PNAAQ 428

AGPG:IBPGR/83/79
December 1983

Isn = 35461

INTERNATIONAL BOARD FOR PLANT GENETIC RESOURCES

A BIBLIOGRAPHY OF CROP GENETIC RESOURCES

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IBPGR
Rome, 1983

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This publication supersedes:

1) A Bibliography of Plant Genetic Resources, J.G. Hawkes, J.T. Williams & Jean Hanson, AGPE:IBPGR/76/4 1976

and

2) A Bibliography of Plant Genetic Resources, Supplement by J.T. Williams AGPE:IBPGR/76/36 1976.

ISBN 92-9043-108-3

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PREFACE

It is more than seven years since a Bibliography of Plant Genetic Resources was published. As mentioned in the Preface to that bibliography the field was wide and rapidly expanding. The size of the present work, which is nearly three times as large, bears witness to the truth of that statement, though we have also increased the number of crops dealt with. Again, we have to say that it is difficult to draw clear boundaries around this multi-disciplinary subject of genetic resources, but on the whole we have tried to limit the scope of the bibliography to the same disciplines as before.

We have re-arranged some of the subject area sections and have included as much information as possible on crop evolution, agricultural origins, crop taxonomy, the genetic basis of diversity, crop ecology, exploration, conservation, evaluation, documentation, data preparation and management, and genebanks. We have, however, excluded actual plant breeding work and variety trials but have retained pre-breeding and germplasm enhancement.

So far as the crop sections are concerned we have re-arranged the sequence in what we consider to be a more logical manner, and have added the following sections: small grains; grain legumes; spices, stimulants and flavourings; economic plants and forage plants. The previous sections on fruits and vegetables respectively have been greatly enlarged. Furthermore, greater emphasis has been placed on tropical crops in this bibliography.

Readers should note that although we have included tropical and temperate fruit trees we have excluded timber and firewood trees; as well as ornamentals, nuts, lower plants and medicinal plants. Partly for this reason we have renamed this edition "crop" rather than "plant" genetic resources.

We cannot guarantee that we have included every relevant reference; but we have included nearly all the references given in A Bibliography of Plant Genetic Resources (1976) and its Supplement (1976), as well as all relevant references from 1975 to mid-1983 given in the Commonwealth Agricultural Bureaux (C.A.B.) publications, as follows - Plant Breeding Abstracts, Herbage Abstracts, Field Crop Abstracts and Horticultural Abstracts.

A discipline orientated computer search was run from the Dialog data bases in Palo Alto, California, both for the C.A.B. publications and Biological Abstracts. Literature reviews developed by colleagues in Gatersleben (DDR) have also been valuable in this project.

We should like to record our grateful thanks to all those who are unfortunately too numerous to name individually, but who have helped in one way or another with references and advice. However, we feel that we should like to mention in particular the scientists and librarians at: FAO; the Universities of Birmingham, Reading and Cambridge; the international agricultural research centres of CIP, ICARDA, IRRI AND IITA; the directors of the Commonwealth Bureaux of Plant Breeding and Genetics, Horticulture and Plantation Crops and Pastures and Field Crops; The Plant Breeding Institute, Cambridge; The Royal Botanic Gardens Kew and the National Vegetable Research Station, Wellesbourne.

Our grateful thanks go to Dr. Jim Yandle of the University of Birmingham Computer Centre for helping us with the programming connected with the word processor used throughout for the input and management of our data. We should also like to record special thanks to Mrs. Parvin Damania who put all the data into a word processor and arranged it in the correct sequence and format and to Mrs. Joyce Buccini who patiently dealt with the production of the final manuscript.

Finally, we hope that this bibliography will help to advance the knowledge and understanding of genetic resources conservation and utilization throughout the world.

Funding for this project was provided jointly by FAO and the IBPGR.

J.G. Hawkes
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LEN	Lentil	Lens	310
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PSO	Winged bean	Psophocarpus	319
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LIN	Linseed	Linum	342
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7 PALMS

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ELA	Oil Palm	Elaeis	350
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DAU	Carrot	Daucus	371
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HIB	Rozelle	Hibiscus sabdariffa	373
LAC	Lettuce	Lactuca	373
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CAR	Pawpaw	Carica	382
CIT	Citrus fruits	Citrus	383
DUR	Durian	Durio	386
MNG	Mango	Mangifera	386
MUS	Banana	Musa	388
NEP	Rambutan	Nephelium	392
PAS	Granadilla	Passiflora	392
PER	Avocado	Persea	392
PSI	Guava	Psidium	393
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FIC	Fig	Ficus	396
LIT	Litchi	Litchi	397
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MOR	Mulberry	Morus	399
PRU	Plums, cherries, peaches, etc.	Prunus	400
PUN	Pomegranate	Punica	402
PYR	Pear	Pyrus	402
RIB	Currants	Ribes	403
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EUG	Clove	Eugenia	415
MEN	Essential oils	Mentha, etc.	416
MYR	Nutmeg	Myristica	416
NIC	Tobacco	Nicotiana	416
PIP	Black pepper	Piper	419
THE	Cocoa	Theobroma	419
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12 ECONOMIC PLANTS

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HEV	Rubber	Hevea	431
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TEL	Temperate forage legumes (Clovers, lucerne, sainfoin, melilot, vetches, etc.)	437
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OFR	Other forage crops	442

ABBREVIATIONS

ABE Abelmoschus 356
ACH Achras 380
ALE Aleurites 335
ALL Allium 357
AMA Amaranthus, Chenopodium, Fagopyrum 263
ANA Ananas 380
ARA Arachis 336
ARE Areca 345
ARO Aroids 271
ART Artocarpus 381
AVE Avena 187

BET Beta 327
BRA Brassica, Raphanus 360

CAJ Cajanus 304
CAM Camellia 407
CAN Canavalia 305
CAP Capsicum 408
CAR Carlica 382
CER Cereals (general) 185
CIC Cicer 305
CIT Citrus 383
CNN Cannabis etc. 423
COC Cocos 346
COF Coffea 412
COR Corchorus 424
CRT Carthamnus 339
CUC Cucurbitaceae 367
CUR Curcuma 415
CYN Cynara 371

DAU Daucus 371
DIO Dioscorea 273
DIS Diospyros 396
DOL Dolichos lablab 372
DUR Durio 386

ECO Economic plants (general) 423
ELA Elaeis 415
EUG Eugenia 415

FIC Ficus 396
FOR Forage (general) 433

GLY Glycine 307
GOS Gossypium 424
GUI Guilielma 353

HEL Helianthus 340
HEV Hevea 431
HIB Hibiscus sabdariffa 373
HOR Hordeum 193

IPO Ipomoea 277

LAC Lactuca 373
LAT Lathyrus 309
LEG Legumes (general) 301
LEN Lens 310
LIN Linum 342
LIT Litchi 397
LUP Lupinus 311
LYC Lycopersicon 374

MAL Malus 397
MAN Manihot 279
MEN Mentha etc 416
MET Metroxylon 353
MIL Millets 266
MIN Minor roots and tubers 282
MNG Mangifera 386
MOR Morus 399
MUS Musa 388
MYR Myristica 416

NEP Nephelium 392
NIC Nicotiana 416

OEC Other economic plants 433
OFR Other forage crops 442
OIL Oil plants (general) 335
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OOL Other oil plants 344
ORY Oryza 201
OSS Other spices, stimulants and flavourings 422
OTR Other tropical fruits 393
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PAL Palms (general) 345
PAS Passiflora 392
PER Persea 392
PHA Phaseoulus 313
PHO Phoenix 353
PIP Piper 419
PIS Pisum 318
POT Potato 282
PRU Prunus 400
PSI Psidium 393
PSO Psophocarpus 319
PUN Punica 402
PYR Pyrus 402

RIB Ribes 403
ROS Rosaceous fruits 404

SAC Saccharum 331
SEC Secale 216
SES Sesamum 343
SGR Small grains (general) 262
SOL Solanum melongena etc. 377
SOR Sorghum 220
SPI Spices (general) 407
SUG Sugar crops (general) 327

TEG Temperate grasses 436
TEL Temperate forage legumes 437
TEM Temperate fruits (general) 394
THE Theobroma 419
TRG Tropical grasses 441
TRI Triticum and Aegilops 227
TRL Tropical forage legumes 442
TRO Tropical fruits (general) 379
TUB Tubers (general) 270

VAN Vanilla 421
VEG Vegetables (general) 354
VIC Vicia faba 321
VIG Vigna 323
VIT Vitis 405
VOA Voandzeia 326

ZEA Zea, Euchlaena and Tripsacum 249
ZIN Zingiber 422
ZIZ Zizania 262

NOTES ON FORMAT

The format of this bibliography is designed to list references both under general subject areas and under specific crops, with as much cross-referencing between the two as we consider necessary.

A single letter code has been given to each subject area and a three letter code to each crop or crop group. A key is given in the contents, pages iii-vii; and in alphabetical order on page viii. Cross-referencing has been provided by the addition of lists at the end of each section. However, a few references which are of major importance for more than one topic have been entered twice.

The abbreviations for journals follow those used in: Alkire, L.G. Jr., ed. Periodical Title Abbreviations (3rd ed. 1981, 2 vols. Detroit, Michigan, Gale Research Company), except for certain references not occurring in the above work where we have taken abbreviations from various other listings. References have been included only when they are available in major libraries. Theses and unpublished reports have been excluded with rare exceptions.

NOTE

Readers should note that unfortunately the IBPGR is not in a position to provide copies or abstracts of the works quoted in this bibliography.

Any corrections or additions would be welcomed by the IBPGR Secretariat so that files on particular subjects and crops can be kept up-to-date for any supplements produced in the future.

SECTION I

SUBJECT AREAS

A GENETIC RESOURCES - GENERAL

A1 Abifarin, A.O. 1975 Need for increased knowledge about basic genetic potentials and the creation of germplasm centres. J. Ass. Adv. Agric. Sci. Africa, 2: 239-245.

A2 Abramov, I.I. et al., eds. 1973 Topics of reports at the fifth delegate congress of the All Union Botanical Society. Kiev, Academy of Sciences of the USSR, Ukranian Academy of Sciences. 383pp.

A3 Acad. Sciences USSR. 1966 {Problems of the geography of cultivated plants and N.I. Vavilov. Scientific session devoted to the 75th anniversary of N.I. Vavilov.} Moscow, Nauka. 134pp. (In Russian)

A4 Allen, R. 1974 New strategy for the green revolution. New Sci., 63: 320-321.

A5 Anderson, E. 1967 Plants, man and life. California, University of California Press. 251pp.

A6 Anishetty, N.M. & Perret, P.M. 1981 The IBPGR in relation to African crop genetic resources. Plant Genet. Resour. Newsl., 46: 31-36.

A7 Anon. 1973 Genetic vulnerability of crops. A worldwide problem of rising concern. Agric. Sci. Rev., 11: 49-55.

A8 Anon. 1974 {What are gene banks and why are they necessary ?} Zaadbelangen, 28: 142-143. (In Dutch)

A9 Appell, G.N. 1970 Genetic erosion in the indigenous cultivars of Borneo. Plant Genet. Resour. Newsl., 23: 25-26.

A10 Arasu, N.T. 1975 Conservation and utilization of genetic resources in agricultural research in Malaysia. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p. 241-246.

A11 Arasu, N.T. 1977 Plant genetic resources conservation in Malaysia, 1976. In Williams, J.T., ed. Southeast Asian workshop on plant genetic resources: proceedings. Rome, IBPGR; & Philippines, PCARR, p.17-28.

A12 Arbelaez, E.P. 1947 Plantas utiles de Colombia. Bogota, Contraloria general de la Republica. 537pp.

A13 Arora, R.K. & Mehra, K.L. 1981 Plant genetic resources of arid and semi-arid lands of India. Ann. Arid Zone, 20: 145-154.

A14 ASSINSEL. undated Feeding the 5000 million. Amsterdam, ASSINSEL. 23pp.

A15 Ayad, W.G. 1980 A glossary of plant genetic resources terms (English/Arabic). Rome, IBPGR. 148pp.

A16 Backer, C.A., Bakhuizen, R.C. & Van Den Brink Jr. 1965 Flora of Java. vol.1. Gröningen, NVP Voordhoff, p.18-19.

A17 Baker, H.G. 1970 Plants and civilization. 2nd ed. London, Macmillan. 194pp.

A18 Balkema-Boomstra, A.G. 1978 Collecting primitive varieties: a vital interest for plant breeding. Zaadbelangen, 32: 24-31.

A19 Bares, I. & Sehnalova, J. 1981 Preservation of land-races of cultivated plants in Czechoslovakia. Kulturpflanze, 29: 67-77.

A20 Barrau, J., ed. 1963 Plants and the migrations of Pacific peoples. 10th Pacific Sci. Congr. Honolulu, Hawaii, 1961. Bishop Museum Press.

A21 Barrau, J. 1965 Witnesses of the past: notes on some food plants of Oceania. Ethnology, 4: 262-294.

A22 Barrett, J.A. 1981 The evolutionary consequences of monoculture. In Bishop, J.A. & Cook, L.M., eds. Genetic consequences of man mad change. London, Academic Press, p.209-248.

A23 Bennett, E. 1978 Threats to crop plant genetic resources. In Hawkes, J.G., ed. Conservation and agriculture. London, Duckworth, p.113-122.

A24 Berrie, A.M.M. 1977 An introduction to the botany of the major crop plants. London, Heyden & Son. 220p.

A25 Bondarenko, O.N. 1975 {Endemic and rare wild relatives of cultivated plants.} Trudy Prikl. Bot. Genet. Selek., 54: 205-228. (In Russian, English summary)

A26 Bourke, R.M. 1981 Some little known food crops from Papua New Guinea. IBPGR Southeast Asian Newsl., 5. no.1: 6-8.

A27 Brenan, J.P.M. 1983 Economic plants. Biologist, 30: 75-79.

A28 Brewbaker, J.L. 1979 Diseases of maize in the wet lowland tropics and the collapse of the Classic Maya civilisation. Econ. Bot., 33: 101-118.

A29 Brezhnev, D. 1971 Genetic resources in the cultivated plants of the USSR. Plant Genet. Resour. Newsl., 26: 5-9.

A30 Brezhnev, D.D. 1972 Genetic resources in the Soviet Far East and adjacent regions. SABRAO Newsl., 4: 53-57.

A31 Brezhnev, D.D. 1977 {Conservation of plant resources and current breeding.} Trudy Prikl. Bot. Genet. Selek., 60: 28-34. (In Russian)

A32 Brezhnev, D.D. & Fraer, M.S. 1976 {Carefully preserve the world plant resources.} Selek. Semenvod., 5: 16-18. (In Russian)

A33 Brezhnev, D.D. & Korovina, O.N. 1980 {Wild relatives of cultivated plants in the flora of the USSR.} Leningrad, Kolos. 376pp. (In Russian)

A34 Brouk, B. 1975 Plants consumed by man. London, Academic Press.

A35 Brown, W.H. 1950 Useful plants of Philippines. Bur. Sci. Manila, Tech. Bull. no.10.

A36 Brown, W.L. 1983 Genetic diversity and genetic vulnerability - an appraisal. Econ. Bot., 37: 4-12.

A37 Brucher, H. 1968 Die genetischen Reserven Sudamerikas fur die Kulturpflanzenzuchtung. Theor. Appl. Genet., 38: 9-22.

A38 Brucher, H. 1977 Tropische Nutzpflanzen. Ursprung, Evolution und Domestikation. Berlin, Springer-Verlag. 519pp.

A39 Brucher, H. 1980 South America's unused plants. Plant Res. Dev., 11: 108-114.

A40 Buddenhagen, I.W. 1977 Resistance and vulnerability of tropical crops in relation to their evolution and breeding. In Day, P.R., ed. The genetic basis of epidemics in agriculture. Ann. N.Y. Acad. Sci., 287: 309-326.

A41 Bukasov, S.M. 1930 {The cultivated plants of Mexico, Guatemala and Colombia.} Trudy Prikl. Bot. Genet. Selek., suppl. 47 e. 553pp. (In Russian)

A42 Bunting, A.H. 1979 Genetic conservation in crop plants. Span, London, 22: 9-11, 40-41, 43 - 46.

A43 Burkill, I.H. 1935 Dictionary of the economic products of the Malay Peninsula. London. 2 vols.

A44 Busson, F. et al. 1967 Plantes alimentaires de l'Ouest Africain, etude botanique, biologique et chimique. Marseille, Leconte. 568pp.

A45 Cardenas, M. 1948 Plantas alimenticias nativas de los Andes de Bolivia. Folia Universitaria, (Cochabambe, Bolivia) 2: 36-51.

A46 Cardenas, M. 1969 Manual de plantas economicas de Bolivia. Cochabamba, Bolivia, Icthus. 421pp.

A47 Castaneda, R.R. 1969 Frutas silvestres de Colombia. 2 vols. Bogota, D.E., Universidad Nacional de Colombia.

A48 Cavalcante, P.B. 1976 Frutas comestiveis da Amazonia. 3rd ed. Belem, Instituto Nacional de Pesquisas da Amazonia. Manaus-Amazonas. 166pp.

A49 Charles, A.E. & Kesavan, V. 1977 Plant genetic resources of Papua New Guinea. In Williams, J.T., ed. Southeast Asian workshop on plant genetic resources: proceedings. Rome, IBPGR; & Philippines, PCARR, p.37-46.

A50 Chedd, G. 1970 Hidden peril of the green revolution. New Sci., 48: 171-173.

A51 Chomchalow, N. 1977 Plant genetic resources in Thailand. In Williams, J.T., ed. Southeast Asian workshop on plant genetic resources: proceedings. Rome, IBPGR; & Philippines, PCARR, p.47-60.

A52 Chrispeels, M.J. & Sadava, D. 1977 Plants, food and people. San Francisco, Freeman. 278pp.

A53 Chung, H.L. & Ripperton, J.D. 1924 Utilization and composition of oriental vegetables in Hawaii. Hawaii Agric. Exp. Sta. Res. Bull. 60.

A54 Cobley, L.S. 1976 An introduction to the botany of tropical crops. London, Longman. 371pp.

A55 Creech, J.L. 1981 Practical questions regarding use and exchange of genetic resources and information. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.153-155.

A56 Creech, J.L. & Reitz, L.P. 1971 Plant germplasm now and for tomorrow. Adv. Agron., 23: 1-49.

A57 Crevost, C. & Lemarie, C. 1971-1925 Catalogue des produits de l'Indochine. 5 vols. Hanoi.

A58 Cristea, M. 1980 {Plant genetic resources and the future of crop plant breeding.} Probleme Genet. Teoretica Aplicate, 12: 403-412. (In Rumanian, English summary)

A59 Cristea, M. 1981 {Plant genetic resources}. Bucharest, Romania, Editura Academiei Republicii Socialiste Romania. 297pp. (In Rumanian. English summary)

A60 Cronje, A.J. 1975 Collection storage and issuing of germplasm. S. Afr. Dep. Agric. Tech. Serv. Tech. Comm., 132: 48-52.

A61 Curry-Landahl, K. 1972 Conservation for survival. New York, Morrow.

A62 Dalziel, J.M. 1948 The useful plants of West Tropical Africa. London, The Crown Agents for the Colonies. 612pp.

A63 Davidson, J. & Lloyd, R., eds. 1979 Conservation and agriculture. Chichester, UK, John Wiley. 252pp.

A64 Davis, P.H., ed. 1965-1982- Flora of Turkey and the East Aegean Islands. Edinburgh, Edinburgh University Press. (7 vols & continuing).

A65 Davis, P.H., Harper, P.C. & Hedge, I.C. 1971 Plant life of South-West Asia. Edinburgh, Botanical Society of Edinburgh. 331pp.

A66 Day, P.R. 1973 Genetic variability of crops. Ann. Rev. Phytopath., 11: 293-312.

A67 Dodds, K.S. 1982 Collection, maintenance and evaluation of germplasm. FAO Plant Production and Protection Paper No.39, 63-74.

A68 Dorofeev, V. 1981 Sammlung und Nutzung der Pflanzenweltkollektion fur die Zuchtung neuer Sorten und Hybriden. Int. Z. Landwirtschaft, 5: 473-475.

A69 Duvick, D.N. 1977 Major United States crops in 1976. Ann. N.Y. Acad. Sci., 287: 86-96.

A70 Esquinas-Alcazar, J.T. 1981 Los recursos fitogeneticos una inversion segura para el futuro. Madrid, INIA/IBPGR. 44pp.

A71 Esquinas-Alcazar, J.T. 1981 Recursos fitogeneticos de la region Andina. Plant Genet. Resour. Newsl., 47: 36-39.

A72 Esquinas-Alcazar, J.T. 1982 Recursos fitogeneticos de la region Andina (Parte 2 - Colombia). Plant Genet. Resour. Newsl., 49: 38-44.

A73 Esquinas-Alcazar, J.T. 1982 Recursos fitogeneticos de la region Andina (Parte 3). Plant Genet. Resour. Newsl., 50: 74-77.

A74 Esquinas-Alcazar, J.T. 1982 Recursos fitogeneticos de la region Andina (Parte 4). Plant Genet. Resour. Newsl., 51: 31-34.

A75 Esquinas-Alcazar, J.T. Recursos fitogeneticos de la region
1982 Andina (Parte 5). Plant Genet. Resour. Newsl., 52: 31-36.

A76 Evans, L.T. Crop plants, an international heritage and
1975 opportunity. Search, Australia, 6: 272-280.

A77 FAO Proceedings of a technical meeting on plant
1963 exploration and introduction. Genet. Agrar., 17: 1-573.

A78 FAO/IBP Technical conference on the exploration,
1968 utilization and conservation of plant genetic resources, 1967. Rome. FAO. 186pp.

A79 FAO/UNDP/IBPGR Technical conference on crop genetic resources.
1981 Rome, 6-10 April 1981. Rome, FAO. 80pp.

A80 Felger, R.S. Ancient crops for the twenty-first century. In
1979 Ritchie, G.A., ed. New agricultural crops. Boulder, Colorado, Westview Press, p.5-20.

A81 Fitzpatrick, F.L. Our plant resources: plants and their economic
1964 importance. Holt Library of Scientific Series II, no. 20. New York, Holt, Rinehart and Winston. 171pp.

A82 Forsberg, R.A. & Smith, R.R. Sources, maintenance and
1980 utilization of parent material. In Fehr, W.R. & Hadley, H.H. Hybridization of crop plants. Madison, Wisconsin, American Society of Agronomy and Crop Science Society of America, p.65-81.

A83 Fosberg, F.R. Principal economic plants of tropical America.
1945 In Plants and plant science in Latin America. Waltham, Mass, Chronica, Bot., p.18-35.

A84 Franke, G., Hammer, K., Hanelt, P., Ketz, H-A., Natho, G. &
1976 Reinbothe, H. Fruchte der Erde. Leipzig, Urania-Verlag. 248pp.

A85 Frankel, O.H. Guarding the plant-breeders treasury. New Sci.,
1967 35: 538-540.

A86 Frankel, O.H. Save the genetic treasures in the SABRAO region.
1969 SABRAO Newsl., 2: 1-6.

A87 Frankel, O.H. Genetic conservation in perspective. In Frankel,
1970 O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.469-489.

A88 Frankel, O.H. Genetic dangers in the green revolution. World
1970 Agric., 19: 9-14.

A89 Frankel, O.H. 1971 The significance, utilization and conservation of crop genetic resources. Rome, FAO. 29pp.

A90 Frankel, O.H. 1972 Only one earth. Search, 3: 406-412.

A91 Frankel, O.H. 1972 Genetic conservation - a parable of the scientist's social responsibility. Search, 3: 193-201.

A92 Frankel, O.H. 1972 Saving the primitives. J. Agric. Victoria, 70: 243-244.

A93 Frankel, O.H. 1973 A world survey of genetic resources. Plant Genet. Resour. Newsl., 30: 25-32.

A94 Frankel, O.H. 1974 Genetic conservation: our evolutionary responsibility. Genetics, Princeton, 78: 53-65.

A95 Frankel, O.H. 1977 Genetic resources. In Day, P.R., ed. The genetic basis of epidemics in agriculture. Ann. N.Y. Acad. Sci., 287: 332-344.

A96 Frankel, O.H. 1977 Genetic resources as the backbone of plant protection. In Induced mutations against plant diseases. Proc. Symp. on the use of induced mutations for improving disease resistance in crop plants. Vienna, International Atomic Energy Agency, p.3-14.

A97 Frankel, O.H. 1977 Natural variation and its conservation. In Muhammed, A., Aksel, R. & Borstel, R.C. von., eds. Genetic diversity in plants. New York, Plenum Press, p.21-44.

A98 Frankel, O.H. 1978 Conservation of crop genetic resources and their wild relatives: an overview. In Hawkes, J.G., ed. Conservation and agriculture. London, Duckworth, p.123-149.

A99 Frankel, O.H. 1970 & Bennett, E., eds. Genetic resources in plants - their exploration and conservation. Oxford, Blackwell. 538pp.

A100 Frankel, O.H. 1975 & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press. 492pp.

A101 Frankel, O.H. 1975 & Hawkes, J.G. Genetic resources - the past ten years and the next. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.1-11.

A102 Gade, D.W. 1969 Vanishing crops of traditional agriculture: the case of tarwi (Lupinus mutabilis) in the Andes. Prof. Geog., 1: 47-50.

A103 Gill, N.T. & Vear, K.C. 1980 Agricultural botany. 1. Dicotyledonous crops; 2. Monocotyledonous crops. 3rd eds. London, Duckworth. 268pp; 259pp.

A104 Gladstones, J.S., Francis, C.M. & Collins, W.J. 1981 Genetic resources and plant breeding. J. Agric. Western Australia. 22: 126-130.

A105 Gosi, L. 1972 Un patrimonio genetico da conservare. Sementi Elette, 17: 41-45.

A106 Guleria, A. 1982 Plant genetic resources - IBPGR. Special number. Green Grower, New Delhi, 8: 1-48.

A107 Hackett, J. & Carolane, J., eds. 1982 Edible horticultural crops : a compendium of information on fruit, vegetable spice and nut species. Parts I-IV. Academic Press, Sydney, Australia.

A108 Hadjichristodoulou, A. & Della, A. 1976 Genetic diversity in Cyprus. Plant Genet. Resour. Newsl., 32: 8-15.

A109 Hamilton, R.A. 1975 Importance and potential of germplasm from South East Asia in Hawaii. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.77-82.

A110 Hammer, K. 1977 Uber domestizierte Kakteen. I. Domestikation und Domestikationserscheinungen bei Kakteen. Kakteen /Sukkulenten (Dresden), 12: 99-105.

A111 Hammer, K. 1978 Uber domestizierte Kakteen. II. Vervendung der Opuntienfruchte. Kakteen/Sukkulenten (Dresden), 13: 14-16.

A112 Hammer, K. 1978 Uber domestizierte Kakteen. III. Nutzungsrichtungen domestizierte Kakteen. Kakteen/Sukkulenten (Dresden), 13: 84-88.

A113 Hammer, K., Hanelt, P. & Schultze-Motel, J. 1978 Anderungen in der Kulturpflanzenflora. Mitteilungen Sekt. Anthrop. Biol. Gesellsch. DDR, no.35, p.25-32.

A114 Harding, D. 1982 Conservation of genetic resources. Biologist, 29: 268-269.

A115 Harlan, J.R. 1956 Distribution and utilization of natural variability in cultivated plants. In Genetics in plant breeding. Brookhaven Symp. Biol., 9: 191-208.

A116 Harlan, J.R. 1972 Breeding success brings a peril. Crops Soils Mag., Jan: 5-6.

A117 Harlan, J.R. 1972 Genetics of disaster. J. Environ. Qual., 1: 212-215.

A118 Harlan, J.R. 1973 Genetic resources of some major field crops in Africa. In Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome, FAO/IBP, p.45-64.

A119 Harlan, J.R. 1975 Our vanishing genetic resources. Science, N.Y., 188: 618-621.

A120 Harlan, J.R. 1975 Crops and man. Madison, Wisconsin, American Society of Agronomy & Crop Science Society of America. 295pp.

A121 Harlan, J.R. 1976 Genetic resources in wild relatives of cultivated crops. Crop Sci., 16: 329-333.

A122 Harper, R.M. 1932 Useful plants of Yucatan. Bull. Torrey Bot. Club, 39: 279-288.

A123 Harris, D.R. 1965 Plants, animals and man in the outer Leeward Islands, West Indies. California, University of California Publications in Geography. Vol.18. 164pp.

A124 Hartley, W. 1958 Studies on the origin, evolution and distribution of the Gramineae. Aust. J. Bot., 6: 343-357.

A125 Hartmann, H.T., Flocker, W.J. & Kofranek, A.M. 1981 Plant science. Growth, development and utilization of cultivated plants. Englewood Cliffs, New Jersey, Prentice Hall. 676pp.

A126 Hawkes, J.G. 1971 Conservation of plant genetic resources. Outlook Agric., 6: 248-253.

A127 Hawkes, J.G. 1975 La conservacion de los recursos geneticos vegetales. Fitotec. Latinoam., 11: 59-65.

A128 Hawkes, J.G. 1977 Plant gene pools - an essential resource for the future. J. Roy. Soc. Arts, 125: 224-235.

A129 Hawkes, J.G., ed. 1978 Conservation and agriculture. London, Duckworth. 284pp.

A130 Hawkes, J.G. 1978 {The conservation and utilization of plant genetic resources.} Biul. Inst. Hodowli Aklima. Roslin. 113: 139-145. (In Polish, English summary)

A131 Hawkes, J.G. 1981 Germplasm collection, preservation and use. In Frey, K.J. Plant breeding II. Ames, Iowa, The Iowa State University Press, p.57-83.

A132 Hawkes, J.G. 1983 The diversity of crop plants. Cambridge, Mass., Harvard University Press. 208pp.

A133 Hawkes, J.G. & Lamberts, H. 1977 Eucarpia's fifteen years of activities in genetic resources. Euphytica, 26: 1-3.

A134 Hazelman, M.P. 1981 Plant genetic resources in Western Samoa. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.110-112.

A135 Hector, J.M. 1936 Introduction to the botany of field crops. Vol. 1, Cereals; Vol.2, Non-cereals. Johann.

A136 Hedrick, U.P., ed. 1972 Sturtevant's edible plants of the world. New York, Dover. 686pp.

A137 Heiser, C.B. Jr. 1981 Seed to civilization. The story of food. 2nd ed. San Francisco, Freeman. 254pp.

A138 Hernandez X., E. 1973 Genetic resources of primitive varieties of Mesoamerica. Zea spp., Phaseolus spp., Capsicum spp. and Cucurbita spp. In Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome. FAO/IBP, p.76-115.

A139 Heslop-Harrison, J. 1973 The plant kingdom: an exhaustible resource ? Trans. Bot. Soc. Edinb., 42: 1-15.

A140 Heslop-Harrison, J. 1974 Genetic resources conservation: the end and the means. J. Roy. Soc. Arts, 1974: 157-169.

A141 Heyne, K. 1950 {The useful plants of Indonesia.} 2 parts. Gravenhage. (In Dutch)

A142 Hodgson, R.E., ed. 1961 Germplasm Resources. London, Bailey.

A143 Hoehne, F.C. 1946 Frutas indigenas (Brasil). Sao Paulo, Instituto de Botanica. 88pp.

A144 Holly, L. & Unk, J. 1981 Preservation of Hungarian land-races as genetic resources. Kulturpflanze, 29: 63-65.

A145 Hondelmann, W. 1977 Die moderne Pflanzenzuchtung birgt Gefahren. DLG-Mitteilungen, 92: 1339-1340.

A146 Hondelmann, W. 1977 Welche Sorten sollen in der Genbank erhalten werden ? SAFA, 29: 366.

A147 Hondelmann, W. 1979 Pflanzengene von Land- und Primitivsorten erhalten ! DLG-Mitteilungen, 94: 777-778.

A148 Horsfall, J.G. et al. 1972 Genetic vulnerability of major crops a challenge to scientists and the nation. Agric. Sci. Rev., Coop. State. Res. Serv., U.S. Dep. Agric., 10: 1-14.

A149 Howes, F.N. 1974 A dictionary of useful and everyday plants and their common names. Based on material contained in J.C. Willis: A dictionary of flowering plants and ferns (6th ed., 1931). London, Cambridge University Press. 290pp.

A150 Hudson, J.P. 1976 Food crops for the future. J. Roy. Soc. Arts, 124: 572-585.

A151 Hughes, J.G., 1978 ed. Conservation of plant genetic resources. Proc. Section K & M British Assoc. Adv. Sci., Aston 1977. Birmingham, Aston University. 54pp.

A152 Humphries, B. 1979 Genetic uniformity in crops poses threat to world's food supply. Res. Farming, 37: 8-9, 14-15.

A153 Hutchinson, J.B., 1969 ed. Population and food supply. Essays on human needs and agricultural prospects. Cambridge, Cambridge University Press. 139pp.

A154 Hutchinson, J.B., 1974 The challenge of the new agriculture. In Hutchinson, J.B. ed. Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.161-162.

A155 Hyams, E. 1971 Plants in the service of man. London, Dent.

A156 Hyland, H.L. 1963 Plant introduction objectives and procedures. Genet. Agrar., 17: 470-482.

A157 IBPGR 1981 FAO-UNEP-IBPGR technical conference. Plant Genet. Resour. Newsl., 46: 3-7.

A158 IBPGR 1981 IBPGR symposium on the genetic resources of the Far East and the Pacific. Rome, IBPGR. 30pp.

A159 IBPGR 1983 Plant varieties rights and genetic resources. Rome, IBPGR. 8pp.

A160 Iltis, H.H. 1972 The extinction of species and the destruction of ecosystems. Am. Biol. Teacher, 34: 201-205.

A161 Institut Tropickeho a Subtropickeho Zemedelstvi. Proc. Symp. on
1981 the study and utilization of the genetic resources of economic plants of tropics and subtropics. Prague, Vysoka Skola Zemedelska. 190pp.

A162 Irvine, F.R. The indigenous food plants of West African peoples.
1948 J. N.Y. Bot. Gard., 49: 225-236; 254-267.

A163 Irvine, F.R. Indigenous food plants of West Africa. Econ. Bot.,
1949 3: 442.

A164 Ivanov, N.I. {Nikolai Ivanovich Vavilov - a bibliography}
1974 Leningrad, N.I. Vavilov Institute of Plant Industry. 125pp. (In Russian).

A165 Ivanov, V.R. {List of literature of Academy N.I. Vavilov on the
1967 80th anniversary of his birth.} Leningrad, All Union Scientific Research Institute of Plant Industry (VIR). 41pp. (In Russian).

A166 Jackson, W.A.D. The spoils of progress and conservation in the
1973 Soviet Union. Science, N.Y., 179: 674-675.

A167 Jain, H.K. Plant breeders' rights and genetic resources.
1982 Indian J. Genet. Plant Breed., 42: 121-128.

A168 James, E. Why store genetic stocks ? Bioscience, May: 333.
1967

A169 Janick, J., Schery, R.W., Woods, F.W. & Ruttan, V.W. Plant
1981 science: an introduction to world crops. 3rd ed. San Francisco. Freeman. 868pp.

A170 Jardin, C. List of foods used in Africa. Rome. FAO, 320pp.
1967

A171 Johnson, E.J. & Johnson, T.J. Economic plants in a rural
1976 Nigerian market. Econ. Bot., 30: 375-381.

A172 Johnston, B.F. Staple food crops in West Africa and the Congo.
1956 Trop. Agric., Trin., 33: 214-220.

A173 Julen, G. & Ellerstrom, S. The need for genetic conservation.
1973 In Hawkes, J.G. & Lange, W., eds. European and Regional Gene Banks. Wageningen, Eucarpia, p.72-73.

A174 Kahre, L. {Gene banks as resource centres. I.} Kungl. Skogs.
1975 Lantbruksakad. Tidskr., 114: 32-40. (In Swedish, English summary)

A175 Kassam, A.H. Crops of the West African semi-arid tropics.
1976 Hyderabad, India. ICRISAT. 154pp.

A176 Katznelson, J. Germplasm resources in Israel. Plant Genet.
1978 Resour. Newsl., 35: 8-10.

A177 Kim, K.S. 1976 Problems of genetic vulnerability in crops. Korean J. Breed., 8: 83-90.

A178 Kokin, A.J. 1933 {New resources of wild food plants in Asia Media.} Trudy Prikl. Bot. Genet. Selek., 7: 137-149. (In Russian).

A179 Kronstad, W.E. 1975 The green revolution: fact or fiction. Crops Soils, 27: 5-7.

A180 Kuckuck, H. 1975 Importance of the utilization, preservation and further development of the natural genetic resources for the cultivation of plants. In Plant research and development, a biennial collection of recent German contributions concerning development through plant research, 1: 109-120.

A181 Kundu, B.C. 1967 Some edible rhizomatous and tuberous crops of India. Proc. 1st Int. Symp. Tropical Root Crops, 1: 124.

A182 Kupzow, A.J. 1975 {Introduction to the geography of cultivated plants.} Moscow, Academy of Sciences. 294pp. (In Russian).

A183 Lamoureaux, C.H. 1975 Tropical forests of South East Asia: genetic resources for plants other than timber. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.213-216.

A184 Langer, R.H.M. & Hill, G.D. 1982 Agricultural plants. Cambridge, Cambridge University Press. 344 pp.

A185 Lawrence, E. 1975 Future in the past. Nature, Lond., 258: 278-279.

A186 Leakey, C.L.A. & Wills, J.B., eds. 1977 Food crops of lowland tropics. London, Oxford University Press. 345pp.

A187 Leon, J. 1958 Estudios sobre Tuberculos Alimenticios de los Andes. Costa Rica, Comunicaciones de Turrialba, no.63. 49pp.

A188 Leon, J. 1964 Plantas alimenticias Andinas. Lima, Peru, Instituto Interamericano de Ciences Agricolas Tech. Bull.no.6. 112pp.

A189 Leon, J. 1968 Fundamentos botanicos de los cultivos tropicales. San Jose, Costa Rica, Instituto Interamericano de Ciencias Agricolas de la O.E.A. 487pp.

A190 Leon, J. 1973 Primitive genetic resources in Latin America. In Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome. FAO/IBP, p.71-75.

A191 Leon, J., Goldbach, H. & Engels, J. 1979 Crop genetic resources in Central America. Turrialba, Costa Rica, CATIE/GTZ. 32pp.

A192 Loiselle, R. 1971 Super-plants smother primitive varieties - bank established. AIC Review, 26: 25-27.

A193 Lombardo, A. 1954 Inventario de las plantas cultivadas en Montevideo. R.O. del Uruguay, Intendencia Municipal de Montevideo, Direccion de Paseos Publicos. 270pp.

A194 Maheshwari, J.K. 1975 Preservation and conservation needs of endangered and vanishing plants of India. Proc. 12th Int. Bot. Congr., Leningrad. (Abstracts) 542pp.

A195 Mansfeld, R. 1962 Vorlaufiges Verzeichnis landwirtschaftlich oder gartnerisch kultivierter Pflanzenarten. Kulturpflanze, Beihefte 2, 1-659.

A196 Martin, F.W. & Ruberte, R.M. 1975 Edible leaves of the tropics. Mayaguez Inst. Trop. Agr./ U.S. Dep. Agric. 235pp.

A197 Martinez, M. 1959 Plantas utiles de la flora Mexicana. Mexico, Ediciones Botas. 621pp.

A198 Masefield, G.B. et al. 1969 The Oxford Book of Food Plants. London, Oxford University Press. 206pp.

A199 Massal, E. & Barrau, J. 1956 Food plants of the South Sea islands. Noumea. Technical Paper South Pacific Commission, no.94. 52pp.

A200 Mastenbroek, C., & Zanten, J.E.V. van. 1979 Some observations on plant breeding, variety protection and genetic erosion. Zaadbelangen, 33: 8-26.

A201 Matsuo, T. 1975 Studies on conservation and utilization of plant genetic resources by the IBP/UN working group in Japan. SABRAO J., 7: 13-15.

A202 Matsuo, T., ed. 1975 JIBP synthesis. vol. 5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press. 130pp.

A203 Mauny, R. 1953 Principales plantes cultives d'Afrique Occidentale. Bull. Inst. Fr. Afr. Noire, 15: 684.

A204 McCarthy, V.A. & Steele, W.M., eds. Association for the
1980 Advancement of Agricultural Sciences in Africa & International Institute of Tropical Agriculture. Crop genetic resources in Africa - proceedings of a workshop held at IITA, Ibadan, Nigeria, 4-6 January 1978. Ibadan, Nigeria, IITA. 231pp.

A205 Medsger, O.P. Edible wild plants. New York, Macmillan. 323pp.
1957

A206 Mehra, K.L. Plant genetic resources: their nature and
1981 priorities for collection in South Asia. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. New Delhi, National Bureau of Plant Genetic Resources, Monogr., no. 3. p. 4-13.

A207 Mehra, K.L. & Arora, R.K. Plant genetic resources of India:
1982 their diversity and conservation. New Delhi, National Bureau of Plant Genetic Resources, Sci. Mongr., no.4. 60pp.

A208 Meijer, W. Environmental impacts on the use of plant genetic
1975 resources in South East Asia. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p. 235-240.

A209 Mengesha, M.H. Crop germplasm diversity and resources in
1975 Ethiopia. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.449-453.

A210 Miller, J. Genetic erosion: crop plants threatened by
1973 government neglect. Science, N.Y., 182: 1231-1233.

A211 Mors, W.B. & Rozzini, C.T. Useful plants of Brazil. San
1966 Francisco, Holden Dag. 162pp.

A212 Moss, J.T. The present and planned activities on genetic
1981 resources in Tuvalu. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.109.

A213 Mukherjee, S.K. The germplasm collection and its importance.
1979 Sci. Cult., 45: 52-54.

A214 Mukherjee, S.K. & Nath, N. Germplasm resources of north-eastern
1972 parts of India. Indian Farming, 21: 7-11.

A215 Nabhan, G. Developing new crops is old idea in Arizona. Prog.
1979 Agric. Arizona, 30: 12-15.

A216 National Academy of Sciences. Genetic vulnerability of major
1972 crops. Washington, D.C., NAS. 307pp.

A217 National Academy of Sciences. Underexploited tropical plants
1975 with promising economic value. Washington D.C. 186pp.

A218 National Research Council. Conservation of germplasm resources
1978 an imperative. Washington, D.C., Nat. Acad. Sci. 118pp.

A219 Nikitin, V.V. & Bondarenko, O.N. {Wild relatives of cultivated
1973 plants, their conservation and role in breeding.} Trudy Prikl. Bot. Genet. Selek., 49: 280-290. (In Russian).

A220 Nikitin, V.V. & Bondarenko, O.N. {Wild relatives of cultivated
1975 plants and their distribution in the territory of the USSR.} Leningrad, N.I. Vavilov Institute of Plant Industry. 68pp. (In Russian).

A221 Ochse, J.J. Fruits and fruitculture in the Dutch East Indies.
1931 Batavia, Kolff, p.67-71.

A222 Okiy, C.E.O. Indigenous Nigerian food plants. J. W. Afr. Sci.
1960 Ass., 6: 117-121.

A223 Opeke, L.K. Tropical tree crops. New York, John Wiley. 312pp.
1982

A224 Pancho, J.V. Vanishing plants of the Philippines with special
1975 reference to potential ornamental plants. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia. IBPGR, p.231-234.

A225 Parham, B.E.V. Some useful plants of the Fiji islands. Fiji
1942 Agric. J., 13: 41.

A226 Parham, B.E.V. Plants of Samoa; a guide of their local and
1972 scientific names with authorities, with notes on their uses, domestic, traditional and economic. Wellington, New Zealand Dep. Sci Industrial Research, Information Series no. 85. 162pp.

A227 Parham, J.W. Plants of the Fiji islands. Govt. Press Suva, Fiji.
1964

A228 Peacock, W.J. Plant genetic resources in Australia. In Williams,
1981 J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.113-116.

A229 Petersen, H.L. {Gene banks. Conserving the genetic resources of
1977 our cultivated plants.} Ugeskr. Jordbrug, 45: 975-979. (In Danish).

A230 Pitlier, H. 1926 Manual de las plantas usuales de Venezuela. Caracas. (Reprinted 1939)

A231 Prana, M.S. 1974 {A brief review on the conservation of plant genetic resources). Bulletin Kebun Raya, Bogor, Indonesia 1: 31-35. (In Indonesian)

A232 Princen, L.H. 1977 Potential wealth in new crops: research and development. In Seigler, D.S., ed. Crop resources. New York, Academic Press, p.1-15.

A233 Pukhal'Skii, A.V. & Mazhorov, E.V. 1973 {The agriculture and plant resources of Morocco.} Trudy Prikl. Bot. Genet. Selek., 49: 247-259. (In Russian)

A234 Purseglove, J.W. 1968 Tropical Crops : dicotyledons - 2 vols. London, Longman.

A235 Purseglove, J.W. 1972 Tropical Crops : monocotyledons - 2 vols. London, Longman.

A236 Quagliotti, L. 1972 La conservazione delle fonti geniche vegetali e le banche del germoplasma. Ann. Accad. Agric. Torino, 114: 219-239.

A237 Ramanujam, S. & Iyer, R.D., eds. 1974 Breeding researches in Asia and Oceania. Proc. 2nd Gen. Congr. Soc. Adv. Breeding Researches in Asia and Oceania. Session I. Collection, conservation and exchange of gene pools. New Delhi, Indian Society of Genetics and Plant Breeding, p.1-57.

A238 Reitz, L.P. 1976 Improving germplasm resources. In Agronomic research for food. ASA special publication no.26. Madison, Wis., American Society of Agronomy, p.85-97.

A239 Revelle, R. 1976 The resources available for agriculture. Scient. Am., 235: 165-168.

A240 Richardson, N.N. & Stubbs, T. 1978 Plants, agriculture and human society. Menlo Park, California, W.A. Benjamin. 353pp.

A241 Ritchie, G.A., ed. 1979 New agricultural crops. Boulder, Colorado, Westview Press. 259pp.

A242 Roelofsen, H.J. 1978 Genebanks ensure the future of plant breeding. Zaadbelangen, 32: 16-23.

A243 Roelofsen, H. 1982 Storing genes, a doubles game for the breeder. Zaadbelangen, 36: 17-18.

A244 Rudorf, W. 1959 Problems of collection, maintenance and evaluation of wild species of cultivated plants. Plant Genet. Resour. Newsl., 5: 1-4.

A245 Rumawas F. & Siwi, B.H. 1977 The Indonesian genetic resources programme. In Williams, J.T., ed. Southeast Asian workshop on plant genetic resources: proceedings. Rome, IBPGR; & Philippines, PCARR, p.10-16.

A246 Santana, T.C., ed. 1978 Recursos geneticos disponibles a Mexico. Sesiones de Trabajo organizados por la Sociedad Mexicana de Fitogenetica, A.C. Chapingo, Mexico 10-12 May 1978. 492pp.

A247 Sastrapradja, S. 1973 Far East. Indonesia. In Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome. FAO/IBP, p.141-159.

A248 Sastrapradja, S. 1974 Plant genetic resources - is it worth to save them? Proc. Symp. on coordinated study of lowland forest of Indonesia, Bogor.

A249 Sauer, C.O. 1950 Cultivated plants of South and Central America. In Steward, J.H., ed. Handbook of the South American Indians, vol.6. Washington, D.C., Smithsonian Institute Bureau of American Ethnology, Bulletin 43, p.487-543.

A250 Scarascia-Mugnozza, G.T. 1974 Le risorse genetiche vegetali. I. Principi, realta, probleme. Giornale Bot. Italiano, 108: 247-257.

A251 Scarascia-Mugnozza, G.T. 1977 Costituzione genetica e risorse vegetali agrarie. Genet. Agrar., 31: 131-141.

A252 Schery, W. 1954 Plants for Man. London, Allen & Unwin.

A253 Schindelmayr, A. 1957 Useful Plants. London, Thames & Hudson.

A254 Schnell, R. 1957 Plantes alimentaires et vie agricole de l'Afrique noire. Paris, Larose. 222pp.

A255 Schultes, R.E. 1979 The Amazonia as a source of new economic plants. Econ. Bot., 33: 259-266.

A256 Schutt, P. 1972 Weltwirtschaftspflanzen. Herkunft, Anbauverhaltnisse, Biologie und Verwendung der wichtigsten landwirtschaftlichen Nutzpflanzen. Berlin, Paul Parey. 228pp.

A257 Shabetai, J.R. 1933 Agricultural crops and economic plants of Egypt. Min. Agric., Cairo.

A258 Sharp, F. 1974 Rome: A Strategy for survival. Nature, Lond., 252: 518-519.

A259 Simmonds, N.W. 1962 Variability in crop plants, its use and conservation. Biol. Rev., 37: 422-465.

A260 Singh, H. 1957 Genetic stocks of agricultural and horticultural plants of South Asia. Indian J. Genet. Plant. Breed., 17: 343-361.

A261 Singh, H.B. 1973 Far East. India. In Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome. FAO/IBP, p.127-141.

A262 Singh, H.B. & Hardas, M.W. 1969 Collection and evaluation of plant germplasm. Indian J. Genet. Plant. Breed., 29: 379-386.

A263 Singh, H.B., Arora, R.K. & Hardas, M.W. 1975 Untapped plant resources. Proc. Indian Acad. Sci., Sect. B, 41: 194-203.

A264 Sinskaya, E.N. 1925 {Field crops of Altai.} Trudy Prikl. Bot. Genet. Selek., 14: 359-376. (In Russian)

A265 Sinskaya, E.N. 1960 {Questions of evolution, biogeography, genetics and plant breeding.} Akad. Nauk. S.S.S.R., Moscow - Leningrad. 335pp. (In Russian).

A266 Smith C.E. Jr. 1969 From Vavilov to the present - a review. Econ. Bot., 23: 2-19.

A267 Smith, H.H. 1971 Broadening the base of genetic variability in plants. J. Hered., 62: 265-276.

A268 Smith, P.M. 1976 Minor crops. In Simmonds, N.W., ed. Evolution of crop plants. London, Longman, p.301-324.

A269 Sprague, G.F. 1980 Germplasm resources of plants: their preservation and use. Ann. Rev. Phytopath., 18: 147-165.

A270 Spurgeon, D. 1974 Strategy for survival 2: the green revolution. Nature, Lond., 252: 624-625.

A271 Spurgeon, D. 1975 Updating the green revolution. Nature, Lond., 254: 642-643.

A272 Stanton, W.R. 1969 Some domesticated lower plants in South East Asian food technology. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.463-469.

A273 Suneson, C.A. 1960 Genetic diversity - a protection against plant diseases and insects. Agron. J., 52: 319-321.

A274 Swaminathan, M.S., ed. Symp. on gene pools, centers of origin of
1975 crop plants and recent advances in mutation research. New Delhi, India, Nov. 1972. Proc. Indian Acad. Sci. Sect. B, 41: 177-283.

A275 Szabo, A.T. Problems of genetic erosion in Transylvania,
1981 Romania. Kulturpflanze, 29: 47-62.

A276 Tan, N.V. Utilization and conservation of plant genetic
1975 resources in South Vietnam. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.247-250.

A277 Tanaka, K. & Watabe. Crop distribution in the Mandalay basin.
1976 Prelim. Report Kyoto Univ. Sci. Survey to Burma (1974), p.19-24.

A278 Terrell, E.E. A checklist of names for 3000 vascular plants of
1977 economic importance. U.S. Dep. Agric., Agric. Handb. no.505. 201pp.

A279 Thompson, P.A. The collection, maintenance and environmental
1975 importance of the genetic resources of wild plants. Environ. Conserv., 2: 223-228.

A280 Timothy, D.H. Plant germplasm resources and utilization. In
1972 Farvar, M.T. & Milton, J.P., eds. The careless technology: ecology and international development. Garden City, N.J., Natural History Press, p.631-656.

A281 Timothy, D.H. & Goodman, M.M. Germplasm preservation: the basis
1979 of future feast or famine: genetic resources of maize - an example. In Rubinstein, I., Phillips, R.L., Green, C.E. & Gengenbach, B.G., eds. The plant seed: development, preservation, and germination. New York, Academic Press, p.171-200.

A282 Turner, H.N. Hidden treasure: genetic diversity in plants and
1975 animals. J. Australian Inst. Agric. Sci., 41: 83-97.

A283 Turner, N.J. A gift for the taking: the untapped potential of
1981 some food plants of North American Native Peoples. Can. J. Bot., 59: 2331-2357.

A284 Turrill, W.B., ed. Vistas in botany, Vol. 2. Applied botany.
1963 Oxford, Pergamon. 355pp.

A285 Uphof, J.C. Dictionary of economic plants. New York,
1959 Weinheim/Hafner.

A286 USA Proc. U.S. strategy conference on biological
1982 diversity. USA, Dep. State Publ. no.9262. 126pp.

A287 Usher, G. 1974 A dictionary of plants used by man. London, Constable. 619pp.

A288 Valmayor, R.V. 1977 Major activities in exploration, conservation, documentation and evaluation of plant genetic resources in the Philippines. In Williams, J.T., ed. Southeast Asian workshop on plant genetic resources: proceedings. Rome, IBPGR; & Philippines, PCARR, p.29-36.

A289 Van Den Abeele, M. & Vandenput, R. 1956 Les principales cultures du Congo Belge, 3e ed. Bruxelles, Direction agric. Forets et Elevage, p.233-276.

A290 Varga, P., Tudose, M. & Alionte, E. 1979 {Conservation of genetic resources.} Probleme Genet. Teoretica Aplicata, 11: 147-159. (In Rumanian. English summary)

A291 Vavilov, N.I. 1957 {World resources of cereals, leguminous seed crops and flax, and their utilization in plant breeding.} Moscow, Academy of Sciences USSR, 462pp. (In Russian).

A292 Vavilov, N.I. 1959-65 {Selected works.} 5 vols. Moscow, Academy of Sciences USSR. (In Russian).

A293 Vavilov, N.I. 1960 World resources of cereals, leguminous seed crops and flax, and their utilization in plant breeding. Moscow, Academy of Sciences USSR. 442pp. (English translation from Russian by Israel Program for Scientific Translations).

A294 Wade, N. 1972 A message from corn blight: the dangers of uniformity. Science, N.Y., 177: 678-679.

A295 Wade, N. 1974 Green revolution: Creators still quite hopeful. Science, N.Y., 185: 844-846.

A296 Walker, E.H. 1943 The plants of China and their usefulness to man. Smithsonian Inst. Rep. (1943): 325-363.

A297 Walsh, J. 1981 Genetic vulnerability down on the farm. Science, N.Y., 214: 161-164.

A298 Webster, P.J. 1925 The food plants of the Philippines. Dep. Agric. Natn. Res. Bull. 39.

A299 Weiss, M.G. 1961 Need for, and utilization of, additional sources of germplasm: field crops. In Hodgson, R.E., ed. Germplasm Resources. London, Bailey. p.103-116.

A300 White, G.A. 1977 Plant introductions - a source of new crops. In Seigler, D.S., ed. Crop resources. New York, Academic Press, p.17-24.

A301 Whyte, R.O. 1975 The genetic resources in Asian ecosystems containing perennial species of the Gramineae and the Leguminosae. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.114-118.

A302 Wilkes, G. 1976 Plant germplasm resources - American independence, past and future. In Wilkes, G., ed. Plant germplasm resources - American independence, past and future. American association for the advancement of science. 15pp.

A303 Wilkes, G. 1977 Native crops and wild food plants. Ecologist, 7: 312-317.

A304 Wilkes, G. 1977 The world's crop plant germplasm - as an endangered resource. Bull. Atomic Sci., 33: 8-16.

A305 Wilkes, H.G. & Wilkes, S. 1972 The green revolution. Environment, 14: 32-39.

A306 Williams, C.N., Chew, W.Y. & Rajaratnam, J.H. 1980 Tree and field crops of the wetter regions of the tropics. London, Longman. 262pp.

A307 Williams, J.T. 1975 Cultivated plants - past, present and future. In Bourne, A., ed. The man/food equation. London, Academic Press, p.97-113.

A308 Williams, J.T. 1976 Plant genetic resources in the tropics. In Stone, B.C., ed. The role and goals of tropical botanic gardens - a symposium. Kuala Lumpur, University of Malaya Press.

A309 Williams, J.T., ed. 1977 Southeast Asian workshop on plant genetic resources: proceedings. (Plant genetic resources in Southeast Asia: current activities in the region). Rome, IBPGR; & Philippine Council for Agriculture and Resources Research. 89pp.

A310 Williams, J.T. 1981 Perspective of the IBPGR programme with special reference to the Far East and the Pacific Islands. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.7-15.

A311 Williams, J.T. & Creech, J.L., eds. 1981 Crop genetic resources of the Far East and the Pacific. Rome, IBPGR. 159pp.

A312 Williams, J.T. & Sastrapradja, S. 1975 Plant genetic resources in South East Asia - some recent activities. SABRAO J., 7: 125-130.

A313 Williamson, J. Useful plants of Nyasaland. Zomba, Government
1955 Printer. 168pp.

A314 Winton, A.L. & Winton, K.B. The structure and composition of
1932-39 foods. 4 vols. London, John Wiley.

A315 Yamazaki, T. & Hotta, M. Characteristics of useful plants and
1975 their research problems with special reference to East Asian species. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.1-8.

A316 Zaiger, D. & Zentmeyer, G.A. Epidemic decline of breadfruit in
1967 the Pacific Islands. FAO Plant Production and Protection paper. no.15, p.25-29.

A317 Zeven, A.C. & de Wet, J.M.J. Dictionary of cultivated plants
1982 and their centres of diversity. Wageningen, Pudoc. 263pp.

A318 Zhukovsky, P. {La Turquie agricole.} Moscow, Leningrad,
1933 Selkhozghiz. 908pp. (In Russian, extended French summary)

A319 Zhukovsky, P.M. {Cultivated plants and their wild relatives.}
1971 2nd ed. Leningrad, Kolos. 730pp. (In Russian).

Other relevant references :

E2,Q34,T40,SOR29,ZEA149,ECO2

B GENE CENTRES, ORIGINS OF AGRICULTURE, PLANT DOMESTICATION

B1 Aberg, E. Cereals and peas from Eastern Tibet and their
1948 importance for the knowledge of the origin of cultivated plants. K. Lantbrukshogsk. Ann., 15: 235-350.

B2 Alexander, J. The indirect evidence for domestication. In
1969 Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.123-129.

B3 Alexander, J. The "frontier" concept in prehistory: the end of
1977 the moving frontier. In Megaw, J.V.S., ed. Hunters, gatherers and first farmers beyond Europe. Leicester, Leicester University Press, p.25-40.

B4 Allen, T.F.H. 1977 Neolithic urban primacy: the case against the invention of agriculture. J. Theor. Biol., 66: 169-180.

B5 Amoah, F.E.K. 1975 The centres of origin and spread of some staple food plants in West Africa; a review of recent evidence. African Studies J., Ghana, 1: 56-80.

B6 Anderson, E. 1960 The evolution of domestication. In Tax, S., ed, Evolution after Darwin, Vol.2. Univ. of Chicago Press, Chicago, Ill., p.67-84.

B7 Baker, H.G. 1962 Comments on the thesis that there was a major centre of plant domestication near the headwaters of the river Niger. J. Afr. Hist., 3: 229-233.

B8 Baker, H.G. 1965 Characteristics and modes of origin of weeds. In Baker, H.G. & Stebbins, G.L., eds. The Genetics of colonizing species. Academic Press, New York, p.147-168.

B9 Baker, H.G. 1970 Plants and civilisation. 2nd ed. London, Macmillan. 194pp.

B10 Baker, H.G. 1972 Human influences on plant evolution. Econ. Bot., 26: 32-43.

B11 Bakhteev, F.Kh. 1977 {N.I. Vavilov's gene centres from the contemporary viewpoint.} Izv. Akad. Nauk SSSR, Biol., 6: 911-914. (In Russian, English summary)

B12 Barrau, J. 1970 La region indo-pacifique comme centre de mise en culture et de domestication des vegetaux. J. Agric. Trop. Bot. Appl., 17: 487-504.

B13 Bemis, W.P., Berry, J.W. & Weber, C.S. 1979 Domestication studies with feral buffalo gourd. In Goodin, J.R. & Northington, D.K., eds. Arid land plant resources. Lubbock, Texas, International Center for Arid and Semi-Arid Land Studies, Texas Technical University, p.371-383.

B14 Berlyand-Kozhevnikov, V.M. & Anashchenko, A.V. 1979 {The Primor'e region as a centre of secondary diversity for some crop plants.} Trudy Prikl. Bot. Genet. Selek., 64: 38-44. (In Russian, English summary)

B15 Bird, J. 1948 America's oldest farmers. Natural History, 57: 296-303, 334-335.

B16 Bohrer, V.L. 1972 On the relation of harvest methods to early agriculture in the Near East. Econ. Bot., 26: 145-155.

B17 Braidwood, L. & Braidwood, R.J. Current thoughts on the
1969 beginning of food production in Southwestern Asia. Melanges Univ.,St. Joseph, 45: 149-155.

B18 Braidwood, R.J. The agricultural revolution. Scient. Am., 203:
1960 130-148.

B19 Braidwood, R.J. et al. Symposium. Did man once live by beer
1953 alone ? Amer. Anthrop., 55: 515-520.

B20 Braverman, S.W. Origins of cultivated plants and the search for
1972 disease resistance. Rep. N.Y. State Coll. Agric. Cornell, 5: 15-18.

B21 Bray, W. From foraging to farming in early Mexico. In Megaw,
1977 J.V.S., ed. Hunters, gatherers and first farmers beyond Europe. Leicester, Leicester University Press, p.225-250.

B22 Bray, W. Early agriculture in the Americas. In Sherratt, A.,
1980 ed. The Cambridge encyclopaedia of Archaeology, Cambridge, Cambridge University Press, p.365-374.

B23 Brezhnev, D.D. & Nikitin, V.V. {Wild relatives of cultivated
1971 plants in Turkmenia as valuable gene pool for breeding and their protection.} Trudy Prikl. Bot. Genet. Selek., 45: 4-10. (In Russian)

B24 Brieger, F.G. The main ethnobotanical regions of Central America
1967 and South America : origin and history of cultivated plants. Cienc. Cult. (Sao Paulo), 19: 547-553.

B25 Bronson, B. The earliest farming: demography as cause and
1977 consequence. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.23-48.

B26 Brucher, H. Die genetischen Reserven Sudamerikas fur die
1968 kulturpflanzenzuchtung. Theor. Appl. Genet., 38: 9-22.

B27 Brucher, H. Gibt es Gen-Zentrum ? Naturwissenschaften, 56: 77-
1969 84.

B28 Brucher, H. Zur Widerlegung von Vavilovs geographisch-
1971 botanischer Differential-methode. Erdkunde, 25: 20-36.

B29 Brucher, H. Das angebliche "Genzentrum Chiloe", 50 Jahre nach
1979 Vavilov. Z. Pflanzenzucht., 83: 133-147.

B30 Burkill, I.H. Habits of man and the origins of the cultivated
1953 plants of the Old World. Proc. Linn. Soc. Bot., 164: 12-42.

B31 Bushnell, G.H.S. 1976 The beginning and growth of agriculture in Mexico. Phil. Trans. Roy. Soc. Lond. B., 275: 117-128.

B32 Caldwell, J.R. 1977 Cultural evolution in the old world and the new, leading to the beginnings and spread of agriculture. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.77-88.

B33 Camara, A. 1967 The center of origin of cultivated plants. Anales Edafol Agrobiol, 26: 829-837.

B34 Carter, G.F. 1946 Origins of American Indian agriculture. Amer. Anthrop., 48: 1-21.

B35 Carter, G.F. 1977 A hypothesis suggesting a single origin of agriculture. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.89-133.

B36 Cavalli-Sforza, L.L. 1972 Pygmies an example of hunters gatherers and genetic consequences for man of domestication of plants and animals. In Grouchy, J. de, Ebling, F.J.G. & Henderson, I.W., eds. Human genetics. Proc. 4th Int. Congr. Human genetics. /Genetique humaine. Quatrieme Congr. Int. Genetique humaine. Paris, Sept. 1971. Amsterdam, Excerpta Medica: p.79-95.

B37 Chang, K.C. 1970 The beginning of agriculture in the Far East. Antiquity, 44: 175-185.

B38 Chevalier, A. 1938 Le Sahara, centre d'origin de plantes cultivees. Mem. Soc. Biogeogr., (Paris), 6: 307-322.

B39 Choke, H.C. 1971 The importance of Tawau Negara as a gene pool of major cultivated plants. Malay. Nat. J., 24: 215-221.

B40 Clark, G. 1976 Domestication and social evolution. Phil. Trans. Roy. Soc. Lond. B., 275: 5-11.

B41 Clark, J.D. 1964 The prehistoric origins of African agriculture. J. Afr. Hist., 5: 161-183.

B42 Clark, J.D. 1971 A re-examination of the evidence of agricultural origins in the Nile Valley. Proc. Prehist. Soc., 37: 34-79.

B43 Cohen, M.N. 1977 Population pressure and the origins of agriculture: an archaeological example from the coast of Peru. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.135-177

B44 Cook, O.F. 1925 Peru as a center of domestication - tracing the origin of civilization through the domesticated plants. J. Hered., 16: 32-46, 94-110.

B45 Crane, M.B. 1943 Cultivated plants of the past, present and future. Endeavour, 2: 111-116.

B46 Cutler, H.C. 1968 Origins of agriculture in the Americas. Latin Am. Res. Rev., 3: 3-21.

B47 Darby, W.J., Ghalioungui, P. & Grivetti, L. 1977 Food: the gift of Osiris. 2 vols. London, Academic Press.

B48 Darlington, C.D. 1969 The silent millennia in the origin of agriculture. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.67-72.

B49 Darlington, C.D. 1973 Chromosome botany and the origins of cultivated plants. 3rd ed. London, Allen & Unwin. 237pp.

B50 Davies, O. 1960 The neolithic revolution in tropical Africa. Trans. Hist. Soc. Ghana, 4: 14-20.

B51 Davies, O. 1968 The origins of agriculture in West Africa. Curr. Anthrop., 9: 479-482.

B52 Davis, T. IV, & Bye, R.A. Jr. 1982 Ethnobotany and progressive domestication of Jaltomata (Solanaceae) in Mexico and Central America. Econ. Bot., 36: 225-241.

B53 De Candolle, A. 1886 Origin of cultivated plants. London, Trench. [Reprinted 1959, New York, Hafner.]

B54 Dodds, K.S. 1963 The origins of fruits and vegetables. Span, 6: 64-67.

B55 Engelbrecht, Th.H. 1916 Uber die Entstehung einiger feldmassig angebauter Kulturpflanzen. Geogr. Z., 22: 328-334.

B56 Eshbaugh, W.H. 1978 Patterns of plant domestication in the new-world. Lloydia, 41: 77.

B57 Ewen, J. 1976 Plant resources in Colonial America. In Wilkes, G., ed. Plant germplasm resources - American independence, past and future. American association for the advancement of science. 13pp.

B58 Filov, A.I. 1972 {Morphological principles involved in the domestication of food plants.} Trudy Prikl. Bot. Genet. Selek., 47: 3-14. (In Russian)

B59 Flannery, K.V. 1965 The ecology of early food production in Mesopotamia. Science, N.Y., 145: 1247-1256.

B60 Flannery, K.V. 1969 Origins and ecological effects of early domestication in Iran and the Near East. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.73-100.

B61 Flannery, K.V. 1973 The origins of agriculture. In Siegel, B.J., Beals, A.R. & Tyler, S.A., eds. Annual Review of Anthropology, Vol.2. 1973: 271-310.

B62 Frankel, O.H., ed. 1973 Survey of crop genetic resources in their centres of diversity - first report. Rome, FAO/IBP. 164pp.

B63 Gade, D.W. 1972 Setting the stage for domestication: Brassica weeds in Andean peasant ecology. Prof. Geog., 4: 38-40.

B64 Godwin, H. 1965 The beginnings of agriculture in North West Europe. In Hutchinson, J.B., ed. Essays on crop plant evolution. Cambridge, Cambridge University Press, p.1-22.

B65 Goodwin, A.J. H. 1939 The origins of certain African food plants. S. Afr. J. Sci., 36: 445-463.

B66 Gorman, C. 1977 A priori models and Thai prehistory: a reconsideration of the beginnings of agriculture in Southeastern Asia. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.321-355.

B67 Gray, J.R. 1973 The origin of weediness. Trans. Illinois State Acad. Sci., 66: 94-98.

B68 Greenway, P.J. 1944 Origins of some East African food plants. E. Afr. Agric. J., 10. 38pp.

B69 Grivetti, L.E. 1980 Goat kraal gardens and plant domestication: thoughts on ancient and modern food production. Ecol. Food Nutr., 10: 5-7.

B70 Guyot, L. 1963 Histoire des plantes cultivees. Paris, Colin. 214pp.

B71 Hajnalova, E. 1974 {The origin of cultivated plants and the beginnings of their cultivation in central Europe.} Acta Fytotech. Univ. Agric. Nitra, 29: 63-73. (In Slovak, English summary)

B72 Hammond, N. 1976 The early history of American agriculture: recent research and current controversy. Phil. Trans. Roy. Soc. Lond., B., 275: 120-128.

B73 Harlan, J.R. 1951 Anatomy of gene centres. Am. Nat., 85: 97-103.

B74 Harlan, J.R. 1961 Geographic origin of plants useful to agriculture. In Hodgson, R.E., ed. Germplasm Resources. London, Bailey, p.3-19.

B75 Harlan, J.R. 1963 Two kinds of gene centres in Bothriochloininae. Am. Nat., 97: 91-98.

B76 Harlan, J.R. 1969 Ethiopia: A centre of diversity. Econ. Bot., 23: 309-314.

B77 Harlan, J.R. 1971 Agricultural origins: centres and noncentres. Science, N.Y., 174: 468-474.

B78 Harlan, J.R. 1975 Geographic patterns of variation in some cultivated plants. J. Hered., 66: 184-191.

B79 Harlan, J.R. 1976 Gene centers and gene utilization. In Wilkes, G., ed. Plant germplasm resources - American independence, past and future. American association for the advancement of science. 29pp.

B80 Harlan, J.R. 1976. Plant and animal distribution in relation to domestication. Phil. Trans. Roy. Soc. Lond., B., 275: 13-25.

B81 Harlan, J.R. 1976 The plants and animals that nourish man. Scient. Am., 235: 89-97.

B82 Harlan, J.R. 1977 The origins of cereal agriculture in the Old World. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.357-383.

B83 Harlan, J.R. & Wet, J.M.J. de. 1965 Some thoughts about weeds. Econ. Bot., 19: 16-24.

B84 Harlan, J.R. & Wet, J.M.J. de. 1973 On the quality of evidence for origin and dispersal of cultivated plants. Curr. Anthrop., 14: 1-2, 51-62.

B85 Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. 1976 Origins of African plant domestication. The Hague. Mouton. 498pp.

B86 Harlan, J.R., Wet, J.M.J. de, & Stemler, A. 1976 Plant domestication and indigenous African agriculture. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.3-19.

B87 Harland, S.C. 1955 Gene centres and the search for resistant breeding material. Rep. 14th Int. Hort. Congr., p.64-70.

B88 Harris, D.R. 1967 New light on plant domestication and the origins of agriculture: a review. Geogr. Rev., 57: 90-107.

B89 Harris, D.R. 1969 Agricultural systems, ecosystems and the origins of agriculture. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.3-15.

B90 Harris, D.R. 1972 The origins of agriculture in the tropics. Am. Scient., 60: 180-193.

B91 Harris, D.R. 1976 Traditional systems of plant food production and the origins of agriculture in west Africa. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.311-356.

B92 Harris, D.R. 1977 Alternative pathways toward agriculture. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.179-243.

B93 Haskell, G. 1963 New light on the origin of horticultural plants. In Turrill W.B., ed. Vistas in botany. Vol.2. Oxford, Pergamon, p.140-167.

B94 Hasnalova, E. 1974 {Origin of cultural plants and outsets of their growing in central Europe.} Acta Fytotech. Univ. Agric. Nitra Czech., 29: 63-73. (In Czech)

B95 Hassan, F.A. 1976 Diet, nutrition and agricultural origins in the Near East. In Union Internationale des Sciences Prehistoriques et Protohistoriques, IXe Congres, Colloque XX, Origine de l'elevage et de la domestication, p.227-247.

B96 Hassan, F.A. 1977 The dynamics of agricultural origins in Palestine: a theoretical model. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.589-609.

B97 Havinden, M.A. 1970 The history of crop civilization in West Africa. Econ. Hist. Rev., 23: 532-555.

B98 Hawkes, J.G. 1967 The domestication of certain New World plants. Information Bulletin. Soc. Latin Am. Studies, 7: 9-17.

B99 Hawkes, J.G. 1967 Crops, weeds and man. Inaugural lecture, University of Birmingham. Birmingham, U.K. 18pp.

B100 Hawkes, J.G. 1969 The ecological background of plant domestication. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.17-29.

B101 Hawkes, J.G. 1970 The origins of agriculture. Econ. Bot., 24: 131-133.

B102 Heine-Geldern, P. 1958 Kulturpflanzengeographie und das Kulturbeziehungen zwischen Alter und Neuer Welt. Anthropos, 53: 361-402.

B103 Heiser, C.B.Jr. 1969 Some considerations of early plant domestication. Bioscience, 19: 228-231.

B104 Heiser, C.B. Jr. 1975 The application of biochemical systematics and genetics to the study of the origin of cultivated plants - some comments. Bull. Torrey Bot. Club, 102: 301-306.

B105 Heiser, C.B. 1979 Origins of some cultivated new world plants. Ann. Rev. Ecol. Syst., 10: 309-326.

B106 Helbaek, H. 1959 How farming began in the Old World. Archaeology, 12: 183-189.

B107 Helbaek, H. 1959 Domestication of food plants in the Old World. Science, N.Y., 130: 365-372.

B108 Helbaek, H. 1960 Ecological effects of irrigation in Ancient Mesopotamia. Iraq (Lond.), 22: 186-196.

B109 Helbaek, H. 1969 Plant collecting, dry-farming, and irrigation agriculture in prehistoric Deh Luran. In Hole, F. et al., eds. Prehistory and Human Ecology of the Deh Luran Plain: An Early Village Sequence from Khuzistan, Iran. Mem. Mus. Anthrop. Univ. Michigan 1: 244-383.

B110 Higgs, E. 1976 Archaeology and domestication. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.29-39.

B111 Higgs, E.S. & Jarman, M.R. 1969 The origins of agriculture; a reconsideration. Antiquity, 43: 31-41.

B112 Ho, P.T. 1969 The loess and the origin of Chinese agriculture. Amer. Hist. Rev., 75: 1-36.

B113 Hopf, M. 1978 Zu den Anfangen des Ackerbaus in Vorderen Orient. In Hrouda, B., ed. Methoden de Archaologie. Eine Einfuhrung in ihre naturwissenschaftlichen Techniken. Munich, Verlag C.H. Beck, p.280-297.

B114 Hubbard, R.N.L.B. 1980 Development of agriculture in Europe and the Near East: evidence from quantitative studies. Econ. Bot., 34: 51-67.

B115 Hudricourt, A.G. 1962 Domestications des animaux, cultures des plantes et civilizations d'autrui. L'homme, 2: 40-50.

B116 Hugot, H.J. 1968 The origins of agriculture: Sahara. Curr. Anthrop., 9: 483-488.

B117 Hyams, E. 1971 Plants in the service of man, 10,000 years of domestication. London, Dent.

B118 Hymowitz, T. 1972 The trans-domestication concept as applied to guar. [Cyamopsis tetragonoloba]. Econ. Bot., 26: 49-60.

B119 Hynes, R.A. & Chase, A.K. 1981 Aboriginal plant domestication in Cape York Peninsula Australia. Meeting of the 13th Int. Bot. Congr. Sydney, N.S.W., Australia, August 1981. Proc. Int. Bot. Congr., 13, p.191.

B120 Isaac, E. 1970 Geography of domestication. Englewood Cliffs, N.J., Prentice Hall.

B121 Jarman, H.N. 1976 Early crop agriculture in Europe. In Union Internationale des Sciences Prehistoriques et Protohistoriques, IXe Congres, Colloque XX, Origine de l'elevage et de la domestication, p.116-144.

B122 Jennings, P.R. & Cock, J.H. 1977 Centres of origin of crops and their productivity. Econ. Bot., 31: 51-54.

B123 Johannessen, C.L. 1966 The domestication process in trees reproduced by seed: the pejibaye palm in Costa Rica. Geogr. Rev., 56: 363-376.

B124 Johannessen, C.L. 1982 Domestication process of maize continues in Guatemala. Econ. Bot., 36: 84-99.

B125 Johannessen, C.L., Wilson, M.R. & Davenport, W.A. 1970 The domestication of maize: process or event ? Geogr. Rev., 60: 393-413.

B126 Jones, J.K. 1963 The origins of annual field crops. Span, 6: 122-125.

B127 Jones, M. 1981 The development of crop husbandry. In Jones, M. & Dimbleby, G., eds. The environment of man: the Iron Age to the Anglo-Saxon period. British Archaeol. Reports, British Series, 87, p.95-127.

B128 Joshi, A.C. 1951 The use of anatomical characters in determining the original home of plants. Indian J. Genet. Plant Breed., 11: 111-113.

B129 Junges, W. 1962 Climate and photoperiod in the centres of origin and diversification of crops. Tagungsber. Deutsche Akad. Landwirtschaftswiss. Berlin. 48: 21-29.

B130 Keleny, G.P. 1962 The origin and introduction of the basic food crops of the New Guinea people. Papua and New Guinea Agric. J., 15: 7-13.

B131 Kihara, H. 1975 Origin of cultivated plants with special reference to wheat. Seiken Ziho, No.25/26: 1-24.

B132 Knowles, P.F. 1969 Centers of plant diversity and conservation of crop germplasm: safflower. Econ. Bot., 23: 324-329.

B133 Kuckuck, H. 1962 Vavilov's Genzentrentheorie in heutiger sicht. Rep. 3rd Congr. Eucarpia, Paris, p.177-196.

B134 Kuckuck, H. 1963 Present views on Vavilov's gene-centre theory. Plant Genet. Resour. Newsl., 12: 8-10.

B135 Kuptsov, A.J. 1965 The formation of areas of cultivated plants. Z. Pflanzenzucht., 53: 53-66.

B136 Kuptsov, A.J. 1974 Role de l'Ethiopie ancienne dans l'histoire de l'agriculture africaine et mondiale. J. Agric. Trop. Bot. Appl., 21: 44-55.

B137 Kuptsov, A.J. 1975 {Introduction of cultivated plants into geography.} Moscow, Nauka. 296pp. (In Russian)

B138 Kuptsov, A.J. 1977 {Centres of polymorphism of crop plants and the main foci of ancient agriculture.} Voprosy Istorii Teorii, Moscow, 104-111.

B139 Kuptsov, A.J. 1980 Theoretical basis of the plant domestication. Theor. Appl. Genet., 57: 65-74.

B140 Kuptsov, A.J. & Ramenskaya, M.E. 1978 {N.I. Vavilov's geographical conceptions and the present day.} Vestn. Moskov. Univ., Ser. Geogr., 2: 17-21. (In Russian, English summary)

B141 Legge, A.J. 1977 The origins of agriculture in the Near East. In Megaw, J.V.S., ed. Hunters, gatherers and first farmers beyond Europe. Leicester, Leicester University Press, p.51-67.

B142 Leon, J. 1971 Present centers of diversity eastern Pacific. Pac. Sci. Congr. Proc., 1: 136-137.

B143 Leppik, E.E. 1968 Relation of centres of origin of cultivated plants to sources of disease resistance. U.S.Dep. Agric. Agric. Res. Serv., Plant Intro. Invest. Paper no. 13. 7pp.

B144 Leppik, E.E. 1970 Gene centres of plants as sources of disease resistance. Ann. Rev. Phytopath., 8: 323-344.

B145 Lewis, H.T. 1972 The role of fire in the domestication of plants and animals in South-west Asia: a hypothesis. Man, N.S., 7: 196-222.

B146 Li, H. 1970 The origin of cultivated plants in South-east Asia. Econ. Bot., 24: 3-19.

B147 Linde, A.B. von. 1980 Man, wheat and barley. Studies on the beginning of cultivation and domestication. Genetics and archaeology. Sveriges Utsadesforen. Tidskr., 90: 21-69.

B148 Lynch, T.F. 1973 Harvest time, transhumance and the process of domestication. Amer. Anthrop., 75: 1254-1259.

B149 MacNeish, R.S. 1964 The food-gathering and incipient agricultural stage of prehistoric Middle America. In West, R.C., ed. Handbook of Middle American Indians, University of Texas, p.413-426.

B150 MacNeish, R.S. 1965 The origins of American agriculture. Antiquity, 39: 87-94.

B151 MacNeish, R.S. 1977 The beginning of agriculture in Central Peru. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.753-801.

B152 Maheshwari, J.K. 1976 Plant resources of India. Sci. Cult., 42: 18-23.

B153 Mandy, G. 1974 A new approach to the formation of gene centres. Acta. Bot. Acad. Sci. Hungaricae, 20: 103-106.

B154 Mangelsdorf, P.C., MacNeish, R.S. & Willey, G.R. 1964 Origins of agriculture in Middle America. In Wauchope, R., ed. Handbook of Middle American Indians, 1. Natural environment and early cultures. Texas, University of Texas Press, p.427-445.

B155 Mathon, Cl.-Ch. 1980 La reaction a la duree de l'eclairment quotidien des taxons du "centre Abyssin d'origine des plantes cultivees" selon N.I. Vavilov. J. Agric. Trad. Bot. Appl., 27: 153-158.

B156 Mathon, Cl.-Ch. 1981 L'origine des plantes cultivees. Phytogeographie appliquee. Paris, Collection Ecologie appliquee et sciences de l'environment 5.

B157 Mauny, R. 1967 L'Afrique et les origins de la domestication. In Bishop, W.W. & Clark, J.D., eds. Background to evolution in Africa. Chicago, University of Chicago Press, p.583-599.

B158 Megaw, J.V.S., ed. Hunters, gatherers and first farmers beyond
1977 Europe. Leicester, Leicester University Press. 256pp.

B159 Mehra, K.L. & Arora, R.K. Plant resources and domestication on
1981 the Indian subcontinent. Meeting of the 13th Int. Bot. Congr. Sydney, N.S.W., Australia, August 1981. Proc. Int. Bot. Congr., 13, p.190.

B160 Moore, A.M.T. Agricultural origins in the Near East: a model for
1982 the 1980s. World Archaeol., 14: 224-236.

B161 Mowszowicz, J. Recent research and modern views on the origin of
1969 certain cultivated plant species. Kosmos (Warsaw), 18: 149-153.

B162 Nakao, S. Transmission of cultivated plants through the Sino-
1957 Himalayan route. In Kihara, H., ed. Peoples of Nepal Himalaya, vol. 3. Kyoto, Kyoto University, p.397-420.

B163 Nakao, S. {Origin of cultivated plants and agriculture.}
1966 Tokyo, Iwanami-Shoten, 192 pp. (In Japanese).

B164 Neushul, M. The domestication of the giant kelp Macrocystis as
1977 a marine plant biomass producer. In Krauss, R.W., ed. The marine plant biomass of the Pacific north-west coast. Symp. Gleneden Beach, Oreg., USA. March 1977. Corvallis, Oregon state university press, p.163-181.

B165 Oka, H. The dynamics of plant domestication: cultivation
1971 experiments with Oryza perennis and its hybrid with O. sativa. Evolution, Lancaster, Pa., 25: 356-364.

B166 Orme, B. The advantages of agriculture. In Megaw, J.V.S.,
1977 ed. Hunters, gatherers and first farmers beyond Europe. Leicester, Leicester University Press, p.41-49.

B167 Parodi, L. Procesos biologicos de la domesticacion vegetal.
1938 Rev. Argent. Agron., 5: 1-24.

B168 Pfeiffer, J.E. A note on the problem of basic causes. In Harlan,
1976 J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.23-28.

B169 Pickersgill, B. Taxonomy and the origin and evolution of
1977 cultivated plants in the New World. Nature, Lond., 268: 591-595.

B170 Pickersgill, B. & Heiser, C.B. Jr. Cytogenetics and evolutionary
1976 change under domestication. Phil. Trans. Roy. Soc. Lond., B., 275: 55-69.

B171 Pickersgill, B. & Heiser, C.B. Jr. Origins and distribution of
1977 plants domesticated in the New World tropics. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.803-835.

B172 Plarre, W. Die Entstehung eines Genzentrums in Ostafrika. Ein
1972 Beitrag zur Genzentren-Theorie. Pflanzenzucht., 68: 124-148.

B173 Porteres, R. Berceaux agricoles primaires sur le continent
1962 africain. J. Afr. Hist., 3: 195-210.

B174 Powell, J.M. The history of agriculture in the New Guinea
1970 highlands. Search, 1: 199-200.

B175 Pu, M.H. {A brief review of the origin of cultivated plants
1981 in China.} Sci. Agric. Sinica, 4: 86-96. (In Chinese, English summary)

B176 Purseglove, J.M. Some tropical tree crops and their centres of
1963 origin. Span, 6: 126-129.

B177 Purseglove, J.W. Some problems of the origin and distribution of
1963 tropical crops. Genet. Agrar., 17: 105-122.

B178 Purseglove, J.W. The spread of tropical crops. In Baker, H.G. &
1965 Stebbings, G.L., eds. The genetics of colonising species. New York, Academic Press, p.375-389.

B179 Purseglove, J.W. The origins and migrations of crops in tropical
1976 Africa. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.291-309.

B180 Redman, C.L. Man, domestication and culture in Southwestern
1977 Asia. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.523-541.

B181 Reed, C.A. Origins of agriculture: discussion and some
1977 conclusions. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.879-953.

B182 Reed, C.A. The origins of agriculture: Prologue. In Reed, C.A.,
1977 ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.9-21.

B183 Reed, C.A. A model for the origin of agriculture in the Near
1977 East. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.543-567.

B184 Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands,
1977 Mouton Publishers. 1013pp.

B185 Rudorf, W. 1963 Exploration centres within the areas of gene centres and introduction centres in remote countries with large areas of cultivated plants. Genet. Agrar., 17: 436-443.

B186 Sauer, C.O. 1936 American agricultural origins: a consideration of nature and culture. Essays in anthropology. Berkeley, p.279-297.

B187 Sauer, C.O. 1965 Cultural factors in plant domestication in the new world. Euphytica, 14: 301-306.

B188 Sauer, C.O. 1969 Seeds spades hearths & herds, the domestication of animals and foodstuffs. 2nd ed. Cambridge, Mass., MIT Press. 175pp.

B189 Sauer, C.O. 1969 Agricultural origins and dispersals. 2nd ed. Massachusetts, Massachusetts Institute of Technology Press. 175pp.

B190 Saxon, E.C. 1976 The evolution of domestication: a reappraisal of the Near Eastern and North African evidence. In Union Internationale des Sciences Prehistoriques et Protohistoriques, IXe Congres, Colloque XX, Origine de l'elevage et de la domestication, p.180-226.

B191 Schachl, R. 1981 Ein eiszeitliches Getreidegenzentrum fur Getreideausgangsformen. Linzer Biol. Beitrage, 13: 70-71.

B192 Schiemann, E. 1943 Entstehung der Kulturpflanzen. Ergeb. Biol., 19: 409-552.

B193 Schwanitz, P. 1972 The origin of cultivated plants. Cambridge, Massachussetts, Harvard University Press.

B194 Seddon, D. 1968 The origins and development of agriculture in East and Southern Africa. Curr. Anthrop., 9: 489-494.

B195 Seddon, D. 1969 Comment on "On early evidence of agriculture in southern Zambia" by J.O. Vogel. Curr. Anthrop., 10: 524-525.

B196 Sinskaya, E.N. 1939 {What is a centre of species formation from the viewpoint of Ch. Darwin's theory ?} Priroda, 11: 51-58. (In Russian)

B197 Sinskaya, E.N. 1969 {Historical geography of the cultivated flora.} Leningrad, Kolos. 480pp. (In Russian)

B198 Smith, C.E. Jr. 1968 The new world centers of origin of cultivated plants and the archaeological evidence. Econ. Bot., 22: 253-266.

B199 Smith, C.E. Jr. 1977 Recent evidence in support of the tropical origin of New World crops. In Seigler, D.S., ed. Crop resources. New York, Academic Press, p.79-95.

B200 Smith, P.E.L. & Young, T.C. 1972 The evolution of early agriculture and culture in Greater Mesopotamia: a trial model. In Spooner, B., ed. Population growth: anthropological implications. Cambridge, Mass., M.I.T. Press, p.1-59.

B201 Stearn, W.T. 1964 The origin and later development of cultivated plants. J. R. Hort. Soc., 110: 279-341.

B202 Stemler, A.B.L. 1980 Origins of plant domestication in the Sahara and the Nile Valley. In Williams, M.A.J. & Faure, H., eds. The Sahara and the Nile. Rotterdam, A.A. Balkema, p.503-526.

B203 Struever, S. & Vickery, K.D. 1973 The beginnings of cultivation in the Midwest-Riverine area of the United States. Amer. Anthrop., 75: 1197-1220.

B204 Thompson, P.A. & Fox, D.J.C. 1976 The germination responses of vegetable seeds in relation to their history of cultivation by man. Sci. Hortic., 4: 1-14.

B205 Trekov, B.L. 1956 {Materials on the history of agriculture in the USSR.} vol.1. Moscow, Academy of Sciences USSR. 747pp. (In Russian)

B206 Udachin, R.A. 1973 {A study of the Central Asian gene centre.} Trudy Prikl. Bot. Genet. Selek., 49: 3-14. (In Russian, English summary)

B207 Vavilov, N.I. 1926 {Studies on the origin of cultivated plants.} Trudy Byuro Prikl. Bot., 16: 1-248. (In Russian)

B208 Vavilov, N.I. 1931 {The role of Central Asia in the origin of cultivated plants.} Trudy Prikl. Bot. Genet. Selek., 26: 3-44. (In Russian)

B209 Vavilov, N.I. 1931 {Mexico and Central America as the principal centre of origin of cultivated plants of New World.} Trudy Prikl. Bot. Genet. Selek., 26: 135-199. (In Russian)

B210 Vavilov, N.I. 1940 {The theory of the origin of cultivated plants according to Darwin.} Z. Landw. Versuchssta. Bulg., 10: 1-31. (In Bulgarian)

B211 Vavilov, N.I. 1951 The origin, variation, immunity and breeding of cultivated plants. Chronica Bot., 13: 364pp. [Translation to English by Chester, K.S.]

B212 Vavilov, N.I. 1960 {Problems of selection: the role of Eurasia and the New World in the origin of cultivated plants.} In Vavilov, N.I. Selected Works. Moscow, Academy of Sciences USSR vol.2, p.1-481. (In Russian)

B213 Vavilov, N.I. 1965 {Problems of the origin, geography, genetics and selection of plants, plant industry and agronomy.} In Vavilov, N.I. Selected works. Moscow, Academy of Sciences USSR vol. 5 p.1-751. (In Russian)

B214 Vishnu-Mittre. 1975 The archaeobotanical and palynological evidence for the early origin of agriculture in South and Southeast Asia. In Arnott, M., ed. Gastronomy, the anthropology of food habits. The Hague, Mouton, p.13-21.

B215 Vishnu-Mittre, & Guzder, S. 1973 The early domestication of plants in south and southeast Asia - a critical review. Palaeobotanist, 22: 83-88.

B216 Vogel, J.O. 1969 On early evidence of agriculture in southern Zambia. Curr. Anthrop., 10: 524.

B217 Vranceanu, A.V., Stoenescu, F.M. & Tudose, M. 1979 {Gene centres and centres of origin and of diversity in cultivated plants.} Probleme Genet. Teoretica Aplicata, 11: 39-64. (In Rumanian, English summary)

B218 Westphal, E. 1975 Agricultural systems in Ethiopia. Wageningen, Centre for Agricultural Publishing and Documentation Agric. Res. Reports No.826. 278pp.

B219 Wet, J.M.J. de. 1968 The origin of weediness in plants. Proc. Okla. Acad. Sci., 47: 14-17.

B220 Wet, J.M.J. de & Harlan, J.R. 1975 Weeds and domesticates: evolution in the man-made habitat. Econ. Bot., 29: 99-107.

B221 Whyte, R.O. 1963 The Evolution and domestication of cultivated plants. Span, 6: 6-10.

B222 Whyte, R.O. 1977 The botanical neolithic revolution. Human Ecology, 5: 209-222.

B223 Wilke, P.J., Bettinger, R., King, T.F. & O'Connell, J.F. 1972 Harvest selection and domestication in seed plants. Antiquity, 46: 203-209.

B224 Willis, J.C. 1922 Age and area. A study in geographical distribution and origin of species. Cambridge. 259pp.

B225 Wright, G.A. 1971 Origins of food production in southwestern Asia: a survey of ideas. Curr. Anthrop., 12: 447-477.

B226 Wright, H.E. Jr. Environmental changes and the origin of
1970 agriculture in the Near East. Bioscience, 20: 210-212, 217.

B227 Wright, H.E. Jr. The environmental setting for plant
1976 domestication in the Near East. Science, N.Y., 194: 385-389.

B228 Wright, H.E. Jr. Environmental change and the origin of
1977 agriculture in the Old and New Worlds. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.281-318.

B229 Yarnell, R.A. Native plant husbandry north of Mexico. In Reed,
1977 C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.861-875.

B230 Yen, D.E. The origins of oceanic agriculture. Archaeol.
1973 Physical Anthrop. Oceania, 5: 68-85.

B231 Zeven, A.C. Dr. Th. H. Engelbrecht's views on the origin of
1973 cultivated plants. Euphytica, 22: 279-286.

B232 Zeven, A.C. A possible contribution of environmentally induced
1975 changes to the domestication of plants. Euphytica, 24: 369-370.

B233 Zhukovsky, P.M. Die Entstehung der Kulturpflanzen. S.B. Deutsche
1956 Akad. Landwirtschaftswiss. Berlin., 5: 3-33.

B234 Zhukovsky, P.M. {The present position of the problems of the
1957 origin of cultivated plants.} Bot. Zh. 42: 1596-1614. (In Russian)

B235 Zhukovsky, P.M. {At the centres of origin of the cultivated
1959 plants of Latin America.} Bot. Zh., 44: 262-272. (In Russian)

B236 Zhukovsky, P.M. {Interrelation between host and parasite in
1959 their centers of origin and beyond it.} Vestn. S-kh. Nauki, Moscow, 6: 24-34.

B237 Zhukovsky, P.M. Genetische Grundlagen der Entestehung der
1962 Kulturpflanzen. Kulturpflanze, 3: 263-285.

B238 Zhukovsky, P. M. {Cultivated plants and their wild relatives,
1964 systematic geography, cytogenetics and origin.} Leningrad, Kolos. 787pp. (In Russian)

B239 Zhukovsky, P.M. Main gene centres of cultivated plants and their
1965 wild relatives within the territory of the U.S.S.R. Euphytica, 14: 177-188.

B240 Zhukovsky, P.M. {New centres of origin and new gene centres of
1968 cultivated plants, including specifically endemic microcentres of species closely allied to cultivated species.} Bot. Zh., 53: 430-460. (In Russian)

B241 Zhukovsky, P.M. {World genofund of plants for breeding: mega-gene
1970 and micro-gene centres.} Leningrad, Nauka Publishing House. 88pp. (In Russian)

B242 Zhukovsky, P.M. {The present state and development of the main
1975 ideas of N.I. Vavilov.} Trudy Prikl. Bot. Genet. Selek., 54: 229-238. (In Russian)

B243 Zhukovsky, P.M. {World gene pool of plants for breeding.}
1975 Leningrad, Academy of Sciences. 116pp. (In Russian)

B244 Zohary, D. Centers of diversity and centers of origin. In
1970 Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.33-42.

B245 Zohary, D. The origin of cultivated cereals and pulses in the
1973 Near East. In Wahrman, J. & Lewis, K.R., eds. Chromosomes today. Vol. 4, New York, Wiley, p.307-320.

B246 Zohary, D. The wild gene pools of the principal cultivated
1973 plants which originated in the Near East and the Mediterranean basin. Hebrew University of Jerusalem. 4pp.

B247 Zohary, D. & Spiegel-Roy, P. Beginnings of fruit growing in the
1975 Old World. Science. N.Y., 187: 319-327.

Other relevant references :

A209,A317,C34,D48,D81,D88,D108,D130,D135,E42,E58,G117,G139,G171,G172, G173,H21,J151,CER21,CER26,CER28,CER32,HOR80,ORY39,TRI147,TRI275,ZEA136, MIL12,DIO43,IPO5,LEG35,PHA50, COF46,GOS85

C CROP PLANTS AND GENERAL EVOLUTION

C1 Bradshaw, A.D. Plant evolution in extreme environments. In
1971 Creech, R., ed. Ecological genetics and evolution. Oxford, Blackwell, p.20-50.

C2 Bradshaw, A.D. Some of the evolutionary consequences of being a
1972 plant. Evol. Biol.,5: 25-47.

C3 Clausen, J. Stages in the evolution of plant species. New
1951 York, Cornell University Press. 188pp.

C4 Clausen, J. 1954 Partial apomixis as an equilibrium system in evolution. Caryologia, suppl. 1954: 469-479.

C5 Clausen, J. 1963 Tree lines and germ plasm - a study in evolutionary limitations. Proc. Nat. Acad. Sci. U.S.A., 50: 860-868.

C6 Clausen, J. & Hiesey, W.M. 1960 The balance between coherence and variation in evolution. Proc. Nat. Acad. Sci. U.S.A., 46: 494-506.

C7 Creed, R. 1971 Ecological genetics and evolution. Blackwell, Oxford.

C8 Crosby, J.L. 1954 Population and evolution: the significance of incompatibility. Proc. 8th Int. Bot. Congr., p.163-168.

C9 Crowe, L.K. 1964 The evolution of outbreeding in plants. Heredity, Lond., 19: 435-457.

C10 Darwin, C. 1868 The variation of animals and plants under domestication. London, John Murray. 2 vols.

C11 Dobzhansky, T. 1953 Genetics and the origin of species. 3rd ed. New York, Colombia. 344pp.

C12 Dobzhansky, T. 1959 Variation and evolution. Proc. Am. Philos. Soc., 103: 252-263.

C13 Doggett, H. 1965 Disruptive selection in crop development. Nature, Lond., 206: 279-280.

C14 Ehrendorfer, F. 1970 Evolutionary pathways and strategies in seed plants. Taxon, 19: 185-195.

C15 Frankel, O.H. 1954 Invasion and evolution of plants in Australia and New Zealand. Caryologia, 6 (suppl.): 600-619.

C16 Frankel, O.H. 1959 Variation under domestication. Aust. J. Sci., 22: 27-32.

C17 Grant, V. 1964 The architecture of the germplasm. New York, John Wiley. 225pp.

C18 Grant, V. 1971 Plant speciation. New York, Columbia University Press, 435pp.

C19 Harlan, J.R. 1965 The possible role of weed races in the evolution of cultivated plants. Euphytica, 14: 173-176.

C20 Harlan, J.R. 1969 Evolutionary dynamics of plant domestication. Jap. J. Genet., 44: 337-343.

C21 Harlan, J.R. 1970 Evolution of cultivated plants. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.19-32.

C22 Harlan, J.R. 1976 Diseases as a factor in plant evolution. Ann. Rev. Phytopathol., 14: 31-53.

C23 Hawkes, J.G. 1970 Problems and results of evolutionary and taxonomic studies on cultivated plants, with special reference to New World taxa. Kulturpflanze, 6: 141-156.

C24 Hawkes, J.G. 1981 Genetic principles in evolution. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.1-3.

C25 Hutchinson, J.B. 1965 Crop plant evolution: a general discussion. In Hutchinson, J.B., ed. Essays on crop plant evolution. Cambridge, Cambridge University Press, p.166-181.

C26 Hutchinson, J. 1970 The genetics of evolutionary change. Indian J. Genet. Plant. Breed., 30: 269-279.

C27 Hutchinson, J. 1971 Changing concepts in crop plant evolution. Exper. Agric., 7: 273-280.

C28 Hutchinson, J.B., ed. 1974 Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press. 162pp.

C29 Hutchinson, J.B. 1974 Crop plant evolution in the Indian subcontinent. In Hutchison, J.B., ed. Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.151-160.

C30 Huxley, J.S. 1942 Evolution: the modern synthesis. London, Allen & Unwin. 645pp.

C31 Jones, D.F. 1958 Heterosis and homeostasis in evolution and applied genetics. Am. Nat., 92: 321-328.

C32 Jope, E.M. 1976 The evolution of plants and animals under domestication: the contribution of studies at the molecular level. Phil. Trans. Roy. Soc. Lond. B., 275: 99-116.

C33 Kuptsov, A.J. 1976 Vavilov's law of homologous series at the fiftieth anniversary of its formulation. Econ. Bot., 29: 372-379.

C34 Kuptsov, A.I. 1978 {Factors controlling the evolution of crop plants from a historical viewpoint.} Zh. Obshch. Biol., 39: 485-494. (In Russian, English summary)

C35 Lambrecht, H. 1962 Die Entstehung der Arten. Agric. Hort. Genet., 20: 181-213.

C36 Leppik, E.E. 1965 Evolution of biological specialization. Mycologia, 57: 1-22.

C37 Levins, R. 1968 Evolution in changing environments. Some theoretical explorations. Princeton, Princeton University Press.

C38 Maekawa, F. 1963 Reduction in chromosomes and major polyploidy: their bearing on plant evolution. J. Fac. Sci. Tokyo Univ., 8: 377-398.

C39 Mangelsdorf, P.C. 1952 Evolution under domestication. Am. Nat., 86: 65-77.

C40 Mayr, E. 1954 Change in genetic environment and evolution. In Huxley, J., Hardy, A.C. & Ford, E.B., eds. Evolution as a process. London, Allen & Unwin. p.157-180.

C41 McNeilly, T. & Antonovics, J. 1968 Evolution in closely adjacent plant populations. 4. Barriers to gene flow. Heredity, Lond., 23: 205-218.

C42 McWilliam, J.R. et al. 1971 Genetic stability of Australian Phalaris (Phalaris tuberosa L.) under domestication. Aust. J. Agric. Res., 22: 895-908.

C43 Muntzing, A. 1966 On the evolution and breeding of cultivated plants. Indian J. Genet. Plant Breed., 26A: 3-13.

C44 Narain, A. 1974 Castor. In Hutchinson, J.B., ed. Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.71-77.

C45 Schwanitz, F. 1967 Die evolution der Kulturpflanzen. Munchen, Bayerischer Landwirtschaftsverlag. 463pp.

C46 Schwanitz, F. 1971 Die entstehung der Kulturpflanzen als Modell fur die Evolution der gesamten Pflanzenwelt. In Herre, W. et al., eds. Die Evolution der Organismen.

C47 Simmonds, N.W., ed. 1976 Evolution of crop plants. London, Longman. 339pp.

C48 Smartt, J. 1981 Evolving gene pools in crop plants. Euphytica, 30: 415-418.

C49 Stebbins, G.L. Variation and evolution in plants. New York,
1957 Columbia University Press. 622pp.

C50 Stebbins, G.L. The role of hybridisation in evolution. Proc. Am.
1959 Philos. Soc., 103: 231-251.

C51 Stebbins, G.L. Chromosomal variation and evolution. New York,
1966 Science, 152: 1463-1469.

C52 Stebbins, G.L. Variation and evolution in plants: progress during
1970 the past twenty years. In Hecht, M.K. & Steere, W.C., eds. Essays in evolution and genetics in honor of Theodosius Dobzhansky. New York, Meredith, p.173-208.

C53 Stephens, S.G. Species differentiation in relation to crop
1961 improvement. Crop Sci., 1: 1-5.

C54 Swaminathan, M.S. The significance of polyploidy in the origin
1970 of species and species groups. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.87-96.

C55 Tsitsin, N.V. {Origination of new species and forms of plants.}
1975 Moscow, Academy of Sciences USSR. 25pp. (In Russian)

C56 Watson, P.J. Evolution in closely adjacent plant populations.
1969 Heredity, Lond., 24: 407-422.

C57 Wet, J.M.J. de. Principles of evolution and cereal
1979 domestication. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.269-282.

C58 Whyte, R.O. The evolution and domestication of cultivated
1963 plants. Span, 6: 6-10.

C59 Wright, S. Evolution and genetics of populations, vol. 2. The
1969 theory of gene frequencies. Chicago, University of Chicago Press.

C60 Zhukovsky, P.M. {Genetic and botanical regularities in the
1965 evolution of cultivated plants.} Genetika, Mosc., 1: 41-49. (In Russian, English summary)

C61 Zhukovsky, P.M. {The main principles of evolution and the
1975 taxonomy of cultivated plants.} Trudy Prikl. Bot. Genet. Selek., 54: 27-34. (In Russian, English summary)

Other relevant references:

B211,B219,D81,E42,G35,G180,H22,K31,CER24,CER25,HOR80,POT93,BET16

D ARCHAEOLOGY, PALAEOETHNOBOTANY, ETHNOBOTANY

D1 Allchin, B. 1977 Hunters, pastoralists and early agriculturalists in South Asia. In Megaw, J.V.S., ed. Hunters, gatherers and first farmers beyond Europe, Leicester, Leicester University Press, p.127-144.

D2 Allchin, F.R. 1969 Early cultivated plants in India and Pakistan. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.323-329.

D3 Allen, J. 1977 The hunting neolithic: adaptations to the food quest in prehistoric Papua New Guinea. In Megaw, J.V.S., ed. Hunters,gatherers and first farmers beyond Europe, Leicester, Leicester University Press, p.167-188.

D4 Amano, M. 1962 {Studies on Chinese agricultural history.} Tokyo, Ochanomizu Pub. Co. (In Japanese)

D5 Barghoorn, E.S., Wolfe, M.K. & Clisby, K.H. 1954 Fossil maize from the valley of Mexico. Bot. Mus. Leafl. Harvard Univ., 16: 229-240.

D6 Barrau, J. 1965 L'humide et le sec. An essay on ethnobiological adaptation to contrastive environments in the Indo-Pacific area. J. Polynesian Soc., 74: 328-346.

D7 Baumont, P.B. & Boshier, A.K. 1972 Some comments on recent findings at Border cave, Northern Natal. S. Afr. J. Sci., 1972, p.122-124.

D8 Bender, B. 1977 Farming in prehistory. From hunter-gatherer to food producer. London, John Baker. 268pp.

D9 Benedict, F.G. & Steggerda, M. 1936 Food of the present day Maya Indians of Yucatan. Carnegie Inst. Wash. Publ., 436: 115-188.

D10 Bennett, E. 1971 The origin and importance of agroecotypes in South-west Asia. In Davis, P.H., Harper, P.C. & Hedge, I.C., eds. Plant life of South-west Asia. Edinburgh, The Botanical Society of Edinburgh, p.219-234.

D11 Bertin, J. et al. 1971 Atlas des cultures vivrieres. Paris, Ecole des Hautes Etudes.

D12 Bird, J. 1948 America's oldest farmers. Nat. Hist., 57: 296-303, 334-335.

D13 Boer, W.R. de. 1975 The archaeological evidence for manioc cultivation: a cautionary note. Am. Antiq., 40: 419-433.

D14 Bois, D. 1927 Les plantes alimentaires, chez tous les peuples et a travers les ages. Paris, Lechevalier. 596pp.

D15 Braidwood, R.J., Cambel, H. & Watson, P.J. 1969 Prehistoric investigations in South-Eastern Turkey. Science, N.Y., 164: 1275-1276.

D16 Brookfield, H.C. & White, J.P. 1968 Revolution or evolution in the prehistory of the New Guinea highlands. Ethnology, 5: 43-52.

D17 Brothwell, D. & Brothwell, P. 1969 Food in antiquity. A survey of the diet of early peoples. London, Thames & Hudson. 239pp.

D18 Byers, D.S., ed. 1968 The prehistory of the Tehuacan Valley, vol. 1. Environment and subsistence. University of Texas Press, Austin.

D19 Callen, E.O. 1965 Food habits of some pre-Columbian Mexican Indians. Econ. Bot., 19: 335-343.

D20 Chang, K. 1968 The archaeology of ancient China. New Haven, Yale University Press.

D21 Cheng, T.K. 1974 The prehistory of China. T'oung Pao, 60: 1-11.

D22 Chowdhury, K.A. 1963 Plant remains from Deh Morasi Ghundai Afghanistan. Anthrop. Pap. Am. Mus. Nat. Hist., 50: 126-131.

D23 Clark, J.D. 1976 Prehistoric populations and pressures favoring plant domestication in Africa. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.67-105.

D24 Clark, J.G.D. 1965 Radiocarbon dating and the expansion of farming culture from the Near East over Europe. Proc. Prehist. Soc., 31: 58-73.

D25 Corner, E.J.H. 1960 Botany and prehistory. In Symp. on the impact of man on humid tropics vegetation. Goroho, Papua New Guinea, p.38-41.

D26 David, N. 1976 History of crops and peoples in North Cameroon to A.D. 1900. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.223-267.

D27 Dennell, R.W. 1974 The purity of prehistoric crops. Proc. Prehist. Soc., 40: 132-135.

D28 Dennell, R.W. 1976 The economic importance of plant resources represented on archaeological sites. J. Archaeol. Sci., 3: 229-247.

D29 Dimbleby, G.W. 1967 Plants and archaeology. London, John Baker.

D30 Dixon, D.M. 1969 A note on cereals in ancient Egypt. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.131-142.

D31 Dressler, R.L. 1953 The pre-Columbian cultivated plants of Mexico. Bot. Mus. Leafl. Harvard Univ., 16: 115-163.

D32 Dyson, R.H. Jr. 1953 The archaeological evidence of cultivated wheat and barley in Near Eastern prehistory. Mem. Soc. Am. Archaeol., 9: 7-11.

D33 Flight, C. 1976 The Kintampo culture and its place in the economic prehistory of West Africa. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.211-222.

D34 Ford, R.I. 1979 Paleoethnobotany in American archaeology. In Schiffer, M.M., ed. Advances in archaeological method and theory. Vol.2. New York, Academic Press, p.285-336.

D35 Ford, R.I. 1980 "Artifacts" that grew: their roots in Mexico. Early Man, 2: 19-23.

D36 Ford, R.I. 1981 Gardening and farming before A.D.1000: patterns of prehistoric cultivation north of Mexico. J. Ethnobiol., 1: 6-27.

D37 French, D.H. 1971 Ethnobotany of the Umbelliferae: biology and chemistry of the Umbelliferae. J. Linn. Soc. Bot., Suppl. 1, 64: 385-412.

D38 Friedberg, C. 1958 Contribution a l'etude ethnobotanique des tombes precolombiennes de Lauri (Perou) 3. Plante a fibres. J. Agric. Trop. Bot. Appl., 6: 410-416.

D39 Gade, D.W. 1970 Ethnobotany of Canihua (Chenopodium pallidicaule), rustic seed crop of the altiplano. Econ. Bot., 24: 55-61.

D40 Getahun, A. 1974 The role of wild plants in the native diet of Ethiopia. Agro-Ecosystems, 1: 45-56.

D41 Glover, I.C. 1977 The Hoabinhian: hunter-gatherers or early agriculturalists in South-East Asia ? In Megaw, J.V.S., ed. Hunters, gatherers and first farmers beyond Europe. Leicester, Leicester University Press, p.145-166.

D42 Greig, J.R.A. & Turner, J. 1974 Some pollen diagrams from Greece and their archaeological significance. J. Arch. Sci., 1: 177-194.

D43 Grobman, A., Bonavia, D., Kelley, D.H., Mangelsdorf, C. & Camara-Hernandez, J. 1977 Study of pre-ceramic maize from Huarmey, north central coast of Peru. Bot. Mus. Leafl. Harv. Univ., 25: 221-242.

D44 Hajnalova, E. 1974 {The origin of cultivated plants and the beginning of their cultivation in central Europe. Preliminary text.l.} Acta Fytotechnica, 29: 63-73. (In Slovak, English summary)

D45 Hansen, J.M. 1978 The earliest seed remains from Greece: Palaeolithic through Neolithic at Franchthi cave. Ber. Deutschen Bot. Ges., 91: 39-46.

D46 Harlan, J.R. & Pasquereau, J. 1969 Decrue agriculture in Mali. Econ. Bot., 23: 70-74.

D47 Harris, D.R. 1973 The prehistory of tropical agriculture: an ethnoecological model. In Renfrew, C. ed. The explanation of culture change. London, Duckworth, p.391-417.

D48 Heiser, C.B. Jr. 1965 Cultivated plants and cultural diffusion in nuclear America. Am. Anthropp., 67: 930-949.

D49 Helbaek, H. 1953 Archaeology and agricultural botany. Ann. Rep. Inst. Archaeology, 9: 44.

D50 Helbaek, H. 1959 Die Palaoethnobotanik des Nahen Ostens und Europas. Opuscula Ethnologica Mem. Ludovici Biro Sacra, p. 265-289.

D51 Helbaek, H. 1960 The paleoethnobotany of the Near East and Europe. In Braidwood, R.J. & Howe, B., eds. Prehistoric investigations in Iraqi Kurdistan. Chicago, University of Chicago Press, p. 99-118.

D52 Helbaek, H. 1961 Late Bronze Age and Byzantine crops at Beycesultan in Anatolia. Anatol. Stud., 11: 77-97.

D53 Helbaek, H. 1964 First impression of the Catal Huyuk plant husbandry. Anatol. Stud., 14: 121-123.

D54 Helbaek, H. 1965 Archaeological evidence for genetic changes in wheat and barley. CSIRO Plant Introd. Rev., Canberra, 2: 10-16.

D55 Helbaek, H. 1966 The plant remains from Nimrud. In Mallowan, M.E., ed. Nimrud and its remains. London, vol.2, p. 613-618.

D56 Helbaek, H. 1969 Palaeoethnobotany. In Brothwell, D. & Higgs, E., eds. Science in archaeology, London, Thames & Hudson, p.206-214.

D57 Helbaek, H. 1971 The origin and migration of rye, Secale cereale L., a palaeoethnobotanical study. In Davis, P.H., Harper, P.C. & Hedge, I.C., eds. Plant life of South-West Asia. Edinburgh, Botanical Society of Edinburgh, p. 265-280.

D58 Higgs, E.S., ed. 1972 Papers in economic prehistory. Cambridge, Cambridge University Press.

D59 Higgs, E.S. 1976 The history of European agriculture - the uplands. Phil. Trans. Roy. Soc. Lond. B., 275: 159-173.

D60 Hillman, G. 1978 On the origins of domestic rye - Secale cereale: the finds from Aceramic Can Hasan III in Turkey. Anatol. Stud., 28: 157-174.

D61 Ho, P.T. 1975 The cradle of the east. Hongkong, Chinese Univ., Hongkong Publ. Office.

D62 Hopf, M. 1969 Plant remains and early farming in Jericho. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p. 355-359.

D63 Hutchinson, J. 1976 India: local and introduced crops. Phil. Trans. Roy. Soc. Lond., B., 275: 129-141.

D64 Issac, E. 1959 Influence of religion on the spread of Citrus. Science, N.Y., 129: 179-186.

D65 Jain, S.K. & Dam, N. 1979 Some ethnobotanical notes from Northeastern India. Econ. Bot., 33: 52-56.

D66 Janushevich, Z.V. 1978 Prehistoric food plants in the South-west of the Soviet-Union. Ber. Deutschen Bot. Ges., 91: 59-66.

D67 Jarman, H.N. & Bay-Petersen, J.L. 1976 Agriculture in prehistoric Europe - the lowlands. Phil. Trans. Roy. Soc. Lond., B., 275: 175-186.

D68 Jarrige, J.-F. & Meadow, R.H. 1980 The antecedents of civilization in the Indus valley. Scient. Am., 243: 102-110.

D69 Jensen, P.M. & Kautz, R.R. 1974 Preceremic transhumance and Andean food production. Econ. Bot., 28: 43-55.

D70 Kabakar, A. 1977 A radiocarbon chronology relevant to the origins of agriculture. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.957-980.

D71 Kagawa, M. 1973 Primitive agriculture in Japan: late Jomon agricultural society and means of production. Asian Persp., 16: 1-15.

D72 Kajale, M.D. 1977 On the botanical findings from excavations at Damabad, a Chalcolithic site in western Maharashtra, India. Curr. Sci., 46: 818-819.

D73 Kaplan, L. & MacNeish, R.S. 1960 Prehistoric bean remains from caves in the Ocampo region of Tamaulipas, Mexico Bot. Mus. Leafl. Harv. Univ., 19: 33-56.

D74 Kaplan, L., Lynch, T.F. & Smith, C.E. Jr. 1973 Early cultivated beans (Phaseolus vulgaris) from an intermontane Peruvian valley. Science, N.Y., 179: 76-77.

D75 Lauer, J.P., Tackholm, V.L. & Aberg, E. 1951 Les plantes decouvertes dans les souterrains de l'enceinte du roi Zoser a Saqqarah (IIIe Dynastie). Bull. Inst. Egypt, 32: 121-157.

D76 Leopold, A.C. & Ardrey, R. 1972 Toxic substances in plants and the food habits of early man. Science, N.Y., 176: 512-514.

D77 Leroi-Gourhan, A. 1969 Pollen grains of Gramineae and Cerealia from Shanidar and Zawi Chemi. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p. 143-148.

D78 Lisitsina, G.N. 1978 Main types of ancient farming on the Caucasus - on the basis of paleo-ethnobotanical research. Ber. Deutschen Bot. Ges., 91: 47-57.

D79 Mangelsdorf, P.C. & Earle Smith, C. Jr. 1949 New archaeological evidence on evolution in maize. Bot. Mus. Leafl. Harv. Univ., 13: 213-247.

D80 Mehta, R.N. & Oza, G.M. 1973 Botanical identity of carbonised cereal grains from Nagara. Curr. Sci., 42: 179.

D81 Merrill, E.D. 1930 The improbability of pre-Columbian Eurasian-American contacts in light of the origin and distribution of cultivated plants. J.N.Y. Bot. Gdn., 31: 209-312.

D82 Merrill, E.D. 1938 Domesticated plants in relation to the diffusion of culture. Bot. Rev., 4: 1-20.

D83 Merrill, E.D. 1941 Man's influence on the vegetation of Polynesia with special reference to introduced species. Proc. VI Pacif. Sci. Congr., 4: 629-639.

D84 Miksicek, G.H., Bird, R.M., Pickersgill, B., Donaghey, S., 1981 Cartwright, J. & Hammond, N. Preclassic lowland maize from Cuello, Belize. Nature, Lond., 289: 56-59.

D85 Munson, P.J. 1976 Archaeological data on the origins of cultivation in the southwestern Sahara and their implications for west Africa. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.187-209.

D86 Pearsall, D.M. 1977 Early movements of maize between Mesoamerica and South America. J. Steward Anthropol. Soc., 9: 41-75.

D87 Pearsall, D.M. 1978 Paleoethnobotany in western South America: progress and problems. In Ford, R.I., ed. The nature and status of ethnobotany. Univ. Michigan Mus. Anthrop., Anthrop. Papers, no.67, p.389-416.

D88 Pickersgill, B. 1969 The archaeological record of chili peppers (Capsicum spp.) and the sequence of plant domestication in Peru. Am. Antiq., 34: 54-61.

D89 Pickersgill, B. 1972 Cultivated plants as evidence for cultural contacts. Am. Antiq., 37: 97-104.

D90 Pickersgill, B. & Bunting, A.H. 1969 Cultivated plants and the Kon-Tiki theory. Nature, Lond., 222: 225-227.

D91 Puleston, D.E. 1971 An ecological approach to the origins of Maya civilisation. Archaeology, 24: 330-337.

D92 Rambo, A.T. 1979 Primitive man's impact on genetic resources of the Malaysian tropical rain forest. Malaysian Appl. Biol., 8: 59-65.

D93 Renfrew, J.M. 1969 The archaeological evidence for the domestication of plants: methods and problems. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p. 149-172.

D94 Renfrew, J.M. 1973 Palaeoethnobotany. The prehistoric food plants of the Near East and Europe. London, Methuen. 219pp.

D95 Research Group for the History of Rice Cultivation. {Unearthed
1954 carbonized rice.} Tokyo. Association of Agriculture & Forestry. (In Japanese)

D96 Riley, C.L. et al., eds. Man across the sea: problems of pre-
1971 Columbian contacts. Austin, University of Texas Press.

D97 Rosendahl, P. & Yen, D.E. Fossil sweet potato remains from
1971 Hawaii. J. Polynesian Soc., 80: 379.

D98 Roys, L. The ethnobotany of the Maya. Tulane Univ. Middle
1931 Am. Res. Ser. Publ., 2: 1-359.

D99 Sanders, W.T. Population, agricultural history and societal
1972 evolution in Mesoamerica. In Spooner, B., ed. Population growth: anthropological implications. Cambridge, Mass., M.I.T. Press, p.101-153.

D100 Sauer, J. & Kaplan, L. Canavalia beans in American prehistory.
1971 Am. Antiq., 36: 417-423.

D101 Scudder, T. Social anthropology and the reconstruction of
1976 prehistoric land use systems in tropical Africa: a cautionary case study from Zambia. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.357-381.

D102 Shaw, T. Early crops in Africa: a review of the evidence. In
1976 Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.107-153.

D103 Shaw, T. Hunters, gatherers and first farmers in West
1977 Africa. In Megaw, J.V.S., ed. Hunters, gatherers and first farmers beyond Europe. Leicester, Leicester University Press, p.69-125.

D104 Shechter, Y., ed. Symposium on the biochemical systematics,
1975 genetics and origin of cultivated plants. Bull. Torrey Bot. Club., 102: 299-412.

D105 Simmons, I.G. Evidence for vegetation changes associated with
1969 mesolithic man in Britain. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p. 113-119.

D106 Smith, C.E. Jr. The archeological record of cultivated crops of
1965 New World origins. Econ. Bot., 19: 323-334.

D107 Smith, C.E. Jr. Archeological evidence for selection in avocado.
1966 Econ. Bot., 20: 169-175.

D108 Smith, C.E. Jr. The New World centers of origin of cultivated
1968 plants and the archaeological evidence. Econ. Bot., 22: 253-266.

D109 Smith, C.E. Jr. & Stephens, S.G. Critical identification of
1971 Mexican archaeological remains. Econ. Bot., 25: 160-168.

D110 Smith, P.E.L. Early food production in Northern Africa as seen
1976 from Southwestern Asia. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.155-183.

D111 Stanton, W.R. The ethnobotanical basis for the present
1959 distribution of cereals in Nigeria. Min. Agric. Res., Samaru, Cereal Memo., 3.

D112 Stanton, W.R. The analysis of the present distribution of
1962 varietal variation in maize, sorghum, and cowpea in Nigeria as an aid to the study of tribal movement. J. Afr. Hist., 3: 251-262.

D113 Stephens, S.G. The botanical identification of archaeological
1970 cotton. Am. Antiq., 35: 367-373.

D114 Stephens, S.G. A re-examination of the cotton remains from Huaca
1975 Prieta, North coastal Peru. Am. Antiq., 40: 406-419.

D115 Stephens, S.G. & Moseley, M.E. Early domesticated cottons from
1974 archaeological sites in central coastal Peru. Am. Antiq., 39: 109-122.

D116 Struever, S., ed. Prehistoric agriculture. New York, Natural
1970 History Press - Doubleday.

D117 Sturtevant, W.C. History and ethnography of some West Indian
1969 starches. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.177-199.

D118 Tackholm, V. Ancient Egypt, landscape, flora and agriculture. In
1976 Rzoska, J., ed. The Nile, biology of an ancient river. Monographiae Biologicae, 29. The Hague, Junk, p.51-68.

D119 Tanaka, C. Progress in the development of economic botany and
1967 knowledge of food plants. Econ. Bot., 21: 383-387.

D120 Taylor, J.J. The earliest hunters, gatherers and farmers of
1977 North America. In Megaw, J.V.S., ed. Hunters, gatherers and first farmers beyond Europe. Leicester, Leicester University Press, p.199-224.

D121 Ting, Y. 1959 {Notes on the neolithic rice husks unearthed in Hupei.} Kaogu Xuebao, 4: 31-34. (In Chinese, English summary)

D122 Ugent, D., Pozorski, S. & Pozorski, T. 1981 Prehistoric remains of the sweet potato from the Casma valley of Peru. Phytologia, 49: 401-415.

D123 Ugent, D., Pozorski, S. & Pozorski, T. 1982 Archaeological potato tuber remains from the Casma valley of Peru. Econ. Bot., 36: 182-192.

D124 Van Zeist, W. & Casparie, W.A. 1968 Wild einkorn wheat and barley from Tell Mureybit in northern Syria. Acta Bot. Neerland., 17: 44-53.

D125 Vinokur, I.S. 1960 Peas from the Bronze Age. Priroda, 8: 102.

D126 Vishnu-Mittre. 1974 Palaeobotanical evidence in India. In Hutchinson, J.B., ed. Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p. 3-30.

D127 Vishnue-Mittre. 1977 Changing economy in ancient India. In Reed, C.E., ed. Origins of Agriculture. The Hague, Netherlands, Mouton Publishers, p.569-588.

D128 Watabe, T. & Toshimitsu, K. 1974 Morphological properties of old rice grains recovered by ruins in Indian subcontinent - alterations of cultivated rice. Prelim. Report Tottori Univ. Sci. Survey (1971), 2: 1-18.

D129 Watson, J.B. 1965 From hunting to horticulture in the New Guinea highlands. Ethnology 4: 295-309.

D130 Watson, W. 1969 Early cereal cultivation in China. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.397-402.

D131 Weiss, E.A. 1979 Some indigenous plants used domestically by East African coastal fishermen. Econ. Bot., 33: 35-51.

D132 Wendorf, F. & Schild, R. 1976 The use of ground grain during the late Paleolithic of the lower Nile valley, Egypt. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.269-288.

D133 Whiting, A.F. 1966 The present status of ethnobotany in the Southwest [USA]. Econ. Bot., 20: 316-325.

D134 Whyte, R.O. 1970 The archaeology, history and taxonomic geography of the Gramineae. Plant Genet. Resour. Newsl., 24: 32-36.

D135 Wright, H.E. Jr. 1968 Natural environment of early food production north of Mesopotamia. Science, N.Y., 161: 334-339.

D136 Yacovleff, E. & Herrera, F.L. 1934,1935 El mundo vegetal de los antiguos Peruanos. Lima, Revista Museo Nacional, Vol.III, no.3. p.241-322; Vol.IV, no.1. p.29-102.

D137 Yanushevich, Z.V. 1976 {Crop plants of the south-western USSR based on paleobotanical research.} Kishinev, Moldavian SSR, Stiinca. 216pp. (In Russian, English summary)

D138 Yarnell, R.A. 1969 Palaeoethnobotany in America. In Brothwell, D.R. & Higgs, E. Science in archaeology. 2nd ed. London, Thames & Hudson, p.215-228.

D139 Zeist, W. van 1969 Reflections on prehistoric environments in the Near East. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.35-46.

D140 Zeist, W. van. 1976 On macroscopic traces of food plants in southwestern Asia (with some reference to pollen data). Phil. Trans. Roy. Soc. Lond.,B., 275: 27-41.

D141 Zeist, W. van & Bakker-Heeres, J.A.H. 1975 Evidence for linseed cultivation before 6000 B.C. J. Archaeol. Sci., 2: 215-219.

D142 Zeist, W. van. & Bottema, S. 1971 Plant husbandry in early Neolithic Nea Nikomedeia, Greece. Acta. Bot. Neerland. 20: 524-538.

D143 Zevallos, M.C., Galinat, W.C., Lathrap, D.W., Leng, E.R., Marcos, J.G. & Klumpp, K.M. 1977 The San Pablo corn kernel and its friends. Science, N.Y., 196: 385-389.

D144 Zhou, J.W. 1981 {Report on studies on ancient rice excavated from the middle and lower reaches of the Yangtse River.} Yunnan Nongye Keji, 6: 1-6. (In Chinese)

D145 Zinderen Bakker, E.M. van. 1976 Paleoecological background in connection with the origin of agriculture in Africa. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.43-63.

D146 Zohary, D. 1969 The progenitors of wheat and barley in relation to domestication and agricultural dispersal in the Old World. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.47-66.

Other relevant references :

A28,A226,A254,B30,B37,B43,B59,B108,B147,B198,B200,CER26,ORY3,ORY4,ORY147, SEC8,SEC9,SEC44,ZEA9,ZEA52,ZEA100,ZEA101,ZEA102,ZEA109,ZEA110,ZEA112, ZEA147,ZEA148,ZEA178,IPO37,POT124,LEG17,CAJ6,LUP1,PHA26,PHA28,PHA29, PHA42,COC58,GUI3,CAP30,GOS8,GOS83,GOS88

E TAXONOMY, BIOSYSTEMATICS AND CYTOLOGY

E1 Aberg, E. 1979 — Systematic botany and agriculture. In Hedberg, I., ed. Systematic botany, plant utilization and biosphere conservation. Proc. Symp. Uppsala in commemoration of the 500th anniversary of the University. Stockholm, Almqvist & Wiksell International, p.17-23.

E2 Adams, M.W. 1977 — An estimation of homogeneity in crop plants, with special reference to genetic vulnerability in the dry bean, Phaseolus vulgaris L. Euphytica, 26: 665-679.

E3 Anderson, E. 1937 — Cytology in its relation to taxonomy. Bot. Rev.,3: 335-350.

E4 Anderson, E. 1954 — Efficient and inefficient methods of measuring specific differences. In Kempthorne, O. et al., ed. Statistics and mathematics in biology. Iowa State College Press, p.93-106.

E5 Baker, H.G. 1970 — Taxonomy and the biological species concept in cultivated plants. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.49-68.

E6 Baum, B.R. 1981 — Taxonomy of the infraspecific variability of cultivated plants. Kulturpflanze, 29: 209-239.

E7 Baum, B.R. & Lefkovitch, L.P. 1971 — A model for cultivar classification and identification with reference to oats (Avena). 1. Establishment of the groupings by taximetric methods. Can. J. Bot., 50: 121-130.

E8 Baum, B.R. & Lefkovitch, L.P. 1972 — A model for cultivar classification and identification with reference to oats (Avena). 2. A probabilistic definition of cultivar groupings and their Bayesian identification. Can. J. Bot., 50: 131-138.

E9 Bemis, W.P. et al. 1970 — Numerical taxonomy applied to Cucurbita relationships. Am. J. Bot., 57: 404-412.

E10 Bocher, T.W. 1961 The development of cytotaxonomy since Darwin's time. In Wanstall, P.J., ed. A Darwin centenary. London, British Museum (Natural History), p.26-43.

E11 Bowden, W.M. 1959 The taxonomy and nomenclature of the wheats, barleys and ryes and their wild relatives. Can. J. Bot., 37: 657-684.

E12 Bradshaw, A.D. 1962 The taxonomic problems of local geographic variation in plant species. Systematics Association Pub. No.4, p.7-16.

E13 Brandenburg, W.A., Oost, E.H. & Vooren, J.G. van de. 1982 Taxonomic aspects of the germplasm conservation of cross-pollinated cultivated plants. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.33-41.

E14 Brickell, C.D., Kelly, A.F., Schneider, F., Voss, E.G. & Richens, 1980 R.H., eds. International code of nomenclature for cultivated plants - 1980. Regnum Veg., 104. 32pp.

E15 Cave, M.S. 1953 Cytology and embryology in the delimitation of genera. Chronica Bot., 14: 140-153.

E16 Clausen, J., Keck, D.D. & Hiesey, W.M. 1939 The concept of species based on experiment. Am. J. Bot., 26: 103-106.

E17 Danert, S. 1962 Uber Gliederungsprobleme bei Kulturpflanzen. Kulturpflanze, 10: 350-358.

E18 Darlington, C.D. & Wylie, A.P. 1955 Chromosome atlas of flowering plants. London, Allen & Unwin. 519pp.

E19 Davis, P.H. & Heywood, V.H. 1967 Principles of angiosperm taxonomy. London, Oliver and Boyd. 532pp.

E20 Davy, V.M. & Lang, J.M.S. 1939 Experimental taxonomy. 3. Correlation of characters within a population. New Phytol., 38: 1-61.

E21 Duke, J.A. & Terrell, E.E. 1974 Crop diversification matrix: introduction. [a crop species list] Taxon, 23: 759-799.

E22 Dunn, G. & Everitt, B.S. 1982 An introduction to mathematical taxonomy. Cambridge, Cambridge University Press. 152pp.

E23 Fryxell, P.A. 1967 The interpretation of disjunct distributions. Taxon, 16: 316-324.

E24 Fryxell, P.A. 1979 Taxonomic research and plant germplasm collections. U.S. Dep. Agric. Agric. Rev. & Manuals, Southern Series. no.4. 6pp.

E25 Gilmour, J.S.L. & Walters, S.M. 1963 Philosophy and classification. In Turrill, W.B., ed. Vistas in botany. Oxford, Pergamon Press, vol.4, p.1-22.

E26 Grant, W.F. 1960 The categories of classical and experimental taxonomy and the species concept. Rev. Can. Biol., 19: 241-262.

E27 Gregor, J.W. 1938 Experimental taxonomy 2. Initial population differentiation in Plantago maritima L. of Britain. New Phytol., 37: 15-49.

E28 Gregor, J.W. 1942 The units of experimental taxonomy. Chronica Bot., 7: 193-196.

E29 Gregor, J.W. 1963 Genecological (biosystematic) classification and the case for special categories. Regnum Veg., 27: 24-26.

E30 Hall, A.V. 1967 Studies in recently developed group-forming procedures in taxonomy and ecology. J. S. Afr. Bot., 33: 185-196.

E31 Hall, A.V. 1968 Methods for showing distinctness and aiding identification of critical groups in taxonomy and ecology. Nature, Lond., 218: 203-204.

E32 Hanelt, P. 1974 Fragen der infraspezifischen Gliederung von Kulturpflanzen. In Vent, W., ed. Widerspiegelung der Binnenstruktur und Dynamik der Art in der Botanik. Berlin, Akademie-Verlag, p.111-115.

E33 Harlan, J.R. 1966 Plant introduction and biosystematics. In Plant Breeding. Iowa State University Press, Ames.

E34 Harlan, J. & Wet, J.M.J. de. 1963 The compilospecies concept. Evolution, Lancaster, Pa., 17: 497-501.

E35 Harlan, J.R. & de Wet, J.M.J. 1971 Toward a rational classification of cultivated plants. Taxon, 20: 509-517.

E36 Harland, S.C. 1936 The genetical conception of the species. Biol. Rev., 11: 83-112.

E37 Hawkes, J.G. 1970 Problems and results of evolutionary and taxonomic studies on cultivated plants, with special reference to New World taxa. Kulturpflanze, 6: 141-156.

E38 Hawkes, J.G. 1970 The taxonomy of cultivated plants. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.69-85.

E39 Hawkes, J.G. 1978 The taxonomist's role in the conservation of genetic diversity. In Street, H.E., ed. Essays in plant taxonomy. London, Academic Press, p.125-142.

E40 Hawkes, J.G. 1980 The taxonomy of cultivated plants and its importance in plant breeding research. In Commonwealth Agricultural Bureaux. Perspectives in world agriculture. Farnham Royal, Slough, UK, CAB, p.49-66.

E41 Hawkes, J.G. 1981 Biosystematic studies of cultivated plants as an aid to breeding research and plant breeding. Kulturpflanze, 29: 327-335.

E42 Heiser, C,B.Jr. 1969 Systematics and the origin of cultivated plants. Taxon, 18: 36-45.

E43 Heslop-Harrison, J. 1963 Species concepts: Theoretical and practical aspects. In Swain, T. Chemical plant taxonomy. London, Academic Press, p.17-40.

E44 Heywood, V.H. 1963 Biosystematics and classifications. Rep. Scott. Plant Breed. Stn., 1963: 1-7.

E45 Huxley, J. ed. 1940 The new systematics. Oxford, Clarendon. 566pp.

E46 Jackson, R.C. 1971 The karyotype in systematics. Ann. Rev. Ecol. Syst., 2: 327-368.

E47 Jain, S.K. 1979 Biosystematic studies of populations in germplasm collections. In Zeven, A.C. & Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.103-110.

E48 Jeffery, C. 1968 Systematic categories for cultivated plants. Taxon, 17: 109-114.

E49 Jones, S.B., Jr. & Luchsinger, A.E. 1979 Plant systematics. New York, McGraw Hill. 388pp.

E50 Juzepcuk, S.V. 1958 {The species problem in botany.} Akad. Nauk SSSR, Bot. Inst. V.L. Komarova, Moska, Leningrad. 1: 130-204. (In Russian)

E51 Juzepcuk, S.V. 1962 {The principles of the systematics of cultivated plants.} Bot. Zh. SSSR, 47: 773-786. (In Russian)

E52 Lawrence, G.H.M. 1963 The taxonomy of cultivated plants. In Turrill, W.B., ed. Vistas in Botany II, p.199-214.

E53 Legendre, P. & Rogers, D.J. Characters and clustering in taxonomy: a synthesis of two taxonomic procedures. 1972 Taxon, 21: 567-606.

E54 Levin, D.A. Somatic cell hybridization: application in plant systematics. 1975 Taxon, 24: 261-269.

E55 Lewis, H. The nature of plant species. J. Arizona Acad. Sci., 1956 1: 3-7.

E56 Lewis, H. Genetics and cytology in relation to taxonomy. 1957 Taxon, 6: 42-46.

E57 Lewis, H. The taxonomic problem of inbreeders. Regnum Veg., 1963 27: 37-44.

E58 Li, H.L. Plant taxonomy and the origin of cultivated plants. 1974 Taxon, 23: 715-724.

E59 Love, A. The biological species concept and its evolutionary 1964 structure. Taxon, 13: 33-45.

E60 Mac Key, J. Comments on the basic principles of crop taxonomy. 1981 Kulturpflanze, 29: 199-207.

E61 Makhalin, M.A. {Identification of polyploid grain crop plants on 1961 the basis of morphological traits.} Dokl. Akad. Nauk SSSR, 137: 269-270. (In Russian, English summary).

E62 Martin, P.G. & Hayman, D... A quantitative method for comparing 1965 the karyotypes of related species. Evolution, Lancaster, Pa., 19: 157-161.

E63 Mayr, E. The bearing of the new systematics on genetical 1948 problems: The nature of species. Adv. Genet., 2: 205-237.

E64 Mayr, E. The biological meaning of species. J. Linn. Soc., 1969 Bot., 1: 311-320.

E65 Muntzing, A. On the methods of experimental taxonomy. Am. J. 1969 Bot., 56: 791-798.

E66 Parker, P.F. The classification of crop plants. In Street, H.E., 1978 ed. Essays in plant taxonomy. London, Academic Press, p.97-124.

E67 Parkes Riley, H. A character analysis of colonies of Iris Fulva, 1938 Iris hexagona var. giganticaerulea and natural hybrids. Am. J. Bot., 25: 727-738.

E68 Pickersgill, B. Biosystematics of crop-weed complexes. 1981 Kulturpflanze, 29: 377-388.

E69 Porceddu, E., Vannella, S. & Perrino, P. Character analysis and 1981 numerical classification in a wheat collection from Sicily. Kulturpflanze, 29: 251-266.

E70 Rao, C.R. The utilisation of multiple measurements in 1948 problems of biological classification. J. R. Statist. Soc., 10: 159-203.

E71 Rogers, D.J. & Appan, S.G. Taximetric methods for delimiting 1969 biological species. Taxon, 18: 609-624.

E72 Rollins, R.C. Cytogenetical approaches to the study of genera. 1953 Chronica Bot., 14: 133-139.

E73 Roth, H.D. Cluster analysis for the biological and social 1970 sciences. Smithsonian Inst. Systems Innovations, 2: 1-35.

E74 Schultze-Motel, J. & Meyer, D. Numerical taxonomic studies in 1981 the genera Triticum L. and Pisum L. Kulturpflanze, 29: 241-250.

E75 Schultze-Motel, J. & Meyer, D. Anwendung numerischtaxonomischer 1982 Methoden bei Kulturpflanzen. Kulturpflanze, 30: 97-122.

E76 Sharma, A.K. & Sharma, A. Chromosomal alterations in relation to 1959 speciation. Bot. Rev., 25: 514-544.

E77 Sinskaya, E.N. {Phylogenetic taxonomy as a basis for genetic and 1940 breeding work, illustrated by Medicago.} Z. Indukt. Abstammungs-Vererbungsl., 78: 399-417. (In German)

E78 Sinskaya, E.N. {The species problem in modern botanical 1942 literature.} Usp. Sovrem. Biol., 15: 326-359. (In Russian)

E79 Sinskaya, E.N. {On a review of the principles of phylogenetic 1949 taxonomy.} Seleks. i Semen. 9: 20-26. (In Russian)

E80 Sinskaya, E.N. {Correction to the systematics and phylogeny of 1960 forage, vegetable and oil plants of the family Cruciferae.} Trudy Prikl. Bot. Genet. Selek., 33: 233-240. (In Russian)

E81 Sneath, P.H.A. Some applications of numerical taxonomy in plant 1976 breeding. Z. Pflanzenzucht. 76: 19-46.

E82 Sokal, R.R. The principles and practice of numerical taxonomy. 1963 Taxon, 12: 190-199.

E83 Sokal, R.R. Classification: purposes, principles, progress, 1974 prospects. Science, N.Y., 185: 1115-1123.

E84 Sokal, R.R. & Sneath, P.H.A. Principles of numerical taxonomy.
1963 London, Freeman.

E85 Stace, C.A. Plant taxonomy and biosystematics. London, Edward
1980 Arnold. 279pp.

E86 Stebbins, G.L. The cytological analysis of species hybrids. Bot.
1945 Rev., 11: 463-486.

E87 Stebbins, G.L. Types of polyploids: Their classification and
1947 significance. Adv. Genet., 1: 403-429.

E88 Stebbins, G.L. Taxonomy and evolution of genera, with special
1956 reference to the family Gramineae. Evolution, Lancaster, Pa., 10: 235-245.

E89 Stebbins, G.L. The significance of hybridization for plant
1969 taxonomy and evolution. Taxon, 18: 26-35.

E90 Street, H.E., ed. Essays in plant taxonomy. London, Academic
1978 Press. 304pp.

E91 Stuart, D.C. What is a variety ? Scott. Agric., 50: 23-27.
1971

E92 Takhtajan, A.L. ed. {Conference on specific and intra-specific
1967 systematics, 4-7th April 1967.} Leningrad, Academy of Sciences. 83pp. (In Russian)

E93 Takhtajan, A. Classification and phylogeny with special
1968 reference to flowering plants. Proc. Linn. Soc. Bot., 179: 221-227.

E94 Terpo, A. {Taxonomic problems of cultivated plants.}
1976 Kertgazdasag, 8: 19-22. (In Hungarian, English summary)

E95 Vaughan, J.G. Seed anatomy and taxonomy. Proc. Linn. Soc. Bot.,
1968 179: 251-255.

E96 Vavilov, N.I. The new systematics of cultivated plants. In
1940 Huxley, J., ed. The new systematics. London, Oxford University Press, p.549-566.

E97 Vavilov, N.I. Entering a new epoch. Chronica Bot., 6: 433-437.
1941

E98 Walters, S.M. Taxonomic and floristic aspects of plant
1971 conservation. In Davis, P.H., Harper, P.C. & Hedge, I.C., eds. Plant life of South-West Asia. Edinburgh, Botanical Society of Edinburgh, p.293-296.

E99 Wet, J.M.J. de. Species concepts and systematics of domesticated
1981 cereals. Kulturpflanze, 29: 177-198.

E100 Yamada, T. & Suzuki, S. Classification of alfalfa cultivars by
1975 the clustering method based on quantitative characters: its significance in the introduction and conservation of genetic resources. In Matsuo, T. ed. JIBP synthesis, vol. 5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.137-145.

E101 Zhukovsky, P.M. {The nature and limits of species in cultivated
1967 plants.} Bot. Zh. SSSR, 52: 1530-1539.

Other relevant references :

B49,B169,C23,C48,D134,G98,H25,P9,AVE8,AVE12,AVE13,AVE37,ZEA141,ZEA142,MIL 28,MIL58,MAN26,POT24,GLY3,GLY36,OOL3,COC63,PYR2,COF14,HEV2,TEL57

F CHEMOTAXONOMY

F1 Alston, R.E. & Turner, B.L. New techniques in the analysis of
1962 complex natural hybridization. Proc. Nat. Acad. Sci. U.S.A., 48: 130-137.

F2 Alston, R.E. & Turner, B.L. Biochemical systematics. New
1963 Jersey.

F3 Boulter, D. Protein structure in relationship to the evolution
1972 of higher plants. Sci. Prog., 60: 217-229.

F4 Boulter, D., Thurman, D.A. & Turner, B.L. The use of disc
1966 electrophoresis of plant proteins in systematics. Taxon, 15: 135-143.

F5 Ermakov, A.I. et al. {Results and perspective of biochemical
1969 research in cultivated plants.} Trudy Prikl. Bot. Genet. Selek., 41(1): 326-363. (In Russian)

F6 Fairbrothers, D.E. Comparative serological studies in plant
1966 systematics. Bull. Serol. Mus., New Brunsw., 35: 2-6.

F7 Fairbrothers, D.E. The comparison and interpretation of
1966 serological data in plant systematics. In Landa, Z., ed. Mechanism of mutation and inducing factors. Proc. Symp. Mutational Process Topic 4: Evolution of protein characters. Prague, Czechoslovak Acad. Sci., p.458-464.

F8 Fedak, G. & Rajhathy, T. Isozyme studies in hybrid barley. Can.
1972 J. Plant Sci., 52: 751-756.

F9 Gavrilyuk, I.P., Gubareva, N.K. & Konarev, V.G. {Methods for 1973 extraction, separation into fractions and identification of proteins used for the genome analysis of cultivated plants.} Trudy Prikl. Bot. Genet. Selek., 52(1): 249-281. (In Russian)

F10 Gell, P.G.H., Hawkes, J.G. & Wright, S.T.C. The application of 1960 immunological methods to the taxonomy of species within the genus Solanum. Proc. R. Soc., B, 151: 364-383.

F11 Gray, G.W. Electrophoresis. Scient. Am., 83: 3-11.
1951

F12 Hall, O. Immuno-electrophoretic analyses of allopolyploid
1959 ryewheat and its parental species. Hereditas, 45: 495-504.

F13 Hamrick, J.L. & Allard, R.W. Microgeographical variation in
1972 allozyme frequencies in Avena barbata. Proc. Nat. Acad. Sci. U.S.A., 69: 2100-2104.

F14 Hawkes, J.G., ed. Chemotaxonomy and serotaxonomy. London,
1968 Academic Press.

F15 Hegnauer, R. Secondary metabolites and crop plants. In Frankel,
1975 O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.249-265.

F16 Jensen, U. Proteins in plant evolution and systematics. Prog.
1981 Bot., 43: 344-369.

F17 Karataglis, S. & Tsekos, I. Electrophoretic variation in
1975 esterases of native Greek Aegilops species (Ae. ovata, Ae. biuncialis and Ae. triuncialis). Protoplasma, 83: 311-326.

F18 Khakimova, A.G. & Gavrilyuk, I.P. {The component and antigene
1973 composition of gliadin in different representatives of A. squarrosa L.} Trudy Prikl. Bot. Genet. Selek., 52(1): 193-205. (In Russian)

F19 Kloz, J. Protein characters and their genesis in lower
1965 taxons. Proc. Symp. Mutational Process. Prague, Academia, p.477-484.

F20 Ladizinsky, G. & Hymowitz, T. Seed protein electrophoresis in
1979 taxonomic and evolutionary studies. Theor. Appl. Genet., 54: 145-151.

F21 Moritz, O. The serology of plant proteins. Encyclo. Plant
1958 Physiol., 8: 356-414.

F22 Ornstein, L. 1964 Disc electrophoresis. I: Background and theory. Ann. N.Y. Acad. Sci., 121: 321-349.

F23 Ornstein, L. & Davis, B.J. 1962 Disc electrophoresis. Rochester, N.Y. Distillation Products Industries.

F24 Reisfeld, R.A., Lewis, U.J. & Williams, D.E. 1962 Disc-electrophoresis of basic proteins and peptides on polyacrylamide gels. Nature, Lond., 195: 281.

F25 Runemark, H. 1968 Critical comments on the use of statistical methods in chemotaxonomy. Bot. Notiser, 121: 30-43.

F26 Smith, I. 1968 Chromatographic and electrophoretic techniques, vol.2. (Zone Electrophoresis). London, Heineman, p.365-389.

F27 Smith, P. 1969 Serological relationships and taxonomy in certain tribes in the Gramineae. Ann. Bot., 33: 591-613.

F28 Smith, P.M. 1976 The chemotaxonomy of plants. London, Edward Arnold. 313pp.

F29 Smith, P.M. 1978 Chemical evidence in plant taxonomy. In Street, H.E., ed. Essays in plant taxonomy. London, Academic Press, p.19-38.

F30 Vaughan, J.G. 1968 Serology and other protein separation methods in studies of angiosperm taxonomy. Sci. Prog., Lond., 56: 205-222.

Other relevant references :

B104,CER20,AVE2,AVE4,AVE29,AVE36,AVE51,AVE53,AVE69,HOR5,ORY88,ORY118, ORY175,SEC5,SEC34,TRI29,TRI86,TRI117,TRI158,TRI192,TRI250,TRI254,TRI277, ZEA80,ZEA86,ZEA140,MIL26,MIL58,POT62,POT139,POT210,LEG4,LEG9,LEG12,LEG32, CIC7,GLY13,LEN7,PHA4,PHA30,PHA31,PHA32,PHA33,PHA34,PHA35,PHA36,PIS9, PIS17,PSO17,VIG6,VIG11,VIG20,SAC52,PYR2,ROS2,COF20,COF29,COF39,NIC20, NC27,GOS51

G ADAPTATION AND GENETIC VARIATION IN POPULATIONS

G1 Allard, R.W. 1961 Relationship between genetic diversity and consistency of performance in different environments. Crop Sci., 1: 127-133.

G2 Allard, R.W. 1965 Genetic systems associated with colonizing ability in predominantly self-pollinated species. In Baker, H.G. & Stebbins, G.L., eds. The genetics of colonizing species. New York, Academic Press. p.50-78.

G3 Allard, R.W. & Adams, J. Population studies in predominantly
1969 self-pollinating species. 13. Intergenotypic competition and population structure in barley and wheat. Am. Nat., 103: 621-645.

G4 Allard, R.W. & Jain, S.K. Population studies in predominantly
1962 self-pollinated species. 2. Analysis of quantitative changes in a bulk hybrid population of barley. Evolution, Lancaster, Pa., 16: 90-101.

G5 Allard, R.W. & Hansche, P.E. Some parameters of population
1964 variability and their implications in plant breeding. Adv. Agron., 16: 281-325.

G6 Anderson, E. Internal factors affecting discontinuity between
1931 species. Am. Nat., 65: 144-148.

G7 Anderson, E. Recombination in species crosses. Genetics,
1939 Princeton, 24: 668.

G8 Anderson, E. Introgressive hybridization. New York, John Wiley.
1949 109pp.

G9 Anderson, E. Introgressive hybridization. Biol. Rev., 28: 280-
1953 307.

G10 Anderson, E. A semigraphical method for the analysis of complex
1960 problems. Technometrics, 2: 387-391.

G11 Anderson, E. The analysis of variation in cultivated plants with
1961 special reference to introgression. Euphytica, 10: 79-86.

G12 Antonovics, J. Evolution in closely adjacent plant populations.
1968 5. Evolution of self-fertility. Heredity, Lond., 23: 219-238.

G13 Antonovics, J. Evolution in closely adjacent plant populations.
1968 6. Manifold effects of gene flow. Heredity, Lond., 23: 507-524.

G14 Aston, J.L. & Bradshaw, A.D. Evolution in closely adjacent
1966 plant populations. Heredity, Lond., 21: 649-664.

G15 Baker, H.G. Hybridization and natural gene-flow between higher
1951 plants. Biol. Rev., 26: 302-337.

G16 Baker, H.G. The contribution of autecological and genecological
1959 studies to our knowledge of the past migrations of plants. Am. Nat., 93: 255-272.

G17 Baker, H.G. & Stebbins, G.L. eds. The genetics of colonizing
1965 species. New York, Academic Press.

G18 Bellman, K. & Ahrens, H. Zum gegenwartigen Stand der
1965 Anwendungsmoglichkeiten der biometrischen Genetik in der Pflanzenzuchtung 1. Teil: Die verschiedenen Formen der genetischen Variabilitat und ihre Bedeutung in der Pflanzenzuchtung. Zuchter, 35: 156-174.

G19 Bennett, E. Historical perspectives in genecology. Rep. Scott.
1964 Plant Breed. Stn., 1964: 49-115.

G20 Bennett, E. Plant introduction and genetic conservation:
1965 genecological aspects of an urgent world problem. Rep. Scott. Plant Breed. Stn., 1965, p.27-113.

G21 Bennett, E. Adaptation in wild and cultivated plant
1970 populations. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.115-129.

G22 Bennett, E. Genecology, genetic resources and plant breeding.
1979 Genet. Agrar. 24: 210-220.

G23 Berry, R.J. Conservation and the genetical constitution of
1971 populations. Brit. Ecol. Soc. Symp., 11: 177-206.

G24 Birch, L.C. The role of environmental heterogeneity and
1970 genetical heterogeneity in determining distribution and abundance. Wageningen Proc. Adv. Study Inst. Dynamics Numbers Popul., p.109-128.

G25 Bodmer, W.F. & Parsons, P.A. Linkage and recombination in
1962 evolution. Adv. Genet., 11: 1-100.

G26 Borkovskaya, V.A. & Aver'yanova, T.M. {The problem of
1974 populations of higher plants in the works of E.N. Sinskaya.} Trudy Prikl. Bot. Genet. Selek., 52: 28-38. (In Russian).

G27 Bradshaw, A.D. Evolutionary significance of phenotypic
1965 plasticity in plants. Adv. Genet., 13: 115-155.

G28 Bradshaw, A.D. Population structure and the effects of isolation
1975 and selection. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.37-51.

G29 Briggs, D. & Walters, S.M. Plant variation and evolution. New
1969 York, McGraw-Hill.

G30 Brougham, R.W.& Harris, W. Rapidity and extent of changes in
1967 genotypic structure induced by grazing in a ryegrass population. N.Z.J. Agric. Res., 10: 56-65.

G31 Brown, A.H.D. 1978 Isoenzymes, plant population genetic structure and genetic conservation. Theor. Appl. Genet., 52: 145-157.

G32 Brown, A.H.D., Zohary, D. & Nevo, E. 1978 Outcrossing rates and heterozygosity in natural populations of Hordeum spontaneum Koch in Israel. Heredity, Lond., 41: 49-62.

G33 Brown, A.H.D., Nevo, E., Zohary, D. & Dagan, O. 1978 Genetic variation in natural populations of wild barley (Hordeum spontaneum). Genetica, 49: 97-108.

G34 Burt, R.L., Williams, W.T. & Compton, J.F. 1973 Variation within naturally occurring Townsville stylosanthes (Stylosanthes humilis) populations: changes in population structure and some agronomic implications. Australian J. Agric. Res., 24: 703-713.

G35 Chapman, G.P. 1970 Patterns of change in tropical plants. London, London University Press. 112pp.

G36 Clausen, J. 1961 Introgression facilitated by apomixis in polyploid poas. Euphytica, 10: 87-94.

G37 Clausen, J. 1966 Stability of genetic characters in Tragopogon species through 200 years. Trans. Bot. Soc. Edinb., 40: 148-158.

G38 Clausen, J. 1969 Genecology and breeding. In Chisci, G.C. & Haussmann, G., eds. 5th Congr. Eucarpia. Genet. Agrar., p.405-424.

G39 Clausen, J., Keck, D.D. & Hiesey, W.M. 1947 Heredity of geographically and ecologically isolated races. Am. Nat., 81: 114-133.

G40 Cooke, P. & Mather, K. 1962 Estimating the components of continuous variation. 2. Genetical. Heredity, Lond., 17: 211-236.

G41 Cooper, J.P. 1957 Developmental analysis of populations in the cereals and herbage grasses. 2. Response to low temperature vernalisation. J. Agric. Sci., 49: 361-383.

G42 Cooper, J.P. 1959 Selection and population structure in Lolium. 1. The initial populations. Heredity, Lond., 13: 317-340.

G43 Cooper, J.P. 1959 Selection and population structure in Lolium. 2. Genetic control of date of ear emergence. Heredity, Lond., 13: 445-459.

G44 Cooper, J.P. 1959 Selection and population structure in Lolium. 3. Selection for date of ear emergence. Heredity, Lond., 13: 461-479.

G45 Cooper, J.P. 1960 Selection and population structure in Lolium. 4. Correlated response to selection. Heredity, Lond., 14: 229-246.

G46 Cooper, J.P. 1964 Climatic variations in forage grasses. Span, 7: 21-24.

G47 Creed, R. 1971 Ecological genetics and evolution. Blackwell, Oxford.

G48 Cress, C.E. 1966 Heterosis of the hybrid related to gene frequency differences between two populations. Genetics, Princeton, 53: 269-274.

G49 Crow, J.F. & Nagylaki, T. 1973 The rate of change of a character correlated with fitness. Am. Nat., 10: 207-213.

G50 Doggett, H. 1965 Disruptive selection in crop development. Nature, Lond., 206: 279-280.

G51 Dorst, J.C. 1957 Adaptation. Euphytica, 6: 247-254.

G52 Ehrlich, P.R. & Raven, P.H. 1969 Differentiation of populations. Science, N.Y., 165: 1228-1232.

G53 Epling, C. 1947 Actual and potential gene-flow in natural populations. Am. Nat., 81: 104.

G54 Evans, A.M. 1978 The genetic variability of crop plants. In Hughes, J.G., ed. Conservation of plant genetic resouces. Proc. Section K & M British Assoc. Adv. Sci., Aston 1977. Birmingham, Aston University, p.8-13.

G55 Evans, L.T. 1976 Physiological adaptation to performance as crop plants. Phil. Trans. Roy. Soc. Lond. B., 275: 71-83.

G56 Felsenstein, J. 1974 The genetic structure of populations. Science, N.Y., 186: 1028.

G57 Finlay, K.W. 1964 Adaptation - its measurement and significance in barley breeding. Proc. 1st Int. Barley Genet. Symp., p.351-359.

G58 Finlay, K.W. & Wilkinson, G.N. 1963 The analysis of adaptation in a plant-breeding programme. Aust. J. Agric. Res., 14: 742-754.

G59 Fisher, R. 1953 Population genetics. Proc. Roy. Soc., B, 141: 510-523.

G60 Ford, E.B. 1964 Ecological genetics. London, Chapman and Hall. 395pp.

G61 Frankel, O.H. 1966 Adaptability of crops. New Sci., 31: 144-145.

G62 Frankel, O.H. 1970 Variation - the essence of life. Proc. Linn. Soc. N.S.W., 95: 158-169.

G63 Freedman, R. 1975 Biochemical adaptation to the environment. New Sci., 67: 270-271.

G64 Gale, J.S. & Arthur, A.E. 1972 Variation in wild populations of Papaver dubium. 4. A survey of variation. Heredity, Lond., 28: 91-100.

G65 Galini, M.M. & Witcombe, J.R. 1980 The distribution of morphological variability of barley and wheat in a Himalayan centre of diversity. Pakistan J. Agric. Res., 1: 1-17.

G66 Gay, P.A. 1960 A new method for the comparison of populations that contain hybrids. New Phytol., 59: 218-226.

G67 Gottlieb, J.E. 1968 Plants: adaptation through evolution. New York, Reinhold. 114pp.

G68 Graham, K.M. & Hodgson, W.A. 1965 Effect of major and minor gene interaction on adaptive parasitism in Phytophthora infestans. Phytopathology, 55: 73-75.

G69 Grant, V. 1956 The influence of breeding habit on the outcome of natural hybridization in plants. Am. Nat., 90: 319-322.

G70 Grant, V. 1963 The origin of adaptations. New York, Columbia University Press.

G71 Gregor, J.W. 1930 Experiments on the genetics of wild populations. J. Genet., 22: 15-25.

G72 Gregor, J.W. 1956 Adaptation and ecotypic components. Proc. Roy. Soc. B., 145: 333-337.

G73 Gregor, J.W. 1956 Genotypic-environmental interaction and its bearing on a practical problem of international interest. Proc. 7th Int. Grassl. Congr., 5: 3-11.

G74 Gregor, J.W. & Horne, F.R. 1935 Growth forms: genecology and its agricultural significance. Agric. Prog., 12: 89-98.

G75 Gregor, J.W. & Sansome, F.W. 1930 Experiments on the genetics of wild populations. J. Genet., 22: 373-387.

G76 Gustafsson, A. 1946 The effect of heterozygosity on variability and vigour. Hereditas, 32: 263-286.

G77 Habgood, R.M. 1977 Estimation of genetic diversity of self-fertilizing cereal cultivars based on genotype-environment interactions. Euphytica, 26: 485-489.

G78 Hamrick, J.L. 1982 Plant population genetics and evolution. Am. J. Bot., 69: 1685-1693.

G79 Harberd, D.J. 1958 Progress and prospects in genecology. Rep. Scott. Plant Breed. Stn., 1958: 52-60.

G80 Harberd, D.J. 1961 Observation on population structure and longevity of Festuca rubra L. New Phytol., 60: 184-206.

G81 Harberd, D.J. 1961 The case for extensive rather than intensive sampling in genecology. New Phytol., 60: 325-338.

G82 Harlan, J.R. 1956 Distribution and utilization of natural variability in cultivated plants. Brookhaven Symp. Biol., 1956: 191-208.

G83 Harlan, J.R. 1963 Natural introgression between Bothriochloa ischaemum and B. intermedia in West Pakistan. Bot. Gaz., 124: 294-300.

G84 Harper, J.L. 1977 Population biology of plants. London, Academic Press. 892pp.

G85 Hartley, W. 1950 The global distribution of tribes of the Gramineae in relation to historical and environmental factors. Aust. J. Agric. Res., 1: 355-373.

G86 Hartley, W. 1970 Climate and crop distribution. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.143-153.

G87 Haskell, G. 1952 Heterosis and adaptability. Rep. 13th Int. Hort. Congr., p.365-374.

G88 Hayes, H.K. 1952 Development of the heterosis concept. In Gowen, J.W. ed. Heterosis. Iowa, Iowa State College Press, p.49-65.

G89 Hedin, L. 1961 Recherches recentes sur l'adaptation des especes et des types de plantes cultivees. J. Agric. Trop. Bot. Appl., 8: 703-713.

G90 Heiser, C.B. 1949 Natural hybridization with particular reference to introgression. Bot. Rev., 15: 645-687.

G91 Heiser, C.B. Jr. 1965 Sunflowers, weeds and cultivated plants. In Baker, H.G. & Stebbins, G.L., eds. The genetics of colonising species. New York, Academic Press, p.391-401.

G92 Heslop-Harrison, J. 1959 Variability and environment. Evolution, Lancaster, Pa., 13: 145-147.

G93 Heslop-Harrison, J. 1964 Forty years of genecology. Adv. Ecol. Res., 2: 159-247.

G94 Hiesey, W.M. 1953 Comparative growth between and within climatic races of Achillea under controlled conditions. Evolution, Lancaster, Pa., 7: 297-316.

G95 Hillel, J., Feldman, M.W. & Simchen, G. 1973 Mating systems and population structure in two closely related species of the wheat group. 1. Variation between and within populations. Heredity, Lond., 30: 141-167.

G96 Hiorth, G.E. 1973 La variabilidad genetica de los cultivos. Serie Didactica. Univ. Nac. Cordoba, Argentina, No.1, 76pp.

G97 Holgate, P. 1966 Two limit distributions in evolutionary genetics. J. Theor. Biol., 11: 362-369.

G98 Hurlbert, S.A. 1971 The non-concept of species diversity. A critique and alternative parameters. Ecology, 52: 577-586.

G99 Imam, A.G. & Allard, R.W. 1965 Population studies in predominantly self-pollinated species. 6. Genetic variability between and within natural populations of wild oats from differing habitats in California. Genetics, Princeton, 51: 49-62.

G100 Jain, S.K. 1964 Population studies in predominantly self-pollinated species. 7. Survival of a male-sterility gene in relation to heterozygosis in barley populations. Genetics, Princeton, 50: 905-913.

G101 Jain, S.K. 1975 Population structure and the effects of breeding system. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.15-36.

G102 Jain, S.K. 1975 Simulation of models involving mixed selfing and linkage in finite populations. Theoret. Appl. Genet., 38: 232-242.

G103 Jain, S.K. & Allard, R.W. 1960 Population studies in predominantly self-pollinated species. 1. Evidence for heterozygote advantage in a closed population of barley. Proc. Nat. Acad. Sci. U.S.A., 46: 1371-1377.

G104 Jain, S.K. & Allard, R.W. The nature and stability of equilibria
1965 under optimizing selection. Proc. Nat. Acad. Sci. U.S.A., 54: 1436-1443.

G105 Jain, S.K. & Bradshaw, A.D. Evolutionary divergence among
1966 adjacent plant populations. 1. The evidence and its theoretical analysis. Heredity, Lond., 21: 407-441.

G106 Jain, S.K. & Marshall, D.R. Population studies in predominantly
1966 self-pollinated species. 10. Variation in natural populations of Avena fatua and A. barbata. Am. Nat., 101: 19-33.

G107 Jain, S.K. & Rai, K.N. Population biology of Avena. 4.
1974 Polymorphism in small populations of Avena fatua. Theor. Appl. Genet., 44: 7-11.

G108 Jensen, N.F. Population variability in small grains. Agron. J.,
1965 57: 153-162.

G109 Jones, D.A. & Wilkins, D.A. Variation and adaptation in plant
1971 species. London, Heinemann. 151pp.

G110 Jucci, C. The genecological basis of exploration and
1963 collection. Genet. Agrar., 17: 51-70.

G111 Kimura, M. A stochastic model concerning the maintenance of
1965 genetic variability in quantitative characters. Proc. Nat. Acad. Sci. U.S.A., 54: 731-736.

G112 Kimura, M. Genetic variability maintained in finite
1968 populations due to mutational production of neutral and nearly neutral isoalleles. Genet. Research 11: 247-269.

G113 Kimura, M. & Crow, J.F. The number of alleles that can be
1964 maintained in a finite population. Genetics, Princeton, 49: 725-738.

G114 Kolata, G.B. Population genetics: re-evaluation of genetic
1974 variation. Science, N.Y., 184: 452-455.

G115 Krimbas, C.B. Release of genetic variability through
1961 recombination. Genetics, Princeton, 46: 1323-1334.

G116 Krivic, T. {The genetic variability of native populations - a
1973 source for the effective improvement of economic plants.} Zborn. Biotehn. Fakul. Univ. Ljubljani, Kmetijstvo, 21: 93-99. (In Yugoslav).

G117 Kuptsov, A.J. Parallelism in the variability of plant species
1959 with certain common characters. Z. Pflanzenzucht. 41: 313-324.

G118 Kuptsov, A.J. 1975 Vavilov's law of homologous series at the fiftieth anniversary of its fomulation. Econ. Bot., 29: 372-379.

G119 Kurtz, E.D. Jr. 1960 Biochemistry of adaptation in plants to environment. 876pp.

G120 Langlet, O. 1971 Two hundred years of genecology. Taxon, 20: 653-722.

G121 Latter, B.D.H. 1966 The interaction between effective population size and linkage intensity under artificial selection. Genet. Research, Cambridge, 7: 313-323.

G122 Lawrence, M.J. 1972 Variation in wild populations of Papaver dubium 3. Heredity, Lond., 28: 71-90.

G123 Lerner, I.M. 1958 The genetic basis of selection. New York, John Wiley. 273pp.

G124 Levin, D.A. & Kerster, H.W. 1971 Neighborhood structure in plants under diverse reproductive methods. Am. Nat., 105: 345-354.

G125 Levins, R. 1963 Theory of fitness in a heterogeneous environment. 2. Developmental flexibility and niche selection. Am. Nat., 93: 75-90.

G126 Levins, R. 1964 Theory of fitness in a heterogeneous environment. 3. The response to selection. J. Theor. Biol., 7: 224-240.

G127 Levins, R. 1965 Theory of fitness in a heterogeneous environment. 4. The adaptive significance of gene flow. Evolution, Lancaster, Pa., 18: 635-638.

G128 Levins, R. 1965 Theory of fitness in a heterogeneous environment. 5. Optimal genetic systems. Genetics, Princeton, 52: 891-904.

G129 Levins, R. 1970 Extinction. In Gerstenhaber, M., ed. Some mathematical problems in biology. Providence, Rhode Island, Am. Math. Soc.

G130 Lewontin, R.C. 1957 The adaptation of populations to varying environments. Cold Spring Harb. Symp. Quant. Biol., 22: 395-408.

G131 Lewontin, R.C. & Birch, L.C. 1966 Hybridisation as a source of variation for adaptation to new environments. Evolution, Lancaster, Pa., 20: 315-336.

G132 Li, C.C. 1963 Population genetics. 4th ed. Chicago, University of Chicago Press. 361pp.

G133 Masatoshi, N. 1965 Variation and covariation of gene frequencies in subdivided populations. Evolution, Lancaster, Pa., 19: 256-259.

G134 Mather, K. 1943 Polygenic balance in the canalization of development. Nature, Lond., 151: 68.

G135 Mather, K. 1943 Polygenic inheritance and natural selection. Biol. Rev., 18: 32-64.

G136 Mather, K. 1955 Response to selection. Cold Spring Harb. Symp. Quant. Biol., 20: 158-165.

G137 Mather, K. 1959 Evolution in polygenic systems. Accad. Naz. Lincei Quaderno 47, Evoluzione e Genetica. Coloquio Internazionale, Roma, 8-11 aprile 1959, p.131-152.

G138 Mather, K. 1973 Genetical structure of populations. Chapman and Hall, London. 189pp.

G139 Matsuura, H. 1935 The theory of genotypic parallelism as a basis of group-variability. J. Fac. Sci. Hokkaido Imperial Univ., ser. 5, 3: 140-167.

G140 Mehra, K.L. 1981 Analysis of variation in plant populations. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.14-20.

G141 Morley, F.H.W. 1959 Natural selection and variation in plants. Cold Spring Harb. Symp. Quant. Biol., 24: 47-56.

G142 Morley, F.H.W. 1960 An effect of genotype x environment interactions on estimation of genotypic covariances. Aust. J. Stats., 2: 97-101.

G143 Mountford, M.D. 1971 Population survival in a variable environment. J. Theor. Biol., 32: 75-79.

G144 Muhammed, A., Aksel, R. & Borstel, R.C. von., eds. 1977 Genetic diversity in plants. New York, Plenum Press. 506pp.

G145 Muntzing, A. 1959 Darwin's views on variation under domestication in the light of present-day knowledge. Proc. Am. Phil. Soc., 103: 190-220.

G146 Nagamatsu, T. 1962 {Genecological studies on the varietal differentiation of crop plants. 4. Experiments on several rape varieties.} Sci. Bull. Fac. Agric. Kyushu Univ., 19: 319-340. (In Japanese)

G147 Nassar, R. & Fraser, A. 1965 Selection and polygenes. Nature, Lond., 206: 323-324.

G148 Nei, M. 1972 Genetic distance between populations. Am. Nat., 106: 283-292.

G149 Nevo, E. 1978 Genetic variation in natural populations; patterns and theory. Theor. Pop. Biol., 13: 121-177.

G150 Paterniani, E. 1969 Selection of reproductive isolation between two populations of maize, Zea mays L. Evolution, Lancaster, Pa., 23: 534-547.

G151 Peet, R.K. 1974 The measurement of species diversity. Ann. Rev. Ecol. Syst., 5: 285-307.

G152 Perlova, R.L. 1958 {Behaviour of various wild and cultivated species in various geographic regions of the USSR.} Moscow, Academy of Sciences USSR. 235pp. (In Russian)

G153 Petersen, H.L. 1982 Natural selection in populations of cross-pollinated species. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.109-124.

G154 Powell, J.R. 1971 Genetic polymorphism in a varied environment. Science, N.Y., 174: 1035-1036.

G155 Rosenhan, D.L. 1973 Gene flow and population differentiation. Science, N.Y., 179: 243-250.

G156 Schwanitz, F. 1959 Selection and race formation in cultivated plants. Cold Spring Harbour Symp. Quant. Biol., 24: 107-114.

G157 Sinskaya, E.N. 1931 {The study of species in their dynamics and inter-relation with different types of vegetation.} Trudy Prikl. Bot. Genet. Selek., 25: 1-97. (In Russian)

G158 Sinskaya, E.N. 1937 {Problems of populations in higher plants.} Usp. Sovrem. Biol., 10: 446-470. (In Russian)

G159 Sinskaya, E.N. 1948 {Species dynamics.} Moscow, Ogiz Selkhozgiz. 526pp. (In Russian)

G160 Sinskaya, E.N. 1960 {Methods of analysis of plant populations.} Byull. Mosk. Obshch. Ispyt. Priroda, 65: 77-88. (In Russian)

G161 Sinskaya, E.N. 1961 {The problems of populations in higher plants.} Trudy Vses. Inst. Rastenievod. Leningrad, 1-151. (In Russian)

G162 Solbrig, O., ed. 1980 Demography and evolution in plant populations. Botanical Monographs. Vol.15. Oxford, Blackwell Scientific Publications. 222pp.

G163 Stebbins, G.L. Self-fertilisation and population variability in
1957 the higher plants. Am. Nat., 91: 337-354.

G164 Stebbins, G.L. Longevity, habitat, and release of genetic
1958 variability in the higher plants. Cold Spring Harb. Symp. Quant. Biol., 23: 365-378.

G165 Stebbins, G.L. & Daly, K. Changes in the variation pattern of a
1961 hybrid population over an eight-year period. Evolution, Lancaster, Pa., 15: 60-71.

G166 Stebbins, G.L. Chromosomal evolution in higher plants. London,
1971 Edward Arnold.

G167 Suneson, C.A. & Ramage, R.T. Competition between near-isogenic
1962 genotypes. Crop Sci., 2: 249-250.

G168 Svab, J. {Characterization of the genotype spectrum by
1979 biometrical methods in plant collections.} Agrobotanika, 12: 21-29. (In Hungarian).

G169 Thoday, J.M. Disruptive selection. Proc. Roy. Soc. B., 182:
1972 109-143.

G170 Udovenko, G.V. {Salt-tolerance in cultivated plants and its
1975 physiological nature.} Trudy Prikl. Bot. Genet. Selek., 54: 173-187. (In Russian, English summary)

G171 Vavilov, N.I. The law of homologous series in variation. J.
1922 Genet., 12: 47-89.

G172 Vavilov, N.I. {Geographical regularities in the distribution of
1927 the genes of cultivated plants.} Trudy Prikl. Bot. Genet. Selek., 17: 411-428. (In Russian).

G173 Vavilov, N.I. {The law of homologous series in the heritable
1967 variability: the Linnean species as a system.} Leningrad, Nauka. 91pp. (In Russian).

G174 Waddington, C.H. & Robertson, E. Selection for development
1966 canalisation. Genet. Research, Cambridge, 7: 303-312.

G175 Welsh, J.R. Fundamentals of plant genetics and breeding. New
1981 York, John Wiley. 290pp.

G176 Wilkins, D.A. Sampling for genecology. Rep. Scott. Plant Breed.
1959 Stn., 1959: p.92-96.

G177 Wilkins, D.A. Recognising adaptive variants. Proc. Linn. Soc.
1960 Bot., 171: 122-126.

G178 Williams, W. Heterosis and the genetics of complex characters.
1960 Heredity, Lond., 15: 327-328.

G179 Williams, W. & Brown, A.G. 1956 Genetic response to selection in cultivated plants: gene frequencies in varieties of Prunus persica. Proc. Roy. Soc., B., 145: 337-347.

G180 Wilsie, C.P. 1962 Crop adaptation and evolution. London, Freeman.

G181 Wit, F. 1964 Natural and experimental hybrids of ryegrass and meadow fescue. Mededeling, 45: 294-304.

G182 Wohrmann, K. 1967 Genetishe Variabilitat und relative Fitness in verwiegend selbstbefruchtenden Populationen. Zuchter, 37: 56-62.

G183 Wricke, G. 1965 Die Erfassung der Wechselwirkung zwischen Genotyp und Umwelt bei quantitativen Eigenschaften. Z. Pflanzenzucht., 53: 266-343.

G184 Wright, S. 1940 Breeding structure of populations in relation to speciation. Am. Nat., 74: 232-248.

Other relevant references :

B8,B139,B165,B211,B213,C37,C41,C56,C59,J80,K73,L46,AVE16,HOR41

H CROP ECOLOGY, AGROECOLOGY AND AGRICULTURAL SYSTEMS

H1 Barrau, J. 1961 Subsistence agriculture in Polynesia and Micronesia. B.P. Bishop Museum, Honolulu, Bull. 233, p. 37.

H2 Bennett, E. 1971 The origin and importance of agroecotypes in South West Asia. In Davis, P.H., Harper, P.C. & Hedge, I.C., eds. Plant life in South West Asia. Edinburgh, Edinburgh Botanical Society, p. 219-234.

H3 Brookhaven Nat. Lab. 1969 Diversity and stability in ecological systems. Brookhaven Symp. Biol., 22. 264pp.

H4 Clausen, J. 1953 The ecological race as a variable biotype compound in dynamic balance with its environment. IUBS Symp. Genetics of Population Structure, 1953, p.105-113.

H5 Cooper, J.P. 1970 Environmental physiology. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.131-142.

H6 Cox, G.W. & Atkins, M.D. 1979 Agricultural ecology. An analysis of world food production systems. San Francisco, Freeman. 721pp.

H7 Creech, R., ed. Ecological genetics and evolution. Oxford, 1971 Blackwell. 37 pp.

H8 Dansereau, P. An ecological perspective. Nature, Lond., 181: 1958 586.

H9 De, R. Farming systems in north western India. In Mehra, 1981 K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.124-126.

H10 Dimbleby, G.W. Climate, soil and man. Phil. Trans. Roy. Soc. 1976 Lond. B., 275: 197-208.

H11 Felger, R.S. & Nabhan, G.P. Agroecosystem diversity: a model 1978 from the Sonoran desert. In Gonzalez, N.L., ed. Social and technological management in drylands. Past and present, indigenous and imposed. Boulder, Colorado, Westview Press, p.129-149.

H12 Getahun, A. Agro-climates and agricultural systems in Ethiopia. 1980 Agric. Syst., 5: 39-50.

H13 Godron, M. & Poissonet, J. Standardization and treatment of 1970 ecological observations. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.189-204.

H14 Goldsmith, F.B. An assessment of the Fosberg and Ellenberg 1974 methods of classifying vegetation for conservation purposes. Biol. Conserv., 6: 3-6.

H15 Greenland, D.J. Evolution and development of different types of 1974 shifting cultivation. Soils Bull., FAO, 24: 5-13.

H16 Gregor, J.W. The ecotypic concept in relation to the 1933 registration of crop plants. Ann. Appl. Biol., 20: 205-219.

H17 Gregor, J.W. The ecotype. Biol. Rev., 19: 20-30. 1944

H18 Gregor, J.W. Ecotypic differentiation. New Phytol., 45: 254-270. 1946

H19 Gregor, J.W. Some reflections on intra-specific ecological 1947 variation and its classification. Trans. Proc. Bot. Soc. Edinb., 34: 377-391.

H20 Gregor, J.W. & Watson, P.J. Ecotypic differentiation: observa- 1961 tions and reflections. Evolution, Lancaster, Pa., 15: 166-173.

H21 Grigg, D.B. 1974 The agricultural systems of the world. An evolutionary approach. Cambridge, Cambridge University Press. 358pp.

H22 Harper, J.L. et al. 1961 The evolution and ecology of closely related species living in the same area. Evolution, Lancaster, Pa., 15: 209-227.

H23 Harris, D.R. 1971 The ecology of swidden cultivation in the upper Orinoco rain forest, Venezuela. Geogr. Rev., 61: 475-495.

H24 Henry, J.M. 1970 The development of agrobioclimatic techniques. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.205-220.

H25 Heywood, V.H. 1959 The taxonomic treatment of ecotypic variation. Systematics Association Pub. no.3, p.87-112.

H26 Janzen, D.H. 1973 Tropical agroecosystems. Science, N.Y., 182: 1212-1219.

H27 Loomis, R.S. 1976 Agricultural systems. Scient. Am., 235: 99-105.

H28 May, R.M. 1973 Stability and complexity in model ecosystems. Princeton, Princeton University Press.

H29 Miller, P.A. 1958 Estimates of genotypic and environmental variances and covariances in upland cotton and their implications in selection. Agron. J., 50: 126-131.

H30 Morley, F.H.W. & Frankel, O.H. 1959 An ecogenetic research programme with introduced plants. Biogeog. Ecol. Australia, 8: 577-586.

H31 Newbury, P.A.R. 1980 A geography of agriculture. Plymouth, U.K., Macdonald & Evans. 326pp.

H32 Ochse, J.J. et al. 1966 Tropical and sub-tropical agriculture. New York, Macmillan.

H33 Oda, K., et al. 1972 {Ecology of cultivated land.} Ecology Study Series 6. Tsukiji-shokan. Tokyo. (In Japanese).

H34 Papadhakis, J. 1964 Crop ecology and agricultural development. Field Crop Abstr., 17: 85-88.

H35 Porteres, R. 1950 Vieilles agricultures de l'Afrique intertropicale. Agron. Trop., 5: 497-507.

H36 Ruthenberg, H. 1976 Farming systems in the tropics. Oxford, Clarenden Press. 366pp.

H37 Sinskaya, E.N. {On the purposes of applied ecology.} Trudy
1932 Prikl. Bot. Genet. Selek., Series 9, 1:255-275. (In Russian)

H38 Sinskaya, E.N. Investigations on the composition of ecotypical
1958 and varietal populations. Rep. Scott. Plant Breed. Stn., 1958: p.31-40.

H39 Smith, D.F. & Hill, D.M. Natural and agricultural ecosystems. J.
1975 Environ. Qual., 4: 143-145.

H40 Snaydon, R.W. Plant demography in agricultural systems. In
1980 Solbrig, O., ed. Demography and evolution in plant populations. Botanical Monographs. Vol.15. Oxford, Blackwell Scientific Publications, p.131-160.

H41 Spedding, C.R.W. The biology of agricultural systems. London,
1975 Academic Press. 261pp.

H42 Spedding, C.R.W. An introduction to agricultural systems.
1979 London, Applied Science Publishers. 169pp.

H43 Stanhill, G. A comparative study of the Egyptian agro-ecosystem.
1979 Agro-Ecosystems, 5: 213-230.

H44 Turesson, G. The ecotypical response of the plant species to the
1922 habitat. Hereditas, 3: 211-350.

H45 Vavilov, N.I. {Agroecological survey of the main field crops.}
1957 Moscow, Academy of Sciences USSR. 400pp. (In Russian).

H46 Vavilov, N.I. & Bukinich, D.D. {Agricultural Afghanistan.}
1929 Trudy Prikl. Bot. Genet. Selek., supplement 33: 1-533. (In Russian, French summary)

H47 Vavilov, N.I. & Bukinich, D.D. (Agricultural Afghanistan.) In
1959 Vavilov, N.I. Selected works, vol.1. Moscow, Leningrad, Acad. Sci. USSR, p.1-394. (In Russian)

H48 Webster, C.C. & Wilson, P.N. Agriculture in the tropics. 2nd ed.
1980 London, Longman. 640pp.

H49 Witcombe, J.R. The distribution of cropping systems in northern
1977 Pakistan. Agro-Ecosystems, 3: 285-290.

Other relevant references :

A233,A301,A318,B89,B129,E31,G24,G39,G72,G74,G130,J137,R15,VEG1

J EXPLORATION AND SAMPLING STRATEGIES

J1 Ahmad, Z., Mohmand, A.S., Haqani, A.M., Hashmi, N.I., Malik, B.A. 1982 & Bhatti, M.S. Collecting chickpea and lentil in Pakistan. Plant Genet. Resour. Newsl., 52: 2-4.

J2 Ahmadi, A.B.El & Croston, R.P. Collecting in Jebel Marra, Sudan. 1981 Plant Genet. Resour. News., 46: 18-19.

J3 Alazzeh, A.Al., Hammer, K., Lehmann, C.O. & Perrino, P. Report 1982 on a travel to the Socialist People's Libyan Arab Jamahiriya 1981 for the collection of indigenous taxa of cultivated plants. Kulturpflanze, 30: 191-202.

J4 Alazzeh, A.Al., Hammer, K., Lehmann, C.O. & Perrino, P. 1982 Collecting in Libya. Plant Genet. Resour. Newsl., 49: 22-23.

J5 Allard, R.W. Population structure and sampling methods. In 1970 Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.97-107.

J6 Allen, J. In search of the perfect cocoa bean. New Sci., 97: 1983 293-296.

J7 Arora, R.K. Report on wheat collections from Western India. 1979 Plant Genet. Resour. Newsl., 38: 18-19.

J8 Arora, R.K. Collecting in the Sikkim Himalayas. Plant Genet. 1981 Resour. Newsl., 46: 20-24.

J9 Arora, R.K. Herbarium studies - collection and preservation of 1981 plants and the utility of such collections in plant genetic resrouces exploration. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.38-45.

J10 Arora, R.K. Plant genetic resources exploration and collection: 1981 planning and logistics. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.46-54.

J11 Arora, R.K. Crop collecting in Malawi and Zambia, 1980. Plant 1980 Genet. Resour. Newsl., 44: 26-32.

J12 Arora, R.K. & Koppar, M.N. Wheat collections from Central India. 1981 Plant Genet. Resour. Newsl., 47: 28-30.

J13 Arora, R.K. & Koppar, M.N. compilers. Activities on plant
1981 exploration and collection (1960-1980) at NBPGR, New Delhi, India. New Delhi, NBPGR. 26pp.

J14 Arora, R.K. & Mehra, K.L. Special explorations for the
1977 collection of cultivated plants and their wild relatives in India. Bull. Bot. Surv. India, 19: 139-144.

J15 Arora, R.K. & Mehra, K.L. Exploration in northeast India
1978 (Cereals and pulses). Plant Genet. Resour. Newsl., 34: 4-8.

J16 Arora, R.K., Chandel, K.P.S. & Koppar, M.N. Genetic diversity in
1982 cold, arid western Himalayas. Plant Genet. Resour. Newsl., 51: 27-30.

J17 Astley, D. Collecting in Ethiopia. Cruciferae Newsl., 7: 3-4.
1982

J18 Astley, D., Gyorgis, A.M.H. & Toll, J. Collecting brassicas in
1982 Ethiopia. Plant Genet. Resour. Newsl., 51: 15-20.

J19 Ayad, W.G., Croston, R.P. & Khawlani, M.A.Al. Collecting in the
1980 Yemen Arab Republic II. Plant Genet. Resour. Newsl., 43: 25-27.

J20 Badra, T., Edena, A.A.O. & Nath, P. Vegetable and fruit
1982 collecting in Nigeria. Plant Genet. Resour. Newsl., 50: 41-44.

J21 Barton, D.W. Horticultural germ plasm: its exploration and
1968 preservation. Hortic. Sci., 3: 241-243.

J22 Bennett, E. FAO Afghanistan wheat collection. Plant Genet.
1970 Resour. Newsl., 23: 3-17.

J23 Bennett, E. Tactics of plant exploration. In Frankel, O.H. &
1970 Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.157-179.

J24 Bennett, E. Introduction : exploration. In Frankel, O.H. &
1970 Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.235-237.

J25 Beridze, R.K., Hanelt, P. & Kruse, J. Report of a travel to the
1982 Georgian SSR 1981 for the collection of indigenous material of cultivated plants. Kulturpflanze, 30: 203-213.

J26 Berthaud, J. & Guillaumet, J.-L. Les cafeiers sauvages en
1978 Centrafrique. Resultats d'une mission de prospection (janvier-fevrier 1975). Cafe Cacao The,, 22: 171-186.

J27 Bettencourt, E. & Gusmao, L. Maize collecting in the Azores.
1981 Plant Genet. Resour. Newsl., 46: 15-17.

J28 Bhatti, M.S., Israr-ul-Haq, Hashmi, N.I. & Ahmed, Z. Fruit
1982 collecting in Baltistan, Pakistan. Plant Genet. Resour. Newsl., 50: 9-13.

J29 Bogyo, T.P., Porceddu, E. & Perrino, P. Analysis of sampling
1980 strategies for collecting genetic material. Econ. Bot., 34: 160-174.

J30 Bohanec, B., Javornik, B. & Kreft, I. Recent collecting of
1982 buckwheat in Yugoslavia. Fagopyrum, 2: 23-24.

J31 Brezhnev, D.D. Plant exploration in the USSR. In Frankel, O.H.
1975 & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.147-150.

J32 Brezhnev, D.D. {Collection, maintenance and utilization of the
1975 world plant resources in the USSR.} Izv. Akad. Nauk. SSSR. Ser. Biol., No.4, p.477-502. (In Russian. English summary)

J33 Broue, P. & Grace, J.P. Overseas plant collections, August 1971
1976 - June 1976. Australian Plant Intro. Rev., 11: 24-32.

J34 Broue, P., Cornish, P.S., Kaehne, I.D. & Mathison, M.J. Plant
1975 collecting in central Asia and the Caucasus region of USSR. Australian Plant Intro. Rev., 10: 11-26.

J35 Brown, A.H.D. & Munday, J. Population-genetic structure and
1982 optimal sampling of landraces of barley from Iran. Genetica, 58: 85-96.

J36 Budin, K.Z. & Shmaraev, G.E. {A visit to the centres of
1971 provenance and varietal diversity of cultivated plants (Peru).} Trudy Prikl. Bot. Genet. Selek., 45: 238-271. (In Russian)

J37 Bunting, A.H. & Kuckuck, H. Ecological and agronomic studies
1970 related to plant exploration. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.181-188.

J38 CIP Workshop on germ-plasm exploration and taxonomy of
1973 potatoes. Publication of the Centro Internacional de le Papa. Lima, Peru. 35pp. (mimeographed).

J39 Chandel, K.P.S. Gene pool sampling in field crops. In Mehra,
1981 K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.21-26.

J40 Chang, T.T. 1975 Exploration and survey in rice. In Frankle, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.159-165.

J41 Chang, T.T. et al. 1972 Manual for field collectors of rice. Los Banos, International Rice Research Institute. 32pp.

J42 Clark, J. 1956 Collection, preservation and utilization of indigenous strains of maize. Econ. Bot., 10: 194-200.

J43 Comeau, A. & Tuten, C. 1982 Turkey: searching for resistance to barley yellow dwarf virus. Plant Genet. Resour. Newsl., 49: 37.

J44 Contreras, A. & Ramirez, M. 1978 Solanum series Etuberosa : collecting in Chile. Plant Genet. Resour. Newsl., 35: 11-13.

J45 Coronel, N.E. & Rivaera, N. 1981 Fruit collection in Southeast Asia. IBPGR Southeast Asian Newsl., 5, no.4: 6-9.

J46 Cortessi, H., Bock, T.De. & Denton, I.R. 1981 Beet collecting in Greece. Plant Genet. Resour. Newsl., 46: 40-41.

J47 Creech, J.L. 1957 Research explorations: ornamentals in southern Japan. U.S. Dep. Agric. Res. Serv. Bull. 55pp.

J48 Creech, J.L. 1970 Tactics of exploration and collection. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.221-229.

J49 Crisp, P. & Ford-Lloyd, B.V. 1981 A different approach to vegetable germplasm collection. Plant Genet. Resour. Newsl., 48: 11-12.

J50 Cristea, M. & Gaspar, I. 1979 {Exploration and collection of plant genetic resources.} Probleme Genet. Teoretica Aplicata, 11: 65-75. (In Rumanian, English summary)

J51 Croston, R.P. & Ahmadi, A.B.El. 1982 Collecting in Darfur, Sudan. Plant Genet. Resour. Newsl., 50: 28-31.

J52 Croston, R.P. & Dorji, T. 1981 Collecting in Bhutan. Plant Genet. Resour. Newsl., 48: 4-6.

J53 Damania, A.B. & Rao, V.A. 1979 Collecting sorghum in Somalia. Plant Genet. Resour. Newsl., 40: 14-16.

J54 Dambroth, M. & Hondelmann, W. 1981 Some notes on the collection of land-races of cultivated plants indigenous to the territory of the Federal Republic of Germany. Kulturpflanze, 29: 41-45.

J55 Date, R.A. & Halliday, J. Collection of strains of Rhizobium. In
1979 Mott, G.O., ed. Handbook for the collection, preservation and characterization of tropical forage germplasm resources. Cali, Colombia, CIAT, p.21-26.

J56 Daus, S.J. & Lauer, D.T. SLAR imagery for evaluating wildland
1971 vegetational resources. Proceedings of the American Society of Photogrammetry. Technical Sessions and Symposium on Computational Photogrammetry. San Francisco, California, p.386-392.

J57 Davis, P.H. Hints for hard-pressed collectors. Watsonia, 4:
1961 283-289.

J58 Della, A. Broad bean collecting in Cyprus. Plant Genet.
1980 Resour. Newsl., 44: 17-19.

J59 Denton, I.R. Collecting sorghum and millets in Kenya. Plant
1978 Genet. Resour. Newsl., 35: 22-23.

J60 Denton, I.R. Sorghum and millets in Malawi. Plant Genet.
1979 Resour. Newsl., 38: 20-22.

J61 Erskine, W. & Bourgois, J.J. Wheat and barley in Nepal. Plant
1979 Genet. Resour. Newsl., 39: 19-22.

J62 Ewens, W.J. Random sampling and the rate of gene replacement.
1967 Evolution, Lancaster, Pa., 21: 657-663.

J63 Ewens, W.J. The sampling theory of selectively natural alleles.
1972 Theor. Popul. Biol., 3: 87-112.

J64 Ford-Lloyd, B.V., Benabbad, T. & Sayour, G. Beet collection in
1982 Algeria. Plant Genet. Resour. Newsl., 52: 25-27.

J65 Ford-Lloyd, B.V., Jackson, M.T. & Guerra, A.S. Beet germplasm in
1982 the Canary Islands. Plant Genet. Resour. Newsl., 50: 24-27.

J66 Francis, C.M., Katznelson, J.S. & Collins, W.J. Report on a
1975 legume seed collection tour of Turkey. Australian Plant Intro. Rev., 10: 1-10.

J67 Frankel, O.H. Genetic resources survey as a basis for
1975 exploration. In Frankel, O.H. & Hawkes, J.G. eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.99-109.

J68 Galton, F. Francis Galton's art of travel (1872). 5th ed.
1971 (reprinted). Newton Abbot, David Charles. 354 pp.

J69 Green, R.H. 1979 Sampling design and statistical methods for environmental biologists. New York, John Wiley. 257pp.

J70 Grumm-Grzimailo, A.G. 1962 {Hunting the world's plant resources.} Moscow, Leningrad, Izdat. A.N. SSSR. 148pp. (In Russian)

J71 Halloran, G.H. 1966 Wheat collecting expedition to Afghanistan. Wheat Inf. Serv. , 22: 12-13.

J72 Halloran, G.H. 1968 Wheat collecting expedition to Afghanistan. Proc. 3rd Int. Wheat Genet. Symp., Canberra, 159-160.

J73 Hammer, K. 1978 Bericht uber eine Reise in die CSSR 1977 zur Sammlung autochthoner Sippen von Kulturpflanzen. Kulturpflanze, 26: 261-270.

J74 Hammer, K. & Hanelt, P. 1979 Botanische Ergebnisse einer Reise in die VR Polen 1976 zur Sammlung autochthoner Landsorten von Kulturpflanzen. Kulturpflanze, 27: 109-149.

J75 Hammer, K., Hanelt, P. & Tittel, C. 1977 Sammlung autochthoner Kulturpflanzen auf dem Gebiet der DDR. Kulturpflanze, 25: 89-99.

J76 Hanelt, P. 1979 Collecting in Czechoslovakia and Poland. In Zeven, A.C. & Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.59-66.

J77 Hanelt, P. & Hammer, K. 1975 Bericht uber eine Reise nach Ostmahren und der Slowakei 1974 zur Sammlung autochthoner Sippen von Kulturpflanzen. Kulturpflanze, 23:207-215.

J78 Hanelt, P. & Schultze-Motel, J. 1979 Bericht uber die Reise in die VR Polen zur Sammlung autochthoner Sippen von Kulturpflanze in Jahre 1978. Kulturpflanze, 27: 151-163.

J79 Hanson, J. & Imelda, M. 1981 Collecting in Maluku, Indonesia. Plant Genet. Resour. Newsl., 48: 31-37.

J80 Harberd, D.J. 1961 The case for extensive rather than intensive sampling in genecology. New Phytol., 60: 325-338.

J81 Harlan, J.R. 1959 Plant exploration and the search for superior germplasm for grasslands. Grasslands, Am. Assos. Adv. Sci.: 3-11.

J82 Harlan, J.R. 1975 Practical problems in exploration: Seed crops. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.111-115.

J83 Harries, H.C. 1977 Conservation of coconut genetic resources: sampling strategy. In 3rd Int. Congr. SABRAO Plant Breeding papers: 1.1. Genetic resources, Canberra, Australia, p.12-16.

J84 Hashmi, N.I., Soest, L.J.M., Rao, A.R., Mesken, M. & Ahmad, Z. 1981 Collecting in Baluchistan, Pakistan. Plant Genet. Resour. Newsl., 47: 31-35.

J85 Hawkes, J.G. 1963 International collaboration in potato collecting expeditions. Genet. Agrar., 17: 451-455.

J86 Hawkes, J.G. 1975 Practical problems in exploration: Vegetatively propagated crops. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.117-121.

J87 Hawkes, J.G. 1976 Sampling gene pools. In Simmons, J.B., Beyer, R.I., Brandham, P.E., Lucas, G.L. & Parry, V.T.H., eds. Conservation of threatened plants. NATO Conference Series 1. Ecology. Plenum Press, p.145-154.

J88 Hawkes, J.G. 1980 Crop genetic resources field collection manual. Rome, IBPGR/Eucarpia. 37pp.

J89 Hawkes, J.G. 1981 The 1980 Bolivian potato collection expedition. Potato Progress, 2: 17-19.

J90 Huaman, Z. & Jackson, M. 1973 Report of the CIP collecting expedition to Ancash and La Libertad, Peru. Lima, Peru, International Potato Center. 6pp.

J91 Hyland, H.L. 1975 Recent plant exploration in the USA. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.139-146.

J92 IBPGR 1979 Fruit germplasm collection in Indonesia. Plant Genet. Resour. Newsl., 37: 12-14.

J93 IBPGR 1981 Germplasm collecting in Europe. Plant Genet. Resour. Newsl., 45: 33-47.

J94 IBPGR 1982 New crop priorities. Plant Genet. Resour. Newsl., 51: 35-39.

J95 Ibrahim, K.M. 1979 Forage collection in Kenya. Plant Genet. Resour. Newsl., 39: 7-9.

J96 IITA 1976-1979 Genetic resources unit exploration. Ibadan, IITA. 51pp., 153pp., 287pp., 165pp.

J97 Ito, H. 1974 Collection and preservation of plant genetic resources. In 80 years history of National Institute of Agricultural Sciences, Japan. Japan, NIAS, p.158-163. (In Japanese)

J98 Jánossy, A. 1959 {The collection and maintenance of varieties of cultivated plants and the methods of study employed.} Budapest, Kiserl. Közl., 52A: 3-25. (In Hungarian)

J99 Jackson, M. & Anaya, O. 1974 CIP collecting trip to the department of Cajamarca, May 1974. Lima, Peru, International Potato Center. 7pp.

J100 Joshi, B.D. 1981 Exploration for amaranth in northwest India. Plant Genet. Resour. Newsl., 48: 41-50.

J101 Katayama, T.C. 1968 Scientific report of the rice collection trip to the Philippines, New Guinea, Borneo and Java. Mem. Fac. Agr. Kagoshima Univ., 6: 89-134.

J102 Kawabata, S., Semejima, M. & Nakagahra, M. 1978 {Exploration on germplasm collection of genus Dactylis in Iran and Turkey.} Kanto Grass. For. Res., 2: 32-35. (In Japanese)

J103 Khanna, P.P. 1981 Field processing and transport of the material collected during exploration. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.55-59.

J104 Kihara, H. 1959 Japanese expedition to the Hindukush. Proc. 1st Int. Wheat Genet. Symp. p.243-248.

J105 Kjellqvist, E. 1973 Impressions from collecting expeditions in Turkey. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.78-79.

J106 Kobyyashi, M. 1981 Expeditions for the collection of sweet potato germplasm in tropical America, 1979 and 1980. Annual Report, 1980. Division of Genetics, National Institute of Agricultural Sciences, Japan. Yatabe, Japan, p.52-54.

J107 Krishnamurthi, M. & Koike, H. 1982 Sugarcane collecting expedition: Papua New Guinea, 1977. Hawaiian Plant. Rec., 59: 41pp.

J108 Krug, C.A. 1961 Need for expanded exploration and introduction activities to promote further genetic improvement of coffee, cacao and rubber. Technical meeting on plant exploration and introduction. Rome, FAO.

J109 Kuhn, F., Hammer, K. & Hanelt, P. 1976 Botanische Ergebnisse einer Reise in die CSSR 1974 zur Sammlung autochthoner Landsorten von Kulturpflanzen. Kulturpflanzen, 24: 283-347.

J110 Kuhn, F., Hammer, K. & Hanelt, P. 1980 Botanische Ergebnisse einer Reise in die CSSR 1977 zur Sammlung autochthoner Landsorten von Kulturpflanzen. Kulturpflanze, 28: 183-226.

J111 Kuhn, F., Ohle, H. & Pistrick, K. 1982 Bericht uber eine Reise in die CSSR 1981 zur Sammlung autochthoner Sippen von Kulturpflanzen. Kulturpflanze, 30: 245-254.

J112 Kulpa, W. & Hanelt, P. 1981 Activities regarding collection and evaluation of Polish land-races. Kulturpflanze, 29: 81-90.

J113 Ladizinsky, G. 1975 Collection of wild cereals in the upper Jordan valley. Econ. Bot., 29: 264-267.

J114 Lehmann, C.O. 1981 Collecting European land-races and development of European gene banks - historical remarks. Kulturpflanze, 29: 29-40.

J115 Lehmann, C.O. & Hammer, K. 1979 Bericht uber die Reise nach Sudwest-Spanien zur Sammlung kultivierte und wild wachsender Leguminosen im Jahre 1978. Kulturpflanze, 27: 97-108.

J116 Leppik, E.E. 1965 A pathologist's viewpoint on plant exploration and introduction. Plant Genet. Resour. Newsl., 15: 1-6.

J117 Lo, C.C. & Shong Sun. 1969 Collecting wild cane in Taiwan. Proc. Int. Soc. Sug. Cane Technol., 13: 1047-1055.

J118 Lo, C.C., Chia, Y.H., Chen, W.H., Shang, K.C., Shen, I.S. & Shih, 1978 S.C. Collecting Miscanthus germplasm in Taiwan. Taiwan Sugar, 25: 24.

J119 Mallikarjunaradhya, K. & Kazim, M. 1981 Collecting millet in south India. Plant Genet. Resour. Newsl., 48: 23-24.

J120 Marshall, D.R. & Brown, A.H.D. 1975 Optimum sampling strategies in genetic conservation. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.53-80.

J121 Marshall, D.R., Brown, A.H.D. & Frankel, O.H. Exploration and
1972 conservation of plant genetic resource. In CSIRO, Division of plant industry annual report, 1972. Canberra, Australia. p.19-22.

J122 Mehra, K.L. Collecting in Zambia. Plant Genet. Resour. Newsl.,
1982 50: 45-50.

J123 Mehra, K.L. & Arora, R.K. NBPGR (India) exploration in 1978.
1979 Plant Genet. Resour. Newsl., 40: 17-18.

J124 Mehra, K.L. & Magoon, M.L. Collection, conservation and exchange
1974 of gene pools of forage grasses. Indian J. Genet., Plant Breed. 34: 26-32.

J125 Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration
1981 and collection. NBPGR Sci. Monogr. No.3. New Delhi, National Bureau of Plant Genetic Resources. 132pp.

J126 Meshcherov, E.T. & Kobylyanskaya, K.A. {Expeditions abroad by
1980 the Vavilov Institute of Plant Industry (VIR) 1971-1980.} Trudy Prikl. Bot. Genet. Selek., 68: 45-50. (In Russian, English summary)

J127 Meshcherov, E.T., Kobylyanskaya, K.A. & Chikova, V.A.
1978 {Expeditions of the Vavilov Institute of Plant Industry (VIR) inside the USSR during the ninth five-year plan.} Trudy Prikl. Bot. Genet. Selek., 61: 3-13. (In Russian, English summary)

J128 Misra, B. Collection of grasses in the valley of Kashmir.
1981 Australian Plant Intro. Rev., 13: 27-25.

J129 Molina-Cano, J.L. Numerical taxonomy as an aid to barley
1977 germplasm collection. Barley Genet. Newsl., 7: 45-50.

J130 Molina-Cano, J.L, Conde, J. & Cruz del Campo, S.S. La. Hordeum
1980 spontaneum S.Koch em. Bacht. collected in southern Morocco. Barley Gen. Newsl., 10: 44-47.

J131 Mota, M., Farias, R., Teixeira, M. & Bettencourt, E. Zea and
1982 Phaseolus collecting in Portugal. I. Plant Genet. Resour. Newsl., 50: 20-21.

J132 Mota, M., Gusmao, L. & Bettencourt, E. Lupinus and Secale
1981 collecting in Portugal. Plant Genet. Resour. Newsl., 47: 26-27.

J133 Mota, M., Gusmao, L. & Bettencourt, E. Lupinus and Secale
1982 collecting in Portugal. II. Plant Genet. Resour. Newsl., 50: 22-23.

J134 Mu'Allem, AB.S. Mid-altitude wheat collection in PDR Yemen.
1982 Plant Genet. Resour. Newsl., 51: 9-10.

J135 Muramatsu, M. 1975 The basic significance of plant exploration and collection, and some technical considerations. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.17-25.

J136 Nagamatsu, T. & Omura, T. 1975 Collection and evaluation of local rice varieties in Japan. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.50-55.

J137 Nakao, S. 1956 Barley. In Kihara, H., ed. Land and crops of Nepal Himalaya. Vol.2. Scientific results of the Japanese expeditions to Nepal Himalaya, 1952-1953, p.313-343.

J138 Nassar, N.M.A. 1981 Collecting wild cassava in Brazil. Plant Genet. Resour. Newsl., 47: 14-23.

J139 Nassar, N.M.A. 1982 Collecting wild cassavas Manihot spp. in Brazil. Turrialba, 32: 205-210.

J140 Nasution, R.E. 1982 A banana collecting trip to Molucca. IBPGR Southeast Asian Newsl., 6, no.3: 10.

J141 Nath, R., Majumdar, A. & Mukewar, P.M. 1981 Plant pathological considerations with regard to germplasm exploration and collection. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.101-110.

J142 Ochoa, C. 1955 Expedicion colectora de papas al norte del Peru. Biota, 1: 1-18.

J143 Oka, H.I. 1975 Consideration on the population size necessary for conservation of crop germplasms. In Matsuo, T., ed. JIBP synthesis. Vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.57-63.

J144 Pansiot, F.P. 1962 Exploration, récolte, introduction et échange de plantes en horticulture. Proc. 15th Int. Hort. Congr., 1958: 120-140.

J145 Perrino, P., Hammer, K. & Lehmann, C.O. 1982 Collection of landraces of cultivated plants in south Italy 1981. Kulturpflanze, 30: 181-190.

J146 Perrino, P., Hammer, K. & Lehmann, C.O. 1982 Collecting in southern Italy. Plant Genet. Resour. Newsl., 49: 32-33.

J147 Polignano, G.B. 1979 A collection of horse beans (Vicia faba) landraces in Sicily, Italy. Riv. Agron., 13: 459-466.

J148 Porceddu, E. 1979 Wheat collecting in the Mediterranean region. In Zeven, A.C. & Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.75-82.

J149 Porceddu, E., [1973] Perrino, P. & Olita, G. Preliminary information on an Ethiopian wheat germplasm collection mission. In Scarascia-Mugnozza, G.T., ed. Proc. Symp. genetics and breeding of durum wheat. Bari, Italy. Universita di Bari, p.181-200.

J150 Prasada Rao, K.E. & Mengesha, M.H. 1980 Sorghum and millets in Tanzania. Plant Genet. Resour. Newsl., 42: 21-23.

J151 Qualset, C.O. 1975 Sampling germplasm in a center of diversity; an example of disease resistance in Ethiopian barley. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.81-96.

J152 Quinlivan, B.J. 1974 Plant collecting in Israel - 1973. Australian Plant Intro. Rev., 10: 11-12.

J153 Rajhathy, T., 1968 Zillinsky, F.J. & Hayes, J.D. A collection of wild oat species in the Mediterranean region. Ottawa, Information Division, Canada Department of Agriculture. 25pp.

J154 Rawal, K.M. 1973 Systematic germplasm collection of grain legumes in West Africa. In International Institute of Tropical Agriculture. Proc. 1st IITA grain legume improvement workshop. Ibadan, p.15-16.

J155 Reid, R. 1982 Browse and forage legume collecting in Mexico. Plant Genet. Resour. Newsl., 52: 7-9.

J156 Reid, R. & Lazier, J.R. 1979 Description of the collection site. In Mott, G.O., ed. Handbook for the collection, preservation and characterization of tropical forage germplasm resources. Cali, Colombia, CIAT, p.15-16.

J157 Riley, K.W. & Belayneh, H. 1982 Report from an oilcrop collection trip in Ethiopia. Cruciferae Newsl., 7: 5-6.

J158 Ross, H. 1967 Brief note on an expedition collecting wild types of potatoes in Peruvian Lomas. Eur. Potato J, 10: 239-242.

J159 Royal Geographical Society. Hints to travellers. Organisation
1947 and equipment, scientific observation, health, sickness and injury. 11th ed. vol.2., London, RGS. 472pp.

J160 Ryerson, K.A. The history of plant exploration and an
1967 introduction to the United States Department of Agriculture. Proc. Int. Symposium of Plant Introduction, 1-19.

J161 Sackville-Hamilton, N.R. & Khawlani, M.A.Al. Collecting in the
1981 YAR III. Plant Genet. Resour. Newsl., 45: 13-16.

J162 Sanwal, K.C. Nematological aspects of germplasm collection. In
1981 Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.111-115.

J163 Schachl, R. Sammlung und Erhaltung alter Sorten und Herkunfte.
1973 Ber. Arb. "Arbeitsgemeinsch. Saatzuchtleiter", p.127-142.

J164 Schieber, E. & Zentmyer, G.A. Collecting Persea shiedeana in
1977 Guatemala. Calif. Avocado Soc. Yearb., 61: 91-94.

J165 Schultze-Kraft, R. Preparation for collection trip. In Mott,
1979 G.O., ed. Handbook for the collection, preservation and characterization of tropical forage germplasm resources. Cali, Colombia, CIAT, p.5-8.

J166 Schultze-Kraft, R. Germplasm collection in the field. In Mott,
1979 G.O., ed. Handbook for the collection, preservation and characterization of tropical forage germplasm resources. Cali, Colombia, CIAT, p.9-14.

J167 Schultze-Kraft, R. Collection of germplasm of native forage
1982 legumes in Thailand and Peninsular Malaysia. IBPGR Southeast Asian Newsl., 6, no.3: 4-7.

J168 Sekolova, O.I. {Vegetables collected by the expedition of the
1931 Institute of Plant Industry, as grown under winter conditions on the Caucasian Black Sea Coast.} Trudy Prikl. Bot. Genet. Selek., 26: 253-268. (In Russian)

J169 Sencer, H.A. Recent and proposed exploration activities of the
1975 Izmir Centre, Turkey. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.151-157.

J170 Sethi, K.L. & Trivedi, K.C. Palmarosa [Cymbopogon martini]
1982 collecting in central India. Plant Genet. Resour. Newsl., 50: 70-73.

J171 Sharma, S.D. 1982 Collection and evaluation of rice from N.E. India. Plant Genet. Resour. Newsl., 50: 62-69.

J172 Siemonsma, J.S. 1979 Okra collection in Ivory Coast. Plant Genet. Resour. Newsl., 40: 19.

J173 Simpson, C.E. 1980 Collection of peanut germplasm, 1980. Plant Genet. Resour. Newsl., 44: 32-33.

J174 Simpson, C.E. 1981 Groundnut exploration in Peru and Brazil. Plant Genet. Resour. Newsl., 48: 7-8.

J175 Simpson, C.E. 1982 Collection of Arachis germplasm (1976-82). Plant Genet. Resour. Newsl., 52: 10-12.

J176 Simpson, M.J.A. 1983 Collection and assessment of the gene pool of Lupinus albus in Southern Europe. In Thompson, R. & Casey, R., eds. Perspectives for peas and lupin as protein crops. The Hague, Martinus Nijhof, p.40-51.

J177 Simpson, M.J.A. & McGibbon, R. 1982 Collection of Lupinus in the Iberian Peninsula. Plant Genet. Resour. Newsl., 50: 14-19.

J178 Simpson, M.J.A. & McGibbon, R. 1982 Lupinus collection in Greece and Yugoslavia. Plant Genet. Resour. Newsl., 52: 28-30.

J179 Singh, B.M. & Kazim, M. 1981 Field notes and how to record them. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.60-66.

J180 Singh, H.B., Hardas, M.W. & Arora, R.K. 1974 Collection, conservation and exchange of gene pools in Asia and Oceania. Indian J. Genet. Plant Breed., 34A: 37-51.

J181 Sinha, G.C. 1981 Gene pool sampling in tree crops. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.27-33.

J182 Small, E. 1982 Medicago collecting in Turkey. Plant Genet. Resour. Newsl., 49: 11-12.

J183 Soest, L.J.M. van., Hondelmann, W. & Hawkes, J.G. 1980 Potato collecting in Bolivia. Plant Genet. Resour. Newsl., 43: 32-35.

J184 Soria, J. 1975 Recent cocoa collecting expeditions. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.175-179.

J185 Sreenivasan, T.V., Palanichamy, K. & Koppar, M.N. Collection of
1982 Saccharum germplasm in India. Plant Genet. Resour. Newsl., 52: 20-24.

J186 Sykes, J.T. Practical problems in exploration: Tree crops. In
1975 Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.123-137.

J187 Tammisola, J. Principles of genetic sampling and conservation in
1982 perennial species - a case study in arctic bramble (Rubus arcticus L.). In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.165-189.

J188 Tapia, M.E. Collecting in the Andes. Plant Genet. Resour.
1979 Newsl., 40: 20-22.

J189 Thomas, T.A. Gene pool sampling in vegetatively propagated
1981 crops. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.34-37.

J190 Thompson, P.A., Smith, R.D., Dickie, J.B., Sanderson, R.H. &
1981 Probert, R.J. Collection and regeneration of populations of wild plants from seed. Biol. Conserv., 20: 229-245.

J191 Toll, J. Collecting in Ethiopia. Plant Genet. Resour.
1980 Newsl., 43: 36-39.

J192 Toll, J. Collecting in Ethiopia. Plant Genet. Resour.
1981 Newsl.,48: 18-22.

J193 Toll, J. & Hendrikson, A. Collecting Beta in Sicily. Plant
1982 Genet. Resour. Newsl., 49: 2-4.

J194 Tyler, B.F. Collections of forage grass in Europe. In Zeven,
1979 A.C. & Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.83-89.

J195 Tyler, B.F. & Chorlton, K.H. A Lolium and Festuca plant
1978 collecting expedition to northern Italy. Riv. Agron., 12: 181-190.

J196 Tyler, B.F., Davies, I. & Lorenzetti, F. Forage plant
1969 collection: an expedition to northern Italy. Riv. Agron., 3: 43-50.

J197 University of Reading. Plant exploration in N.E. Brazil. Plant
1972 Genet. Resour. Newsl., 27: 3-8.

J198 Wadhi, S.R. 1981 Entomological considerations in germplasm collection. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.116-123.

J199 WARDA 1981 Collecting rice in west Africa. Plant Genet. Resour. Newsl., 45: 10-12.

J200 Warner, J.N. & Grassl, C.O. 1958 The 1957 sugarcane expedition to to Melanesia. Hawaiian Plant. Rec., 55: 209-236.

J201 Warner, T.M. 1976 Indonesian sugar cane expedition. Sugar Bull., USA, 54: 3-10.

J202 Weltzien, E. 1982 Barley collection and evaluation in Syria and Jordan. Plant Genet. Resour. Newsl., 52: 5-6.

J203 Whitaker, T.W. & Knight, R.J. Jr. 1980 Collecting cultivated and wild cucurbits in Mexico. Econ. Bot., 34: 312-319.

J204 Whiteman, P. 1980 Wheat and barley in Nepal - II. Plant Genet. Resour. Newsl., 42: 7-9.

J205 Whyte, R.O. 1958 Plant exploration, collection and introduction. Rome, FAO. 117pp.

J206 Whyte, R.O. 1959 International approach to plant exploration and introduction. Euphytica, 8: 196-208.

J207 Whyte, R.O. 1961 Plant exploration and introductions. Nature, Lond., 191: 1240-1242.

J208 Whyte, R.O. & Julén, G., eds. 1963 Proceedings of a technical meeting on plant exploration and introduction. Genet. Agrar., 17: supplement.

J209 Williams, J.T. 1978 Plant exploration: capturing genetic variability. In Hughes, J.G., ed. Conservation of plant genetic resouces. Proc. Section K & M British Assoc. Adv. Sci., Aston 1977. Birmingham, Aston University, p.14-25.

J210 Witcombe, J.R. 1974 University College Bangor Nepal expedition 1971: Report of the genetic conservation project. Bangor, Univ. Coll. North Wales, UK.

J211 Witcombe, J.R. 1975 Bangor Lyallpur Universities expedition to northern Pakistan 1974. Genetic conservation report. Bangor, Univ. Coll. North Wales, UK. 22pp.

J212 Witcombe, J.R. 1978 University College Bangor expedition to northern India 1976: genetic conservation report. Bangor, Univ. Coll. North Wales, UK. 38pp.

J213 Witcombe, J.R. & Gilani, M.M. 1979 Variation in cereals from the Himalayas and the optimum strategy for sampling plant germplasm. J. Appl. Ecol., 16: 633-640.

J214 Witcombe, J.R., Bourgois, J.J. & Rifaie, R. 1982 Germplasm collections from Syria and Jordan. Plant Genet. Resour. Newsl., 50: 2-8.

J215 Womersley, J.S. 1981 Plant collecting and herbarium development, a manual. FAO Plant Production and Protection Paper no. 33. Rome, FAO. 137pp.

J216 Wood, D. 1979 Collecting in Yemen Arab Republic. Plant Genet. Resour. Newsl., 40: 23-26.

J217 Yamashita, K. 1959 2nd Preliminary report of the botanical mission of the University of Kyoto to the Eastern Mediterranean countries, April-May 1959. Wheat Inf. Serv., 9-10: 43-48.

J218 Yamashita, K. & Ito, H. 1970 Plant exploration and introduction (the Pacific countries). Plant Genet. Resour. Newsl., 23: 27-36.

J219 Yamashita, K. & Tanaka, M. 1960 II Exploration results of the botanical mission of the University of Kyoto 1959. Wheat Inf. Serv., 11: 24-31.

J220 Yates, F. 1981 Sampling methods for censuses and surveys. 4th ed. London, Charles Griffin. 458pp.

J221 Yuntian, X. 1981 Collection of crop genetic resources in China. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.45-47.

J222 Zentmyer, G.A. & Schieber, E. 1974 Collecting Persea from Mexico to Colombia in search for resistance to Phytophthora root rot. Phytopathology, 64: 769.

J223 Zeven, A.C. 1976 {The necessity of collecting old varieties in the Netherlands.} Zaadbelangen, 30: 215-216. (In Dutch)

J224 Zeven, A.C. 1979 Collecting genetic resources in highly industrialized Europe, especially the Netherlands. In Zeven, A.C. & Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.49-58.

Other relevant references :

A206,A262,B62,B185,G20,G28,G31,G81,G101,G110,G176,R1,T14,T33,AMA17,POT78, POT141,POT161,POT163,POT164,POT165,POT168,BET49,SAC28,SAC51,CRT12,COC22, COC60,FOR24,FOR31,TEL46

K CONSERVATION - GENERAL

K1 Akihama, T. & Nakajima, K. Long term preservation of favourable
1978 germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station, Ministry of Agriculture and Forestry. 152pp.

K2 Akoroda, M.O. & Okonmah, L.U. Sett production and germplasm
1982 maintenance through vine cuttings in yams. Trop. Agric., 59: 311-314.

K3 Allard, R.W. Problems of maintenance. In Frankel, O.H. &
1970 Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.491-494.

K4 Allen, R.P. & Allen, C.P. The case for in situ conservation of
1982 crop genetic resources. Nature Resources, 18: 15-20.

K5 Amma, S., Watanabe, A. & Masuda, K. Long-term storage of cut
1978 root in tea plant. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station, Ministry of Agriculture and Forestry, p.80-83.

K6 Anderson, R.G. & Rao, M.V., eds. Symp. conservation of genetic
1979 stocks of distant hybrids. New Delhi, India, March 1978. Indian J. Genet. Plant Breed., 39: 110-137.

K7 Anon. Genetic variability by way of the gene bank.
1978 Tuinderij, 18: 16-19.

K8 Bálint, A. {Collections of induced mutants as gene resources.}
1973 Agrobotanika, 15: 36-53. (In Hungarian)

K9 Bajaj, Y.P.S. Technology and prospects of cryopreservation of
1979 germplasm. Euphytica, 28: 267-286.

K10 Breese, E.L. & Tyler, B.F. Regeneration of germplasm collections
1982 of forage grasses and legumes. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.45-67.

K11 Bruinsma, B.F. Existing collections; Past: aims and objectives.
1976 In Simmons, J.B., Beyer, R.I., Brandham, P.E., Lucas, G.L. & Parry, V.T.H., eds. Conservation of threatened plants, New York, Plenum Press, p. 19-26.

K12 Burton, G.W. Gene loss in pearl millet germplasm pools. Crop
1976 Sci., 16: 251-255.

K13 Burton, G.W. 1979 Handling cross-pollinated germplasm efficiently. Crop Sci., 19: 685-690.

K14 Byrne, B.N. 1981 Present, planned and past activities on crop genetic resources in Vanuatu. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.68-70.

K15 Chandel, K.P.S. 1980 Conservation of plant wealth - problems and prospects. Indian Farming, 29: 11-13.

K16 Crisp, P. & Forster, G. 1980 Banking seeds for the future. Garden, U.K., 105: 410-413.

K17 D'Amato, F. 1973 Genetical aspects of seed and tissue culture storage. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.64.

K18 Day, M.F. 1971 The role of national parks and reserves. In Costin, A.B. & Frith, H.J., eds. Conservation. Australia, Penguin Books, p.190-213.

K19 De Haas, P.G. & Bunemann, G. 1962 Cold storage of young shrubs. IV. Jacketed cooling at -2°C compared with direct cooling at -1.5°C, and with the traditional heeling-in method. Gartenbauwissenschaft, 27: 243-246.

K20 De Haas, P.G. & Wennemuth, G. 1962 Cold storage of young shrubs. I. Climatological and technical problems in storing shrubs. Gartenbauwissenschaft, 27: 199-213.

K21 De Haas, P.G. & Wennemuth, G. 1962 Cold storage of young shrubs. II. Cultural and physiological problems. Gartenbauwissenschaft, 27: 214-230.

K22 Duffey, E. & Watt, A.S., eds. 1971 The scientific management of animal and plant communities for conservation. Brit. Ecol. Soc. Symp., 11.

K23 Ehrenfeld, D.W. 1970 Biological conservation. New York, Holt, Rinehart and Winston. 220pp.

K24 Ellis, R.H. 1982 Seed storage and germination of apple and pear. Plant Genet. Resour. Newsl., 50: 53-61.

K25 Evans, G. 1952 The preservation and maintenance of basic stocks of herbage plants. Rep. 6th Int. Grassl. Congr., 906-911.

K26 Faegri, K. & Pijl, L. van der. 1979 The principles of pollination ecology. Oxford, Pergamon Press. 244pp.

K27 Ford-Lloyd, B.V. 1981 Regeneration of samples for genetic conservation (with beet as an example for an outbreeder). Plant Genet. Resour. Newsl., 45: 23-26.

K28 Frankel, O.H. 1970 Genetic conservation of plants useful to man. Biol. Conserv., 2: 162-170.

K29 Frankel, O.H. 1977 Natural variation and its conservation. In Amir Muhammed, Aksel, R. & Borstel, R.C. von., eds. Genetic diversity in plants. II. Natural and induced genetic variability. New York, Plenum Press, p.21-44.

K30 Frankel, O.H. 1981 Maintenance of gene pools - sense and nonsense. In Scudder, G.G.E. & Reveal, J.L., eds. Evolution today. Proc. 2nd int. congr. systematic and evolutionary biol., Pittsburgh, Hunt Institute for Botanical Documentation, p.387-392.

K31 Frankel, O.H. & Soule, M.E. 1981 Conservation and evolution. Cambridge, Cambridge University Press. 327pp.

K32 Free, J.B. 1970 Insect pollination of crops. London, Academic Press. 544pp.

K33 Grout, W.W. 1982 Cold hardening and cryoprotection; recovery of stored material. In Withers, L.A. & Williams, J.T., eds. Crop genetic resources the conservation of difficult material. Proc. int. workshop Univ. Reading, UK. 8-11 Sept. 1980. Paris, International Union of Biological Sciences. Serie B42, p.105-108.

K34 Gutierrez, M. 1967 (The maintenance of genetic variability in plant domestication and breeding.) Inf. de Investig. Agric. (Buenos Aires), 230: 4-11. (In Spanish)

K35 Hampton, R., Waterworth, H., Goodman, R.M. & Lee, R. 1982 Importance of seedborne viruses in crop germplasm. Plant Disease, November 1982: p.977-978.

K36 Haniuda, T., Yoshida, Y., Tsuchiya, S. & Sanada, T. 1978 Long-term storage of apple scions. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station, Ministry of Agriculture and Forestry, p.89-96.

K37 Hawkes, J.G. 1970 The conservation of short-lived asexually propagated plants. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.495-499.

K38 Hawkes, J.G, 1975 Vegetatively propagated crops. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.117-121.

K39 Hawkes, J.G. 1978 Genetic conservation: a world problem. In Hughes, J.G., ed. Conservation of plant genetic resouces. Proc. Section K & M British Assoc. Adv. Sci., Aston 1977. Birmingham, Aston University, p.1-7.

K40 Hawkes, J.G. 1982 Genetic conservation of "recalcitrant species" - an overview. In Withers, L.A. & Williams, J.T., eds. Crop genetic resources the conservation of difficult material. Proc. int. workshop Univ. Reading, UK. 8-11 Sept. 1980. Paris, International Union of Biological Sciences. Serie B42, p.83-92.

K41 Henderson, D.M. & Prentice, H.T. 1977 International directory of botanical gardens. 3rd ed. Utrecht, Netherlands, Bohn, Scheltema & Holkema. 270pp.

K42 Henshaw, G.G. 1982 Genetic stability and the deterioration of stored material. In Withers, L.A. & Williams, J.T., eds. Crop genetic resources the conservation of difficult material. Proc. int. workshop Univ. Reading, UK. 8-11 Sept. 1980. Paris, International Union of Biological Sciences. Serie B42, p.97-100.

K43 Ho Coy Choke. 1972 Status of conservation of genetic resources of indigenous crops in Malaysia. Division of Plant Industry, CSIRO, Canberra, Australia. Plant Intro. Rev., 8: 28-49.

K44 Hong, B.H. & Lee, Y.M. 1981 Genetic resources of major food crops in Korea. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.48-67.

K45 Hooper, M.D. 1972 The size and surroundings of nature reserves. Brit. Ecol. Soc. Symp., 11: 555-562.

K46 Howard, B.H. 1975 Possible long-term cold storage of woody plant material. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.359-367.

K47 Howard, B.H. & Garner, R.J. 1966 Prolonged cold storage of rooted and unrooted hardwood cuttings of apple, plum and quince rootstocks. Rep. E. Malling Res. Stn., 1965, 80-82.

K48 Innes, N.L. 1975 Genetic conservation and the breeding of field vegetables for the United Kingdom. Outlook Agric., 8: 301-305.

K49 Jain, S.K. 1975 Genetic reserves. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.379-396.

K50 Jana, S. & Acharya, S.N. 1981 The value of mass reservoirs in genetic conservation. In Barley Genetics IV., Proc. 4th Int. Barley Genet. Symp. Edinburgh July 1981. Edinburgh, Edinburgh University Press, p.51-57.

K51 Janossy, A. & Sajo, Z. 1973 Genetic conservation in Hungary. Plant Genet. Resour. Newsl., 29: 25-27.

K52 Jaynes, R.A. 1969 Long-term storage of chestnut seed and scion wood. 60th Ann. Rep. Northern Nut Growers Association, Carbondale, Illinois, P38-42.

K53 Julen, G. 1963 The conservation of primitive cultivated forms. Genet. Agrar., 17: 403-406.

K54 Kawakami, J. & Fujii, K. 1981 Genetic resources of seed-propagated crops in Japan. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.16-39.

K55 Kozaki, I. 1975 Storage of fruit tree scions. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.84-89.

K56 Krasavstev, O.A. 1967 Frost hardening of woody plants at temperatures below zero. In Asahina, E., ed. Cellular injury and resistance in freezing organisms. Japan, Hokkaido University Press, p.131-138.

K57 Kuckuck, H. 1970 Probleme der Erhaltung der naturlichen Formenmannigfaltigkeit und ihrer Nutzung in der Zuchtung. Kulturpflanze, 6: 157-158.

K58 Kutcherov, E.V. 1973 {On conservation of gene pool of wild useful plants of Baskhiria. In Abramov, I.I. et al., ed. board. Topics of reports at the 5th delegate Congr. of the All-Union Bot. Soc.} Academy of Sciences, USSR, Kiev, p.31. (In Russian)

K59 Kutlu, Y.Z. 1977 Die Ausbreitung von Pollen beim Roggen (Secale cereale L.). Untersuchungen zum Problem der Isolierung von Fremdbefruchtern bei der Vermehrung von Genbankmaterial. Z. Pflanzenzucht, 78: 253-264.

K60 Kutlu, Y.Z. 1982 Pollen dispersal in rye (Secale cereale L.): research activities on isolation problems of cross-pollinated species of genebank material. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.275-279.

K61 Lehmann, C.O. 1977 Techniques of handling, storage and classification of the Gatersleben cereal collection. Cereal Res. Communic., 5: 133-138.

K62 Leon, J. 1973 Conservation of crop genetic resources in Latin America. In Moav, R., ed. Agricultural Genetics. New York, John Wiley, p.185-199.

K63 Mackay, I. 1963 The collection, storage and use of budwood. Comb. Proc. 12th Ann. Mtg. West Reg. Plant Prop. Soc., 1962, 142-144.

K64 Martin, F.W. 1975 The storage of germplasm of tropical roots and tubers in the vegetative form. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.369-377.

K65 Matsuo, T. 1975 Studies on conservation and utilization of plant genetic resources by the IBP/UM working group in Japan. SABRAO J., 7: 13-15.

K66 Mazur, P. 1970 Cryobiology: the freezing of biological systems. Science, N.Y., 168: 939-949.

K67 Meryman, H.T. 1966 Review of biological freezing. In Meryman, H.T., ed. Cryobiology. London and New York. Academic Press. p.2-106.

K68 Molski, B., Maluszynska, M., Kubiczek, R. & Luczak, W. 1982 Studies on maintenance of rye (Secale cereale L. s.l.) collection. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.253-268.

K69 Morse, L.E. & Henifin, M.S., eds. 1981 Rare plant conservation: geographical data organization. Bronx, New York Botanical Garden. 377pp.

K70 Muniappan, R. 1981 Genetic resources conservation possibilities in Guam. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.89-92.

K71 Nikitina, E.V. & Yanusheevichich, A.I. The conservation of
1957 natural resources in Kirgizia. In Dubinin, V.B., ed. Conservation of natural resources and the establishment of reserves in the USSR. Moscow, Academy of Science USSR. Bull. no.2, p.13-20.

K72 Oka, H.I. A note on the design of germplasm preservation work
1969 in grain crops. SABRAO Newsl., 1: 127-134.

K73 Oka, H.I. Consideration on the population size necessary for
1975 conservation of crop germplasms. In Matsuo, T., ed. JIBP synthesis. Vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.57-63.

K74 Omura, M., Akihama, T. & Kozaki, I. Long-term preservation of
1978 fruit tree scions. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station Ministry of Agriculture and Forestry, p.84-88.

K75 Omura, M., Matsuta, N., Akihama, T. & Yoshida, M. Pollen
1982 preservation of Japanese apricot and mume. Plant Genet. Resour. Newsl., 49: 19-21.

K76 Porceddu, E. Le risorse genetiche. II. Interventi per la lora
1974 salvaguardia. Giornale Bot. Italiano, 108: 259-272.

K77 Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-
1982 pollinated species. Proc. CEC/Eucarpia Seminar, Nyborg, Denmark, 15-17 July 1981. Rotterdam, A.A. Balkema. 293pp.

K78 Poulsen, M.H. & Pedersen, C.P. Maintenance and multiplication of
1982 cultivars of allogamous field crops in Denmark. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.79-86.

K79 Preston, F.W. The canonical distribution of commoness and
1962 rarity. Ecology, 43: 185-215, 410-432.

K80 Qualset, C.O. Population management for efficient methods of
1977 breeding and genetic conservation. In 3rd Int. Congr. SABRAO Plant Breeding papers: 1.2. Variability. Canberra, Australia, p.10-12.

K81 Roelofsen, H. 1982 Genetic conservation by regeneration. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.151-164.

K82 Roos, E.E. 1977 Genetic shifts in bean populations during germplasm preservation. Ann. Rep. Bean Improvement Coop., 20: 47-49.

K83 Rusanov, F.N. 1965 {Spontaneous hybrids in collections of introduced plants.} Byulletin' Glavnogo Botaniches-ogo Sada, Akad. Nauk SSSR. Part 58, 34-36. (In Russian)

K84 Sakai, A. 1960 Survival of the twig of woody plants -196°C. Nature, Lond., 185: 393-394.

K85 Sakai, A. & Nishiyama, Y. 1978 Freezing storage of winter vegetative buds of apple trees in liquid nitrogen. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station, Ministry of Agriculture and Forestry, p.64-70.

K86 Sakai, S., Doi, Y. & Nakayama, A. 1978 Changes in regenerative ability and carbohydrate reserve of tea root during a long-term storage for the maintenance of useful germplasm. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station, Ministry of Agriculture and Forestry, p.71-79.

K87 Sastrapradja, S. 1970 Genetic conservation in Indonesia. Plant Genet. Resour. Newsl.,24: 16.

K88 Schneider, E.F. 1965 Survival of rooted cuttings of three woody plant species after low temperature storage. Proc. Am. Soc. Hort. Sci., 87: 557-562.

K89 Sencer, H.A. 1975 Recent and proposed exploration activities of the Izmir Centre, Turkey. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.151-157.

K90 Simmons, J.B., Beyer, B.I., Brandham, P.E., Lucas, G.L. & Parry, V.T.H., eds. 1976 Conservation of threatened plants. New York & London, Plenum Press. 336pp.

K91 Singh, L. & Khan, A.A. 1943 How to prolong the life of mango bud wood. Punjab Fruit J., 7: 1264.

K92 Sleper, D.A. & Gaskins, M.H. 1974 Cold storage of digit grass germplasm. Crop Sci., 14: 900-901.

K93 Specht, R.L., Roe, E.M. & Boughton, V.H. Conservation of major
1974 plant communities in Australia and Papua New Guinea. Aust. J. Bot., Supplementary Series no.7, 667pp.

K94 Stanwood, P.C. & Bass, L.N. Seed germplasm preservation using
1981 liquid nitrogen. Seed Sci. Technol., 9: 423-437.

K95 Staritsky, G. Growth inhibition and dormancy. In Withers, L.A.
1982 & Williams, J.T., eds. Crop genetic resources the conservation of difficult material. Proc. Int. Workshop Univ. Reading, UK. 8-11 Sept. 1980. Paris, International Union of Biological Sciences. Serie B42, p.109-113.

K96 Steponkus, P.L. Dehydration and dessication injury; membrane
1982 damage. In Withers, L.A. & Williams, J.T., eds. Crop genetic resources the conservation of difficult material. Proc. Int. Workshop Univ. Reading, UK. 8-11 Sept. 1980. Paris, International Union of Biological Sciences. Serie B42, p.101-103.

K97 Sykes, J.T. The conservation of crop genetic resources:
1978 international actions in long-term seed storage. Seed Sci. Technol., 6: 1053-1058.

K98 Synge, K.H., ed. The biological aspects of rare plant conservation. Chichester, UK., John Wiley. 558pp.

K99 Takayanagi, K. Preservation and utilization of useful germplasm
1982 in Brassica crops. In Singh, R.B. & Chamchalow, N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.59-68.

K100 Takeda, Y. & Toyao, T. Low-temperature storage of mature tea
1978 shoot with leaves. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station Ministry of Agriculture and Forestry, p.97-102.

K101 Thompson, P.A. The use of seed banks for conservation of
1974 populations of species and ecotypes. Biol. Conserv., 6: 15-19.

K102 Thompson, P.A. Should botanic gardens save rare plants ? New
1975 Sci., 68: 636-638.

K103 Thompson, P.A. Factors involved in the selection of plant
1976 resources for conservation as seed in gene banks. Biol. Conserv., 10: 159-167.

K104 Tyler, B.F. 1982 Practical aspects of a regeneration scheme in forage grasses. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.69-78.

K105 Valmayor, R.V. & Espino, R.C. 1975 Germplasm resources for horticultural breeding in the Philippines. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia. IBPGR, p.56-76.

K106 Whyte, R.O. 1963 The conservation of wild species. Genet. Agrar., 17: 398-402.

K107 Williams, J.T. 1974 An index of the living plant collections in the British Isles. London, Royal Botanic Garden, Kew. 57pp.

K108 Williams, J.T. 1982 Genetic conservation of wild plants. Nature & Resources, 18: 14-15.

K109 Williams, J.T. 1982 Techniques for genetic conservation: the way ahead. In Withers, L.A. & Williams, J.T., eds. Crop genetic resources the conservation of difficult material. Proc. Int. Workshop Univ. Reading, UK. 8-11 Sept. 1980. Paris, International Union of Biological Sciences. Serie B42, p.115-118.

K110 Withers, L.A. & Williams, J.T., eds. 1982 Crop genetic resources the conservation of difficult material. Proc. Int. Workshop Univ. Reading, UK. 8-11 Sept. 1980. Paris, International Union of Biological Sciences. Serie B42. 134pp.

K111 Yokoyama, T. & Nakajima, K. 1978 Viability of mulberry shoots stored under various conditions. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station Ministry of Agriculture and Forestry, p.103-111.

K112 Zeven, A.C. 1980 Botanical gardens, public parks, road sides, historical gardens, historical arable fields, nature reserves and private gardens as genebanks of cultivated crops. Misc. Papers. Landbouwhogeschool Wageningen, 19: 433-438.

Other relevant references :

A78,A97,A219,E13,E39,G20,G153,H14,J21,J32,J83,J97,J98,J163,J180,J187, J190,J221,N7,R25,S75,T14,T31,T33,T36,T39,ORY16,ORY17,ORY25,TRI210,TRI230, POT217,LUP16,SAC27,ELA17,TEG4

L CONSERVATION - SEED AND POLLEN

L1 Abdelmagid, A.S. & Osman, A.M. Influence of storage period and
1975 temperature on viability and chemical composition of cotton seeds. Ann. Bot., 39: 237-248.

L2 Akihama, T., Omura, M. & Kozaki, I. Further investigation of
1978 freeze-drying for deciduous fruit tree pollen. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station, Ministry of Agriculture and Forestry, p.1-7.

L3 Akihama, T., Omura, M. & Kozaki, I. Long-term storage of fruit
1980 tree pollen and its application in breeding. Farming Japan, 14: 53-56.

L4 Altman, A. & Meir, R. Seed survival following cryogenic storage
1980 in liquid nitrogen. Israel J. Bot., 28: 53.

L5 Alvim, P.T. Un procedimiento simple para conservar el poder
1958 germinativo de las semillas de cacao. Séptima Conferencia Interamericana de Cacao, Palmira, Colombia: 277-282.

L6 Andersen, S. Effect of temperature and moisture in the seed. In
1982 Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.143-147.

L7 Andersen, S. & Andersen, K. Longevity of seeds of cereals and
1972 flax. Acta Agric. Scand., 22: 3-10.

L8 Anon. Storing seeds for a century. Agric. Research, USA,
1975 24: 6.

L9 Bagot, Y. & Servant, M. Contribution a l'etude de la conservation
1958 de quelque graines oleagineuses d'origine tropicale. Oléagineux, 13: 57-61.

L10 Barker, W.G. & Johnston, G.R. The longevity of seeds of the
1980 common potato, Solanum tuberosum. Am. Pot. J., 57: 601-607.

L11 Barnabas, B. & Rajki, E. Storage of maize (Zea mays L.) pollen
1976 at -196°C in liquid nitrogen. Euphytica, 25: 747-752.

L12 Barton, L.V. Seed preservation and longevity. London, Leonard
1960 Hill.

L13 Barton, L.V. Viability of seeds of Theobroma cacao L. Contrib.
1965 Boyce Thompson Inst., 23: 109-122.

L14 Bass, L.N. 1978 Sealed storage of crimson clover seed. Seed Sci. Technol., 6: 1017-1024.

L15 Bass, L.N. 1980. Seed viability during long-term storage. Hortic. Rev., 2: 117-141.

L16 Bass, L.N. & Stanwood, P.C. 1978 Long-term preservation of sorghum seed as affected by seed moisture, temperature and atmospheric environment. Crop Sci., 18: 575-577.

L17 Berjak, P. 1978 Viability extension and improvement of stored seeds. S. Afr. J. Sci., 74: 365-368.

L18 Bewley, J.D. & Black, M. 1978 Physiology and biochemistry of seeds. 2 vols. Berlin, Springer-Verlag. 375pp.

L19 Bouharmont, P. 1971 La conservation des graines de caféier destinées à la multiplication au Cameroun. Café , Cacao, Thé, 15: 202-210.

L20 Burris, J.S. 1980 Maintenance of soybean seed quality in storage as influenced by moisture, temperature and genotype. Iowa State J. Research, 54: 377-389.

L21 Cabanilla, M.L. & King, J.R. 1966 The extension of viability of cocoa (Theobroma cacao L.) pollen by the freeze-drying method. Trop. Agric., Trin., 43: 187.

L22 Chacko, E.K. & Singh, R.N. 1971 Studies on the longevity of papaya, phalsa, guava, and mango seeds. Proc. Int. Seed Test. Ass., 36: 147-158.

L23 Chin, H.F. 1978 Production and storage of recalcitrant seeds in the tropics: seed problems. Acta Hortic., 83: 17-21.

L24 Chin, H.F. 1980 Germination. [of recalcitrant seeds] In Chin, H.F. & Roberts, E.H., eds. Recalcitrant crop seeds. Kuala Lumpur, Tropical Press, p.38-52.

L25 Chin, H.F. 1980 Seed production and processing. [recalcitrant seeds.] In Chin, H.F. & Roberts, E.H., eds. Recalcitrant crop seeds. Kuala Lumpur, Tropical Press, p.111-133.

L26 Chin, H.F. & Roberts, E.H., eds. 1980 Recalcitrant crop seeds. Kuala Lumpur, Tropical press. 152pp.

L27 Christensen, C.M. 1972 Microflora and seed deterioration. In Roberts, E.H., ed. Seed viability. London, Chapman and Hall, p. 59-93.

L28 Copeland, L.O. 1976 Principles of seed science and technology. Minneapolis, Burgess. 369pp.

L29 Cromarty, A.S., Ellis, R.H. & Roberts, E.H. The design of seed
1982 storage facilities for genetic conservation. Rome, IBPGR. 96pp.

L30 Delouche, J.C. et al. The tetrazolium test for seed viability.
1962 Mississippi State Univ., Agric. Exp. Station Tech. Bull., 51: 1-63.

L31 Delouche, J.C., Matthes, R.K., Dougherty, G.M. & Boyd, A.H.
1973 Storage of seed in sub-tropical and tropical regions. Seed Sci. Technol., 1: 671-700.

L32 Demarly, Y. Theoretical problems of seed regeneration in cross-
1982 pollinated plants. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.7-31.

L33 Devreux, M. & Malingraux, C. Pollen d'Elaeis guineensis Jacq.
1960 Recherches sur les méthodes de conservation. Bull. Agric. Congo Belg., 51: 543-566.

L34 Ellis, R.H. & Roberts, E.H. Improved equations for the
1980 prediction of seed longevity. Ann. Bot., 45: 13-30.

L35 Ellis, R.H. & Roberts, E.H. Towards a rational basis for testing
1980 seed quality. In Hebblethwaite, P.B., ed. Seed production. London, Butterworths, p.605-635.

L36 Ellis, R.H. & Roberts, E.H. The influence of temperature and
1980 moisture on seed viability period in barley (Hordeum distichum L.). Ann. Bot., 45: 31-37.

L37 Ellis, R.H. & Roberts, E.H. An investigation into the possible
1981 effects of ripeness and repeated threshing on barley seed longevity under six different storage environments. Ann. Bot., 48: 93-96.

L38 Ellis, R.H. & Roberts, E.H. The quantification of ageing and
1981 survival in orthodox seeds. Seed Sci. Technol., 9: 373-409.

L39 Ellis, R.H. & Roberts, E.H. Use of deep freeze chests for medium
1982 and long term storage of small seed collections. Rome, IBPGR. 9pp.

L40 Ellis, R.H. & Roberts, E.H. Dessication, rehydration, germina-
1983 tion, imbibition injury and longevity of pea seeds (Pisum sativum L.). Seed Sci. Technol., 10: 501-508.

L41 Ellis, R.H., Hong, T.D. & Roberts, E.H. The influence of
1981 desiccation on cassava seed germination and longevity. Ann. Bot., 47: 173-175.

L42 Ellis, R.H., Osei-Bonsu, K. & Roberts, E.H. The influence of
1982 genotype, temperature and moisture on seed longevity in chickpea, cowpea and soyabean. Ann. Bot., 50: 69-82.

L43 Ellis, R.H., Osei-Bonsu, K. & Roberts, E.H. Desiccation and
1983 germination of seed of cowpea (Vigna unguiculata (L.) Walp.). Seed Sci. Technol., 10: 509-515.

L44 Ellis, R.H., Roberts, E.H. & Whitehead, J. A new, more economic
1980 and accurate approach to monitoring the viability of accessions during storage in seed banks. Plant Genet. Resour. Newsl., 41: 3-18.

L45 Enoch, I.C. Morphology of germination. In Chin, H.F. & Roberts,
1980 E.H., eds. Recalcitrant crop seeds. Kuala Lumpur, Tropical Press, p.6-37.

L46 Epling, C., Lewis, H. & Ball, F.M. The breeding group and seed
1960 storage: a study in population dynamics. Evolution, Lancaster, Pa., 14: 238-255.

L47 FAO Proposed standards and procedures for seed storage
1974 installations used for long-term conservation of base collections. Rome. FAO 12pp.

L48 Fedosenko, V.A. {Storage of pollen and seed at minus
1974 temperatures.} Trudy Prikl. Bot. Genet. Selek., 51(2): 202-207. (In Russian)

L49 Fedosenko, V.A. {Conservation of seeds of cultivated and wild
1980 potato species at the superlow temperature.} Byull. Vses. Inst. Rastenievod., 105: 80-83. (In Russian, English summary)

L50 Fedosenko, V.A. {Seed storage in liquid nitrogen.} Byull. Vses.
1981 Inst. Rastenievod., 107: 70-71. (In Russian, English summary)

L51 Fedosenko, V.A. & Kolesnik, I.A. {Storing potato berries in
1980 liquid nitrogen.} Byull. Vses. Inst. Rastenievod., 105: 83-84. (In Russian, English summary)

L52 Floris, C. Ageing in Triticum durum seeds: behaviour of
1970 embryos and endosperms from aged seeds as revealed by the embryo-transplantation technique. J. Exper. Bot., 21: 462-468.

L53 Fluiter, H.J. {Experiments to determine the extent of germinating
1939 power of coffee seed.} Bergcultures, 13: 1506-1512. (In Dutch)

L54 Frank, J., Barnabas, B., Gal, E. & Farkas, J. Storage of
1982 sunflower pollen. Z. Pflanzenzucht., 89: 341-343.

L55 Freire, M.S. & Mumford, P.M. Packaging seeds for storage - a
1981 preliminary report. Plant Genet. Resour. Newsl., 48: 13-17.

L56 Friend, R.J. Some experiments on the storage of cacao seed in a
1964 viable condition. Papua New Guinea Agric. J., 17: 12.

L57 Fukuyama, T. & Takahashi, R. A method for testing seed dormancy
1975 and the rating of varieties of barley. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.124-130.

L58 Goldbach, H. Imbibed storage of Melicoccus bijugatus and Eugenia
1979 brasiliensis (E. dombeyi) seeds using abscissic acid as germination inhibitor. Seed Sci. Technol., 7: 403-406.

L59 Goldbach, H. Versuche zur Verlangerung der Lebensfahigkeit von
1981 extrem kurzlebigem Saatgut ("recalcitrant seed"). Stand und Leistung agrikulturchemischer und agrarbiologischer Forschung. Proc. VDLUFA Congr. Braunschweig, 1980. Frankfurt am Main, J.D. Sauelaender Verlag, p.342-345.

L60 Gunthardt, H.L. et al. Studies on aged seeds II. Relation of
1953 age of seeds to cytogenetic effects. Agron. J., 45: 438-441.

L61 Gwynn, G.R. Long-term storage of tobacco pollen. Tobacco
1978 Internat., 180: 32-33.

L62 Hansen, A.J. & Hunter, J.R. A preliminary experiment on the
1960 protection of cacao seeds. In Proceedings, Eighth Inter-American Cacao Conference: 121-125. Trinidad, Government Press.

L63 Hardon, J.J. & Davies, M.D. Effects of vaccum-drying on the
1969 viability of oil palm pollen. Exper. Agric., 5: 59-65.

L64 Harnoy, A. & Radajewski, W. Optimization of grain drying - with
1982 rest periods. J. Agric. Engng. Res., 27: 291-307.

L65 Harrington, J.F. Practical advice and instructions on seed
1963 storage. Proc. Int. Seed Test. Ass., 28: 989-994.

L66 Harrington, J.F. The value of moisture resistant containers in
1963 vegetable seed packaging. Bull. Calif. Agric. Exp. Stn., 792: 3-23.

L67 Harrington, J.F. 1970 Seed and pollen storage for conservation of plant gene resources. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.501-521.

L68 Harrington, J.F. 1972 Seed storage and longevity. In Kozlowski, T.T., ed. Seed biology. New York & London, Academic Press, (vol.1) p.145-245.

L69 Harrington, J.F. 1973 New physiological and biochemical techniques for obtaining maximum longevity of seeds in gene banks. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.60-63.

L70 Harrington, J.F. 1973 Packaging seed for storage and shipment. Seed Sci. Technol., 1: 701-709.

L71 Harrington, J.F. 1973 Problems of seed storage. In Heydecker, W., ed. Seed ecology. London, Butterworths, p.251-265.

L72 Harrington, J.F. 1973 Seed storage for conservation of plant gene resources. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.98-100.

L73 Harrison, B.J. 1966 Seed deterioration in relation to storage conditions and its influence upon germination, chromosomal damage and plant performance. J. Natl. Inst. Agric. Bot., U.K. 10: 644-663.

L74 Harrison, B.J. & Carpenter, R. 1977 Storage of Allium cepa seed at low temperatures. Seed Sci. Technol., 5: 699-702.

L75 Hebblethwaite, P.D., ed. 1980 Seed production. London, Butterworth. 694pp.

L76 Henry, P. 1959 Prolongation de la viabilité du pollen chez Elaeis guineensis Jacq. C.R. Acad. Sci., 248: 722-724.

L77 Heydecker, W. 1969 The vigour of seeds - a review. Proc. Int. Seed Test. Ass., 34: 201-219.

L78 Heydecker, W. 1973 Seed ecology. Butterworths, London.

L79 Honjo, H. & Nakagawa, Y. 1978 Suitable temperature and seed moisture content for maintaining the germinability of citrus seed for long term storage. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station, Ministry of Agriculture and Forestry, p.31-35.

L80 Howard, H.W. 1975 The prolonged storage of true seeds of potato. Pot. Res., 18: 320-321.

L81 Howard, H.W. 1980 Storage of true seeds of potatoes for 25 years. Potato Res., 23: 241-242.

L82 Howe, R.W. 1973 Loss of viability of seed in storage attributable to infestation of insects and mites. Seed Sci. Technol., 1: 563-586.

L83 Huxley, P.A. 1964 Some factors which can regulate germination and influence viability of coffee seeds. Proc. Int. Seed Test. Ass., 29: 33-60.

L84 IBPGR 1979 Seed technology for genebanks. Rome, IBPGR. 127pp.

L85 IBPGR 1982 IBPGR ad hoc advisory committee on seed storage - first meeting. Kew. 10-11 September 1981. Rome, IBPGR. 13pp.

L86 International Seed Testing Association. 1963 Drying and storage. Proc. Int. Seed Test. Ass. 28: 689-1000.

L87 International Seed Testing Association. 1976 International rules for seed testing. Seed Sci. Technol., 4:3-49; 51-177. (Amendments, 6:57-94 [1978]; 9:299-345 [1980]).

L88 Ito, H. 1970 A new system of cereal breeding based on long term seed storage. SABRAO Newsl., 2: 65-70.

L89 Ito, H. 1972 Organisation of the National Seed Storage Laboratory for genetic resources in Japan. In Roberts, E.H., ed. Seed viability. London, Chapman and Hall, p.405-416.

L90 Ito, H. 1975 Seed storage system for genetic resources. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.75-84.

L91 Ito, H. & Hanami, H. 1979 A new automatic seed store. Plant Genet. Resour. Newsl., 40: 11-13.

L92 Ito, H. & Hayashi, K. 1960 Studies on the storage of rice seeds. 1. Influences of temperature and moisture content on the longevity of rice seeds and methods of drying seed. Proc. Crop Sci. Soc. Japan, 28: 363-364.

L93 Ito, H. & Hayashi, K. 1960 Studies on the storage of rice seeds. 2. The moisture content, viability, and longevity of rice seeds in different methods of processing. Proc. Crop Sci. Soc. Japan, 29: 97-99.

L94 Ito, H. & Hayashi, K. 1961 Tentative plans for improvement of the permanent maintenance of genetic stocks and breeder's seed of rice and the procedure of rice breeding based on long term storage of seeds. Japan. J. Breed., 2: 59-64.

L95 James, E. 1961 An annotated bibliography on seed storage and deterioration: a review of 20th century literature reported in the English language. Washington, D.C., U.S. Agricultural Research Service. 81pp.

L96 James, E. 1963 An annotated bibliography on seed storage and deterioration. Washington, D.C., U.S. Agricultural Research Service, 30pp.

L97 James, E. 1967 Preservation of seed stocks. Adv. Agron., 19: 87-106.

L98 James, E. 1972 Organisation of the United States National Seed Storage Laboratory. In Roberts, E.H., ed. Seed viability. London, Chapman and Hall, p.397-404.

L99 James, E., Bass, L.N. & Clark, D.C. 1967 Effects of variable and constant storage temperatures and subsequent room storage on the viability of certain seeds. Crop Sci., 7: 495-496.

L100 James, E., Bass, L.N. & Clark, D.C. 1967 Varietal differences in longevity of vegetable seeds and their response to various storage conditions. Proc. Am. Soc. Hort. Sci., 91: 521-528.

L101 Justice, O.L. 1972 Essentials of seed testing. In Kozlowski, T.T., ed. Seed biology. New York & London, Academic Press, vol.1. p.302-370.

L102 Justice, O.L. & Bass, L.N. 1978 Principles and practices of seed storage. U.S. Dep. Agric., Agric. Handb. No.506, 289pp.

L103 Keleny, G.P. 1968 Storage, transport and packing of cacao seed. Coffee, Cacao J.(Philippines), 11: 68-70.

L104 Khan, A.A., ed. 1982 The physiology and biochemistry of seed development, dormancy and germination. 2nd Rev. ed. Amsterdam, Elsevier Biomedical Press. 547pp.

L105 King, J.R. 1961 The freeze-drying of pollens. Econ. Bot., 15: 91-98.

L106 King, J.R. 1965 The storage of pollen - particularly by the freeze-drying method. Bull. Torrey Bot. Club, 92: 270-287.

L107 King, M.W. & Roberts, E.H. 1979 The storage of recalcitrant seeds - achievements and possible approaches. Rome, IBPGR. 96pp. [includes a literature review]

L108 King, M.W. & Roberts, E.H. The desiccation response of seeds of
1980 Citrus limon L. Ann. Bot., 45: 489-492.

L109 King, M.W. & Roberts, E.H. A strategy for future research into
1980 the storage of recalcitrant seeds. In Chin, H.F. & Roberts, E.H., eds. Recalcitrant crop seeds. Kuala Lumpur, Tropical Press, p.90-110.

L110 King, M.W. & Roberts, E.H. Maintenance of recalcitrant seeds in
1980 storage. In Chin, H.F. & Roberts, E.H., eds. Recalcitrant crop seeds. Kuala Lumpur, Tropical Press, p.53-89.

L111 King, M.W., Soetisna, U. & Roberts, E.H. The dry storage of
1981 Citrus seeds. Ann. Bot., 48: 865-872.

L112 King, M.W. & Roberts, E.H. Imbibed storage of cocoa (Theobroma
1983 cacao, L.) seeds. Seed Sci. Technol., 10: 535-540.

L113 Kobayashi, S., Ikeda, I. & Nakatani, M. Long-term storage of
1978 citrus pollen. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station, Ministry of Agriculture and Forestry, p.8-12.

L114 Kotobuki, K. Seed storage of Japanese persimmon, Diospyros kaki.
1978 In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station, Ministry of Agriculture and Forestry, p.36-42.

L115 Kozaki, I. Storage methods of pollen. In Matsuo, T., ed. JIBP
1975 synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.89-94.

L116 Kozlowski, T.T., ed. Seed Biology. New York & London, Academic
1972 Press. 3 vols.

L117 Kubistova, S. {Long-term storage of seeds of genetic source
1978 material.} Vestn. Cesk. Akad. Zemed., 25: 212-215. (In Czech)

L118 Lakon, G. The topographical tetrazolium method for
1949 determining the germination capacity of seeds. Plant Physiol., Lancaster, Pa., 24: 389-394.

L119 Lam, M. & Delbosc, G. Conservation des semences d'arachide en
1978 magasins refrigeres. Oleagineux, 33: 123-128.

L120 Loomis, H.F. Preparation and germination of palm seeds.
1961 Cultivated palms. Am. Hortic. Mag., 40: 124-130.

L121 Luan, H.Y., Chin, H.F. & Zain Karim, M. The effect of seed
1983 moisture and storage temperature on the storability of cocoa (Theobroma cacao L.) seeds. Preprint no.44. 20th ISTA Congr., Ottowa, June 1983. Zurich, ISTA Secretariate. 8pp.

L122 Mackay, D.B. The measurement of viability. In Roberts, E.H.,
1972 ed. Seed viability. London, Chapman and Hall, p.172-208.

L123 MacKay, D.B. & Tonkin, J.H.B. Investigations in crop seed
1967 longevity. I. An analysis of long-term experiments, with special reference to the influence of species, cultivar, provenance and season. J. Natn. Inst. Agric. Bot., UK, 11: 209-225.

L124 Mayer, A.M. & Poljakoff-Mayber, A. The germination of seeds.
1975 Oxford, Pergamon Press. 192pp

L125 Mesch, J. & Szabó, L. {Effect of pre-cooling on germination of
1969 100 winter wheat varieties in the course of after-ripening.} Agrobotanika, 11: 155-167. (In Hungarian)

L126 Miri, R.K. A proposal on preservation of segregating
1971 population seeds. SABRAO Newsl., 3: 143-144.

L127 Mok, C.K. Sample size for moisture and viability testing of
1970 oil palm (Elaeis guineensis Jacq.) seed. Document, 16th Int. Seed Test Ass. Congress, Washington, D.C.

L128 Mok, C.K. The tetrazolium test for evaluating the oil palm
1970 (Elaeis guineensis Jacq.) seed. Document, 16th Int. Seed Test Ass. Congress, Washington, D.C.

L129 Montenegro, H.W.S. & Salibe, A.A. Conservacao de sementes de
1947 portaenxertos para citrus. Rev. Agri. (Piracicaba), 35: 109-136.

L130 Moore, F.D. & Roos, E.E. Determining differences in viability
1982 loss rates during seed storage. Seed Sci. Technol., 10: 283-300.

L131 Morey, D.D. Storage of rye, wheat and oat seed. Georgia Agric.
1978 Res., 20: 20-26.

L132 Mumford, P.M. & Brett, A.C. Conservation of cacao seed. Trop.
1982 Agric., 59: 306-310.

L133 Mumford, P.M. & Grout, B.W.W. Germination and liquid nitrogen
1978 storage of cassava seed. Ann. Bot., 42: 255-257.

L134 Mumford, P.M. & Grout, B.W.W. Desiccation and low temperature
1979 (-196°C) tolerance of Citrus limon seed. Seed Sci. Technol., 7: 407-410.

L135 Murata, M., Roos, E.E. & Tsuchiya, T. Chromosome damage induced
1981 by artificial seed ageing in barley. 1. Germinability and frequency of aberrant anaphases at first mitosis. Can. J. Genet. Cytol., 23: 267-280.

L136 Nath, J. & Anderson, J.O. Effect of freezing and freeze-drying
1975 on the viability and storage of pollen of Lilium longiflorum L. and Zea mays L. pollen. Cryobiology, 12: 81-88.

L137 Neergaard, P. Seed pathology. 2 vols. London, Macmillan. 1187pp.
1977

L138 Nellist, M.E. Predicting the viability of seeds dried with
1981 heated air. Seed Sci. Technol., 9: 439-445.

L139 Ng, N.Q. & Williams, J.T. Seed stores for crop genetic
1979 conservation. Rome, IBPGR. 31pp.

L140 Niemirowicz-Szczytt, K. Seed regeneration in Fragaria ananassa
1982 varieties and Fragaria x Potentilla crosses. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.203-207.

L141 Nishiyama, I. Decrease in germination activity of rice seeds due
1977 to excessive desiccation in storage. Jap. J. Crop Sci., 46: 111-118.

L142 Norden, A.J. Effect of preparation and storage environment on
1981 life-span of shelled peanut seed. Crop Sci., 21: 263-266.

L143 Nowosielska, B. & Schneider, J. {The productive value of lettuce
1980 (Lactuca sativa) seed after long term storage.} Hodowla Rosl. Aklim. Nasienn., 24: 731-739. (In Polish, English summary)

L144 Omura, M. & Akihama, T. Pollen preservation of fruit trees for
1980 genebanks in Japan. Plant Genet. Resour. Newsl., 43: 28-31.

L145 Omura, M., Sato, Y. & Seike, K. Long term preservation of
1978 Japanese pear seeds under extra-low temperatures. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station, Ministry of Agriculture and Forestry, p.26-30.

L146 Osborne, D. Seeds of the past. New Sci., 63: 252-254.
1974

L147 Owen, E.B. 1957 The storage of seeds for maintenance of variability. Common. Bureau Pastures Field Crops, Hurley, Bull., 43. 81pp.

L148 Pace, C.de, Monti, L.M., Perrino, P., Porceddu, E., Spagnoletti Zeuli, P.L. & Scarascia-Mugnozza, G.T. 1982 Theoretical aspects and practical implications of cross-pollination on seed regeneration of field crop genetic resources. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.211-251.

L149 Pammenter, N.W., Adamson, J.H. & Berjak, P. 1974 Viability of stored seed: extension by cathodic protection. Science, N.Y., p.1123-1124.

L150 Papp, E. 1969 {Reliable ascertainment of maturity degree in cucumber seeds.} Agrobotanika, 11: 187-202. (In Hungarian)

L151 Pollhamer, E. 1960 {Experiments on the duration of seed dormancy in different varieties of winter and spring barley.} Növénytermelés, 9: 231-246. (In Hungarian. English summary).

L152 Pyke, E.E. 1935 On the germination of cacao beans with special reference to storage and transport problems. In Imperial College of Tropical Agriculture. Fourth annual report on cacao research, 1934, Trinidad, Government Printing Office. p.34-40.

L153 Quagliotti, L. 1982 Problems of pollination in seed regeneration of cross-pollinated vegetables. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.191-201.

L154 Rao, S.P. 1980 Fertility, seed storage and seed viability in sugar cane. Proc. 17th Congr. Int. Soc. Sugar Cane Technologists, 1980, Philippines, p.1236-1241.

L155 Reitan, A. 1977 Storage of cabbage seeds. Forsk. Fors. Landbruket, 28: 448-495.

L156 Rincker, C.M. 1974 Effect of frequent thawing on viability of red clover seed in cold storage. Crop Sci., 14: 749-750.

L157 Rincker, C.M. 1981 Long-term subfreezing storage of forage crop seeds. Crop Sci., 21: 424-427.

L158 Roberts, E.H. 1960 The viability of cereal seed in relation to temperature and moisture. Ann. Bot., 24: 12-30.

L159 Roberts, E.H. 1961 The viability of rice seed in relation to temperature, moisture content and gaseous environment. Ann. Bot., 25: 381-390.

L160 Roberts, E.H. 1961 Viability of cereal seed for brief and extended periods. Ann. Bot., 25: 373-380.

L161 Roberts, E.H. 1972 Storage environment and the control of viability. In Roberts, E.H., ed. Seed viability. London, Chapman and Hall, p.14-58.

L162 Roberts, E.H., ed. 1972 Seed viability. London, Chapman and Hall, 437pp.

L163 Roberts, E.H. 1972 Cytological, genetical, and metabolic changes associated with loss of viability. In Roberts, E.H., ed. Seed viability. London, Chapman and Hall, p.253-306.

L164 Roberts, E.H. 1973 Predicting the storage life of seeds. Seed Sci. Technol., 1: 499-514.

L165 Roberts, E.H. 1975 Problems of long-term storage of seed and pollen for genetic resources conservation. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.269-295.

L166 Roberts, E.H. 1978 Conservation. I. The long-term storage of viable seeds. In Hughes, J.G., ed. Conservation of plant genetic resources. Proc. Section K & M British Assoc. Adv. Sci., Aston 1977. Birmingham, Aston University, p.26-35.

L167 Roberts, E.H. 1978 Mutations during seed storage. Acta Hortic., 83: 279-282.

L168 Roberts, E.H. 1979 Seed deterioration and loss of viability. Adv. Res. Technol. Seeds, 4: 25-42.

L169 Roberts, E.H. 1981 Physiology of ageing and its application to drying and storage. Seed Sci. Technol., 9: 359-372.

L170 Roberts, E.H. & Ellis, R.H. 1977 Prediction of seed longevity at sub-zero temperatures and genetic resources conservation. Nature, Lond., 268: 431-432.

L171 Roberts, E.H. & Ellis, R.H. 1982 Physiological, ultrastructural and metabolic aspects of seed viability. In Khan, A.A., ed. The physiology and biochemistry of seed development, dormancy and germination. Amsterdam, Elsevier Biomedical Press, p.465-485.

L172 Roberts, E.H. & King, M.W. The characteristics of recalcitrant
1980 seeds. In Chin, H.F. & Roberts, E.H., eds. Recalcitrant crop seeds. Kuala Lumpur, Tropical Press, p.1-5.

L173 Roberts, E.H. & King, M.W. Storage of recalcitrant seeds. In
1982 Withers, L.A. & Williams, J.T., eds. Crop genetic resources the conservation of difficult material. Proc. Int. Workshop Univ. Reading, UK. 8-11 Sept. 1980. Paris, International Union of Biological Sciences. Serie B42, p.39-48.

L174 Roos, E.E. Physiological, biochemical and genetic changes in
1980 seed quality during storage. HortScience, 15: 781-784.

L175 Roos, E.E. Induced genetic changes in seed germplasm during
1982 storage. In Khan, A.A., ed. The physiology and biochemistry of seed development, dormancy and germination. Amsterdam, Elsevier Biomedical Press, p.409-434.

L176 Sahar, N. & Spiegel-Roy, P. Citrus pollen storage. HortScience,
1980 15: 81-82.

L177 Sakai, A. & Noshiro, M. Some factors contributing to the
1975 survival of crop seeds cooled to the temperature of liquid nitrogen. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.317-326.

L178 Sanada, T., Yoshida, Y. & Haniuda, T. {Studies on the method of
1981 seed storage in apple breeding.} Bull. Fruit Tree Research Station, Ser. C, 8: 15-19. (In Japanese, English summary)

L179 Schmidt, G. {Investigation of the physiology of germination in
1962 barley varieties originating from regions of different geographical site in sodium and potassium salt solutions of different concentrations.} Agrobotanika, 4: 125-134. (In Hungarian)

L180 Sebastiampillai, A.R. & Anandappa, T.I. The influence of
1979 moisture and temperature on the germinability and longevity of tea (Camellia sinensis L.) seeds. Tea Quart., 48: 8-20.

L181 Shands, H.L., Janisch, D.C. & Dickson, A.D. Germination response
1967 of barley following different harvesting conditions and storage treatments. Crop Sci., 7: 444-446.

L182 Simpson, D.M. & Stone, B.M. Viability of cotton seed as affected
1935 by field conditions. J. Ag. Res., 50: 435-437.

L183 Solovieva, M.A. Long term storage of fruit seeds. Proc. 17th
1966 Int. Hort. Congr., Maryland, 1: 238.

L184 Somaroo, B.H. & Ceccarelli, S. Seed multiplication of cross-
1982 pollinated forage crops at ICARDA. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.97-107.

L185 Soria, J. & Denys, G. Conservation of cacao pollen. Cacao
1961 (Costa Rica), 6: 13.

L186 Stanley, R.G. & Linskens, H.F. Pollen. New York, Springer-
1974 Verlag.

L187 Stanwood, P.C. & Bass, L.N. Ultracold preservation of seed
1978 germplasm. In Li, P.H. & Sakai, A., eds. Plant cold hardiness and freezing stress. New York, Academic Press, p.361-371.

L188 Stanwood, P.C. & Bass, L.N. Seed germplasm preservation using
1981 liquid nitrogen. Seed Sci. Technol., 9: 423-437.

L189 Stevens, R., Jorgensen, K.R. & Davis, J.N. Viability of seed
1981 from thirty-two shrub and forb species through fifteen years of warehouse storage. Great Basin Nat., 41: 274-277.

L190 Stewart, J.M. & Duncan, E.N. Cottonseed viability after long-time
1976 storage. Agron. J., 68: 243-244.

L191 Styles, E.D., Burgess, J.M., Mason, C. & Huber, B.M. Seed
1982 storage in liquid nitrogen. Cryobiology, 19: 195-199.

L192 Swabrick, J.T. Storage of cocoa seeds. Exper. Agric.,1: 201.
1965

L193 Szabó, L. & Virányi, S. {Germination data of seeds of different
1970 crops, after storage in unconditioned environment.} Agrobotanika, 12: 15-20. (In Hungarian)

L194 Takahashi, N. & Suzuki, Y. Factors affecting the viability of
1975 seeds with special references to maturity and longevity. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.63-69.

L195 Takayanagi, K. 1975 Discernment of seed viability without germination testing. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.69-75.

L196 Takayanagi, K. 1980 Seed storage and viability tests. In Tsunoda, S., Hinata, K. & Gomez-Campo, C., eds. Brassica crops and wild allies. Biology and breeding. Tokyo, Scientific Societies Press, p.303-321.

L197 Takayanagi, K., Ohkawa, Y. and Shiga, T. 1978 A tentative modification of tetrazolium method for testing fruit seed vigor. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station Ministry of Agriculture and Forestry, p.19-25.

L198 TeKrony, D.M., Egli, D.B. & Phillips, A.D. 1980 Effect of field weathering on the viability and vigour of soybean seed. Agron. J., 72: 749-753.

L199 Teng, Y.T. 1980 The effect of three methods of drying on the viability, vigour and storability of maize (Zea mays L.), sorghum (Sorghum vulgare L.) and soybean (Glycine max (L) Merrill) seeds. Malaysian Agric. Res. Develop. Inst. Res. Bull., 8: 175-187.

L200 Teng, Y.T. & Hor, Y.L. 1977 Storage of tropical fruit seeds. In Chin, H.F., Enoch, I.C. & Harun, R.M.R., eds. Seed technology in the tropics. Serdang, Selangor, Univ. Pertanian Malayasia. p.135-146.

L201 Teng, Y.T. 1977 Storage of passion fruit (Passiflora edulis forma flavicarpa) seeds. Malaysian Agric. J., 51: 118-123.

L202 Thompson, P.A. 1973 Techniques for the storage of seed of species and ecotypes. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.65-66.

L203 Thomson, J.R. 1979 An introduction to seed technology. Glasgow, UK, Leonard Hill. 252pp.

L204 Tittel, C. 1979 Die Trocknung von Leguminosensamen fur die Langzeitlagerung. Kulturpflanze, 27: 175-180.

L205 Towill, L.E. 1982 Low temperature (-196°C) storage of true seed from the tuber-bearing Solanum species. Am. Pot. J., 59: 141-147.

L206 Towill, L.E. 1983 Longevity of true seed from tuber-bearing and closely related non-tuber-bearing Solanum species. Am. Pot. J., 60: 75-83.

L207 Veronesi, F., Lorenzetti. F. & Porceddu, E. 1982 Pollination and seed regeneration in lucerne. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.87-96.

L208 Villiers, T.A. 1973 Ageing and the longevity of seeds in field conditions. In Heydecker, W., ed. Seed ecology. London, Butterworths. p.265-289.

L209 Villiers, T.A. 1974 Seed ageing: chromosome stability and extended viability of seeds stored fully imbibed. Plant Physiol., Lancaster, Pa., 53: 875-878.

L210 Villiers, T.A. 1975 Genetic maintenance of seeds in imbibed storage. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.297-316.

L211 Villiers, T.A. & Edgcumbe, D.J. 1975 On the cause of seed deterioration in dry storage. Seed Sci. Technol., 3: 761-764.

L212 Virányi, S. 1973 {Experiments in seed-drying with the Dutch-made dessicator EA/100.} Agrobotanika, 15: 239-248. (In Hungarian)

L213 Visser, T. 1955 Germination and storage of pollen. Meded. Landbouwhogesch., Wageningen, 55:1-66.

L214 Visser, T. & Tillekoronte, L.M. 1958 Observation on the germination and storage of tea pollen and seed. Tea Q., 29: 30-35.

L215 Vossen, H.A.M. van der. 1979 Methods of preserving the viability of coffee seed in storage. Seed Sci. Technol., 7: 65-74.

L216 Walyaro, D.J. & Vossen, H.A.M. van der. 1977 Pollen longevity and artificial cross-pollination in Coffea arabica L. Euphytica, 26: 225-231.

L217 Ward, F.H. & Powell, A.A. 1983 Evidence for repair processes in onion seeds during storage at high seed moisture contents. J. Exper. Bot., 34: 277-282.

L218 Weatherhead, M.A., Grout, B.W.W. & Henshaw, G.G. 1979 Advantages of storage of potato pollen in liquid nitrogen. Potato Res., 21: 97-100.

L219 Weibull, G. 1953 The cold storage of vegetable seed and its significance for plant breeding and the seed trade. Rep. 13th Int. Hort. Congr., 1952.

L220 Weibull, G. 1955 The cold storage of vegetable seed - further studies. Proc. 14th Int. Hort. Congr., 22pp.

L221 Whitehead, J. 1981 The use of the sequential probability ratio test for monitoring the percentage germination of accessions in seed banks. Biometrics, 37: 129-136.

L222 Whitehead, R.A. 1965 Freeze-drying and room temperature storage of coconut pollen. Econ. Bot., 19: 267-275.

L223 Williams, J.T. & Hanson, J. 1974 The potential of vigour testing for long term seed storage. J. Hort. Sci., 49: 395-401.

L224 Wilton, A.C., Townsend, C.E., Lorenz, R.J. & Rogler, G.A. 1978 Longevity of alfalfa seed. Crop Sci., 18: 1091-1093.

L225 Woodstock, L.W., Simkin, J. & Schroeder, E. 1976 Freeze-drying to improve seed storability. Seed Sci. Technol., 4: 301-311.

Other relevant references :

K17,P42,BET34,COC54

M CONSERVATION - CELL, TISSUE AND ANTHER CULTURE

M1 Arditti, J. 1982 Tissue culture of taro. In Rao, A.N., ed. Tissue culture of economically important plants. Proc. COSTED Symp., Singapore, 28 - 30, April 1981. Singapore, COSTED/ANBS, p.83-84.

M2 Ashwood-Smith, M.J. 1965 On the genetic stability of bacteria to freezing and thawing. Cryobiology, 2: 39-45.

M3 Bajaj, Y.P.S. 1976 Gene preservation through freeze-storage of plant cell, tissue and organ culture. Acta Hortic., 63: 75-84.

M4 Bajaj, Y.P.S. 1978 Tuberization in potato plants regenerated from freeze-preserved meristems. Crop Improv., 5: 137-141.

M5 Bajaj, Y.P.S. 1979 Establishment of germplasm banks through freeze-storage of plant tissue culture and their implications in agriculture. In Sharp, W.M., ed. Plant cell and tissue culture: principles and applications. Colombus, Ohio University Press, p.745-774.

M6 Bajaj, Y.P.S. 1979 Freeze-preservation of meristems of Arachis hypogaea and Cicer arietinum. Indian J. Exp. Biol., 17: 1405-1407.

M7 Bajaj, Y.P.S. & Reinert, J. 1977 Cryobiology of plant cell cultures and establishment of gene-banks. In Reinert, J. & Bajaj, Y.P.S., eds. Applied and fundamental aspects of plant cell, tissue, and organ culture. Berlin, Springer-Verlag, p.757-789.

M8 Bannier, L.J. & Steponkus, P.L. 1972 Freeze preservation of callus cultures of Chrysanthemum moriflorum Ramat. Hort. Science, 7: 194.

M9 Bayliss, M.W. 1973 Origin of chromosome number variation in cultured plant cells. Nature, Lond., 246: 529-530.

M10 Blakely, L.M. & Steward, F.C. 1964 Growth and organised development of cultured cells. 7. Cellular variation. Am. J. Bot., 51: 809-820.

M11 Butenko, R.R. & Popov, A.S. 1979 {A bank of plant cells - possibilities and problems.} Priroda, USSR. 4: 2-11. (In Russian)

M12 Chen, W.H., Cockburn, W. & Street, H.E. 1979 Preliminary experiments on freeze-preservation of sugar cane cells. Taiwania, 24: 70-74.

M13 Choo, W.K., Yew, W.C. & Corley, R.H.V. 1982 Tissue culture of palms - a review. In Rao, A.N., ed. Tissue culture of economically important plants. Proc. COSTED Symp., Singapore, 28-30 April 1981. Singapore, COSTED/ANBS, p.138-144.

M14 Clapham, D. 1971 In vitro development of callus from the pollen of Lolium and Hordeum. Z. Pflanzenzucht., 65: 285-292.

M15 Cox, E.A., Stotzky, G. & Goos, R.D. 1960 In vitro culture of Musa balbisiana Colla embryos. Nature, Lond., 185: 403-404.

M16 D'Amato, F. 1952 Polyploidy in the differentiation and function of tissues and cells in plants. A critical examination of the literature. Caryologia, 4: 311-358.

M17 D'Amato, F. 1964 Cytological and genetic aspects of ageing. Proc. 11th Int. Genet. Congr., 285-295.

M18 D'Amato, F. 1965 Endopolyploidy as a factor in plant tissue development. In White, P.R. & Grove, A.R., eds. Proceedings of an international conference in plant tissue culture. Berkeley, McCutchan, p.449-462.

M19 D'Amato, F. 1972 Morphogenetic aspects of the development of meristems in seed embryos. In Miller, M.W. & Kuehnert, C.C., eds. The dynamics of meristem cell populations. New York, Plenum Press, p.149-163.

M20 D'Amato, F. 1975 The problem of genetic stability in plant tissue and cell cultures. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.333-348.

M21 Datta, S.K., Datta, K. & Datta, P.C. 1982 Propagation of yam - Dioscorea composita through tissue culture. In Rao, A.N., ed. Tissue culture of economically important plants. Proc. COSTED Symp., Singapore, 28-30 April 1981. Singapore, COSTED/ANBS, p.90-93.

M22 Debergh, P. & Nitsch, C. 1973 Premiers résultats sur la culture in vitro de grains de pollen isolés chez la tomate. C.R. Acad. Sci. Paris, 276D: 1281-1284.

M23 Devreux, M., Saccardo, F. & Brunori, A. 1971 Plantes haploides et lignes isogeniques de Nicotiana tabacum obtenues par culture d'anthères et de tiges in vitro. Caryologia, 24: 141-148.

M24 Dougall, D.K. & Wetherell, D.F. 1974 Storage of wild carrot cultures in the frozen state. Cryobiology, 11: 410-415.

M25 Dunwell, J.M. & Sunderland, N. 1973 Anther culture of Solanum tuberosum L. Euphytica, 22: 317-323.

M26 Estrada, R., Schilde-Rentschler, L. & Espinoza, N. 1983 In vitro storage of potato germplasm. In CIP. Research for the potato in the year 2000. Proc. Int. Congr. 10th anniversary International Potato Center, Lima, Peru, Feb. 1982. Lima, International Potato Center, p.80-81.

M27 Finkle, B.J. & Ulrich, J.M. 1979 Effects of cryoprotectants in combination on the survival of frozen sugar cane cells. Plant Physiol., 63: 598-604.

M28 Finkle, B.J. & Ulrich, J.M. 1982 Cryoprotectant removal temperatures as a factor in the survival of frozen rice and sugarcane cells. Cryobiology, 19: 329-335.

M29 Gautheret, R.J. 1939 Sur la possibilité de réaliser la culture indefinie des tissus de tubercules de carotte. C.R. Hebd. Séanc. Acad. Sci., Paris, 208: 218-220.

M30 Gresshoff, P.M. & Mohapatra, S.S. 1982 Legume cell and tissue culture. In Rao, A.N., ed. Tissue culture of economically important plants. Proc. COSTED Symp., Singapore, 28-30 April 1981. Singapore, COSTED/ANBS, p.11-24.

M31 Grout, B.W.W. & Henshaw, G.G. 1978 Freeze-preservation of potato shoot tip cultures. Ann. Bot., 42: 1227-1229.

M32 Grout, B.W.W. & Henshaw, G.G. 1980 Structural observations on the growth of potato shoot-tip cultures after thawing from liquid nitrogen. Ann. Bot., 46: 243-248.

M33 Grout, B.W.W., Westcott, R.J. & Henshaw, G.G. 1978 Survival of shoot meristems of tomato seedlings frozen in liquid nitrogen. Cryobiology, 15: 478-483.

M34 Hardin, B. 1982 Freezing potato shoot tips. Agric. Research, USA, 31: 6.

M35 Harn, C. 1970 Studies on the anther culture of rice. Korean J. Breeding, 13: 17-23.

M36 Harn, C. 1971 Studies on anther culture in Solanum nigrum. SABRAO Newsl., 3: 39-42.

M37 Haskins, R.H. & Kartha, K.K. 1980 Freeze-preservation of pea meristems. Can. J. Bot., 58: 833-840.

M38 Hawkins, E.K. 1968 Induction of cell differentiation in dissociated cells and fragments of Callithamnion roseum. Am. J. Bot., 55: 255-264.

M39 Henshaw, G.G. 1975 Technical aspects of tissue culture storage for genetic conservation. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.349-357.

M40 Henshaw, G.G. 1979 Tissue cultures and germplasm storage. Int. Assoc. Plant Tiss. Cult. Newsl., 28: 2-7.

M41 Henshaw, G.G. & Grout, B.W.W. 1978 Conservation. II. The long-term storage of plant tissues by means of meristem culture and other in vitro techniques. In Hughes, J.G., ed. Conservation of plant genetic resouces. Proc. Section K & M British Assoc. Adv. Sci., Aston 1977. Birmingham, Aston University, p.36-41.

M42 Henshaw, G.G. & O'Hara, J.F. 1983 In vitro approaches to the conservation and utilization of global plant genetic resources. In Mantell, S.H. & Smith, H., eds. Plant biotechnology. SEB seminar series, vol.18. Cambridge, Cambridge University Press, p.219-240.

M43 Henshaw, G.G., O'Hara, J.F. & Westcott, R.J. 1980 Tissue culture methods for the storage and utilization of potato germplasm. In Ingram, D.S., & Helgeson, J.P., eds. Tissue culture methods for plant pathologists. Oxford, Blackwell Scientific Publications, p.71-76.

M44 Henshaw, G.G., Stamp, J.A. & Westcott, R.J. 1979 Tissue cultures and germplasm storage. In Sala, F. & Cella, R., eds. Proceedings: Plant tissue culture conference. Pavia, Italy 1979, p.277-282.

M45 Heszky, L. 1972 {Raising full-grown plants of Daucus carota L. from single cells of callus-tissue. I. Induction of adventive embryogenesis and organogenesis.} Agrobotanika, 14: 43-58. (In Hungarian)

M46 Heszky, L. & Mesch, J. 1976 Anther culture investigations in cereal gene bank collection. Z. Pflanzenzucht., 77: 187-197.

M47 Heszky, L. & Sajo, Z. 1972 {Raising haploid plants of Oryza sativa L. by in vitro anther and ovary culture. I. Callus-tissue, root and shoot induction.} Agrobotanika, 14: 35-41. (In Hungarian)

M48 Hozyo, Y. 1975 Tuber storage by callus tissues of sweet potato plants (Ipomoea batatas Poiret). In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.94-98.

M49 Irikura, Y. & Sakaguchi, S. 1972 Induction of 12-chromosome plants from anther culture in a tuberous Solanum. Potato Res., 15: 170-173.

M50 Iyer, R.D. 1982 Embryo and tissue culture for crop improvement, especially of perennials, germplasm conservation and exchange - relevance to developing countries. In Rao, A.N., ed. Tissue culture of economically important plants. Proc. COSTED Symp., Singapore, 28-30 April 1981. Singapore, COSTED/ANBS, p.219-230.

M51 James, E. 1983 Low temperature preservation of living cells. In Mantell, S.H. & Smith, H., eds. Plant biotechnology, SEB seminar series, vol.18. Cambridge, Cambridge University Press, p.163-186.

M52 Kartha, K.K. 1979 Freeze preservation of plant meristems as a means of germplasm preservation. Agrologist, 8: 29.

M53 Kartha, K.K. 1982 Genepool conservation through tissue culture. In Rao, A.N., ed. Tissue culture of economically important plants. Proc. COSTED Symp., Singapore, 28-30 April 1981. Singapore, COSTED/ANBS, p.213-218.

M54 Kartha, K.K., Leung, N.L. & Pahl, K. 1980 Cryopreservation of strawberry meristems and mass propagation of plantlets. J. Am. Soc. Hort. Sci., 105: 481-484.

M55 Kartha, K.K., Mroginski, L.A., Pahl, K. & Leung, N.L. 1981 Germplasm preservation of coffee (Coffea arabica L.) by in vitro culture of shoot apical meristems. Plant Sci. Lett., 22: 301-307.

M56 Latta, R. 1971 Preservation of suspension cultures of plant cells by freezing. Can. J. Bot., 49: 1253-1254.

M57 Liu, M.C. & Chen, W.H. 1973 Creation of genetic variability through callus culture technique in sugarcane. Agron. Abstr.,1973: 9.

M58 MacDougal, D.T. 1926 Growth and permeability of century old cells. Am. Nat., 60: 393-415.

M59 Maddox, A.D., Gonsalves, F. & Shields, R. 1983 Successful preservation of suspension cultures of three Nicotiana species at the temperature of liquid nitrogen. Plant Sci. Lett., 28: 157-162.

M60 Matthews, B.F. & Schaeffer, G.W. 1982 Agricultural applications of in vitro plant cultivation. Advances in Cell Culture. 2: 267-303.

M61 Mazur, P. 1965 Causes of injury in frozen and thawed cells. Fed. Proc., Suppl. 15, p.175-182.

M62 McGann, L.E. 1978 Differing actions of penetrating and non-penetrating cryoprotective agents. Cryobiology, 15: 382-390.

M63 Meryman, H.T. & Williams, R.J. 1982 Mechanisms of freezing injury and natural tolerance, and the principles of artificial cryoprotection. In Withers, L.A. & Williams, J.T., eds. Crop genetic resources the conservation of difficult material. Proc. Int. Workshop Univ. Reading, UK. 8-11 Sept. 1980. Paris, International Union of Biological Sciences. Serie B42, p.5-37.

M64 Mix, G. In-vitro preservation of potato material. Plant Genet. Resour. Newsl., 51: 6-8.

M65 Morel, G. 1972 The impact of plant tissue culture on plant breeding. Proc. 6th Congr. Eucarpia, 185-194.

M66 Morel, G. 1975 Meristem culture techniques for the long-term storage of cultivated plants. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.327-332.

M67 Morel, G.M. 1964 La culture in vitro du méristème apical. Rev. Cytol. Biol. Vég., 27: 307-314.

M68 Morel, G.M. & Martin, C. 1955 Guérison de plantes atteintes de maladies à virus par cultures de méeristèmes apicaux. Rep. 14th Int. Hort. Congr., 1: 303-310.

M69 Morris, G.J. 1980 Cryopreservation of plant tissues. In Ashwood-Smith, M.J. & Farrant, J., eds. Low temperature preservation in medicine and biology. London, Pitman Medicine, p.253-284.

M70 Murashige, T. & Nakano, R. 1966 Tissue culture as a potential tool in obtaining polyploid plants. J. Hered., 57: 115-118.

M71 Nag, K.K. & Street, H.E. 1975 Freeze-preservation of cultured plant cells. I. The pretreatment phase. Physiol. Plantarum, 34: 254-260.

M72 Nag, K.K. & Street, H.E. 1975 Freeze-preservation of cultured plant cells. II. The freezing and thawing phases. Physiol. Plantarum, 34: 261-265.

M73 Narayanswamy, S. 1977 Regeneration of plants from tissue culture. In Reinert, J. & Bajaj, Y.P.S., eds. Applied and fundamental aspects of plant cell, tissue and organ culture. Berlin, Springer-Verlag, p.197-206.

M74 Navak, F.J. 1974 The changes of karyotype in callus cultures of Allium sativum L. Caryologia, 27: 45-54.

M75 Niizeki, H. & Oono, K. 1971 Rice plants obtained by anther culture. Les cultures de tissus de plantes. Colloq. Int. C.N.R.S., 193: 251-257.

M76 Nishi, T. & Mitsuoka, S. 1969 Occurrence of various ploidy plants from anther and ovary culture of rice plants. Jap. J. Genet., 44: 341-346.

M77 Nishi, T., Yamada, Y. & Takahashi, E. 1968 Organ redifferentiation and plant restoration in rice callus. Nature, Lond., 219: 508-509.

M78 Nitsch, J.P. 1972 Haploid plants from pollen. Z. Pflanzenzucht, 67: 3-18.

M79 Nitsch, J.P. & Nitsch, C. Haploid plants from pollen grains.
1969 Science, N.Y., 163: 85-87.

M80 Nobécourt, P. Sur la perennité et l'augmentation de volume des
1939 cultures de tissus végétaux. C.R. Soc. Biol., 130: 1270-1271.

M81 Novak, F.J. The changes of karyotype in callus cultures of
1974 Allium sativum L. Caryologia, 27: 45-54.

M82 Oka, S. & Ohyama, K. In vitro culture of excised mulberry bud
1978 and dormancy analysis with it. In Akihama, T. & Nakajima, K., eds. Long term preservation of favourable germplasm in arboreal crops. Ibaraki-ken, Japan, Fruit Tree Research Station, Ministry of Agriculture and Forestry, p.136-141.

M83 Quatrano, R.S. Freeze preservation of cultured flax cells
1968 utilising dimethylsulphoxide. Plant Physiol., Lancaster, 43: 2057-2061.

M84 Rao, A.N. ed. Tissue culture of economically important plants.
[1982] Proc. COSTED symposium. Singapore, 28-30 April 1981. Singapore, COSTED/ANBS. 307pp.

M85 Reinert, J., Backs-Husemann, D. & Zerban, H. Determination of
1971 embryo and root formation in tissue cultures from Daucus carota. Les cultures de tissue de plantes, Colloq. Int. C.N.R.S., 193: 261-268.

M86 Roca, W.M. Tissue culture at CIAT. Plant Genet. Resour.
1979 Newsl., 39: 14.

M87 Sacristan, M.D. Karyotypic changes in callus cultures from
1971 haploid plants of Crepis capillaris (L.) Wallr. Chromosoma, 33: 273-283.

M88 Sacristan, M.D. & Melchers, G. The caryological analysis of
1969 plants regenerated from tumorous and other callus cultures of tobacco. Molec. Gen. Genet., 105: 317-333.

M89 Sahavacharin, O. Tissue culture for conservation of perennial
1980 crops. Kasetsart J., 14: 1-7.

M90 Sakai, A. Survival of plant tissue at super-low temperatures
1965 and the degree of frost hardiness. Plant Physiol., Lancaster, 40: 882-887.

M91 Sakai, A. Some factors contributing to the survival of
1971 rapidly cooled plant cells. Cryobiology, 8: 225-234.

M92 Sakai, A. & Otsuka, K. A method for maintaining the viability of
1972 less hardy plant cells after immersion in liquid nitrogen. Plant Cell Physiol., 13: 1129-1133.

M93 Sakai, A. & Sugawara, Y. Survival of poplar callus at super-low
1973 temperatures after cold acclimation. Plant Cell Physiol., Tokyo, 14: 1201-1204.

M94 Sakai, A. & Sugawara, Y. Survival of plant germplasm in liquid
1978 nitrogen. In Li, P.H. & Sakai, A., eds. Plant cold hardiness and freezing stress. New York, Academic Press, p.345-359.

M95 Sakai, A. & Yoshida, S. Survival of plant tissue at super-low
1967 temperature. 6. Effects of cooling and rewarming rates on survival. Plant Physiol., Lancaster, 42: 1695-1701.

M96 Sala, F., Cella, R. & Rollo, F. Freeze-preservation of rice
1979 cells. Physiol. Plantarum, 45: 170-176.

M97 Schenk, R.V. & Hildebrandt, A.C. Medium and techniques for
1972 induction and growth of monocotyledonous and dicotyledonous plant cell cultures. Can.J. Bot., 50: 199-204.

M98 Schilde, L. In vitro maintenance of valuable Solanum resources
1981 at CIP. In CIP Report of the planning conference on the exploration, taxonomy and maintenance of potato germ plasm III. Lima, Peru, CIP, p.182-189.

M99 Sharp, W.R., ed. Plant cell and tissue culture: principles and
1979 applications. Columbus, Ohio State University Press.

M100 Shimada, T. Chromosome constitution of tobacco and wheat callus
1971 cells. Jap. J. Genet., 46: 235-241.

M101 Shimida, T., Sasakuma, T. & Tsunewaki, K. In vitro culture of
1969 wheat tissues. 1. Callus formation, organ redifferentiation and single cell culture. Can. J. Genet. Cytol., 11: 294-304.

M102 Singh, R.B. Genetic conservation and tissue culture. In
1982 Rao, A.N., ed. Tissue culture of economically important plants. Proc. COSTED Symp., Singapore, 28-30 April 1981. Singapore, COSTED/ANBS, P.240-242.

M103 Sondahl, M.R. & Sharp, W.R. High frequency induction of somatic
1977 embryogenesis in cultured leaf explants of Coffea arabica L. Z. Pflanzenphsiol., 81: 395-408.

M104 Staritsky, G. In vitro storage of aroid germplasm. Plant Genet.
1977 Resour. Newsl., 42: 25-27.

M105 Steward, F.C., Kent, A.E. & Mapes, M.O. Growth and organisation
1966 in cultured cells: sequential and synergistic effects of growth regulating substances. Ann. N.Y. Acad. Sci., 144: 326-334.

M106 Street, H.E. Plant tissue and cell culture. Oxford, Blackwell.
1977

M107 Sunderland, N. Pollen plants and their significance. New Sci.,
1970 47: 142-144.

M108 Sunderland, N. Anther culture: a progress report. Sci. Prog.,
1971 Oxford, 59: 527-549.

M109 Sunderland, N. Pollen and anther culture. In Street, H.E., ed.
1977 Plant tissue and cell culture. Oxford, Blackwell Scientific Publications. Botanical Monographs, vol.2, p.205-239.

M110 Sunderland, N. & Wicks, F. Cultivation of haploid plants from
1969 tobacco pollen. Nature, Lond., 224: 1227-1229.

M111 Takeuchi, M., Matsushima, H. & Sugawara, Y. Totipotency and
1982 viability of protoplasts after long-term freeze preservation. In Fujiwara, A., ed. Plant tissue culture 1982. Tokyo, Japanese Association for Plant Tissue Cultures, p.797-798.

M112 Tisserat, B., Urich, J.M. & Finkle, B.J. Cryogenic preservation
1981 and regeneration of date palm tissue. HortScience, 16: 47-48.

M113 Torrey, J.G. Morphogenesis in relation to chromosomal
1967 constitution in long term plant tissue culture. Physiol. Plant., 20: 265-275.

M114 Towill, L.E. Cryopreservation of potato germplasm using shoot-
1979 tip culture methodology. (Abstract) Cryobiology, 16: 583-584.

M115 Westcott, R.J. Tissue culture storage of potato germplasm. I.
1981 Minimal growth storage. Potato Res., 24: 331-342.

M116 Westcott, R.J. Tissue culture storage of potato germplasm. II.
1981 Use of growth retardants. Potato Res., 24: 343-352.

M117 Westcott, R.J., Henshaw, G.G. & Roca, W.M. Tissue culture
1977 storage of potato germplasm: culture initiation and plant regeneration. Plant Sci. Lett., 9: 309-315.

M118 Westcott, R.J., Henshaw, G.G., Grout, B.W.W. & Roca, W.M. Tissue
1977 culture methods and germplasm storage in potato. Acta. Hort., 78: 45-49.

M119 White, P.R. 1939 Potentially unlimited growth of excised plant callus in an artificial nutrient. Am. J. Bot., 26: 59-64.

M120 Widholm, J.M. 1972 The use of fluorescein diacetate and phenosafranine for determining viability of cultured plant cells. Stain Tech., 47: 189-194.

M121 Wilkins, C.P. & Dodds, J.H. 1983 The application of tissue culture techniques to plant genetic conservation. Sci. Prog., 68: 259-284.

M122 Wilkins, C.P., Bengochea, T. & Dodds, J.H. 1982 The use of in vitro methods for plant genetic conservation. Outlook Agric., 11: 67-72.

M123 Withers, L.A. 1978 Freeze-preservation of cultured cells and tissues. In Thorpe, T.A., ed. Frontiers of plant tissue culture, 1978. International Association for Plant Tissue Culture, p.297-306.

M124 Withers, L.A. 1978 A fine-structural study of the freeze-preservation of plant tissue cultures. II. The thawed state. Protoplasma, 94: 235-247.

M125 Withers, L.A. 1979 Freeze-preservation of somatic embryos and clonal plantlets of carrot (Daucus carota L.). Plant Physiol., 63: 460-467.

M126 Withers, L.A. 1980 Cryopreservation of plant cell and tissue cultures. In Ingham, D. & Helgeson, J. Tissue culture for plant pathologists. Oxford, Blackwell, p.63-70.

M127 Withers, L.A. 1980 Low temperature storage of plant tissue cultures. In Fiechter, A., ed. Advances in biochemical engineering. Vol.18. Berlin, Springer-Verlag, p.102-150.

M128 Withers, L.A. 1980 The cryopreservation of higher plant tissue and cell cultures - an overview with some current observations and future thoughts. Cryo-letters, 1: 239-250.

M129 Withers, L.A. 1980 Tissue culture storage for genetic conservation. Rome, IBPGR. 91pp.

M130 Withers, L.A. 1980 Preservation of germplasm. In Vasil, I.K. & Murphy, D.G., eds. Perspectives in plant cell and tissue culture. International Review of Cytology. Suppl. IIB. New York, Academic Press, p.101-136.

M131 Withers, L.A. 1982 Storage of plant tissue cultures. In Withers, L.A. & Williams, J.T., eds. Crop genetic resources the conservation of difficult material. Proc. Int. Workshop Univ. Reading, UK. 8-11 Sept. 1980. Paris, International Union of Biological Sciences. Serie B42, p.49-82.

M132 Withers, L.A. 1982 The development of cryopreservation techniques for plant cell, tissue and organ cultures. In Fujiwara, A., ed. Plant tissue culture 1982. Tokyo, Japanese Association for Plant Tissue Cultures, p.793-794.

M133 Withers, L.A. 1982 (in consultation with Langhe, E.A.L. de) Institutes working on tissue culture for genetic conservation - a revised list. Rome, IBPGR. 104pp.

M134 Withers, L.A. 1983 Germplasm storage in plant biotechnology. In Mantell, S.H. & Smith, H., eds. Plant biotechnology, SEB seminar series, vol.18. Cambridge, Cambridge University Press, p.187-218.

M135 Withers, L.A. 1982 & Bajaj, Y.P.S. The establishment of plant tissue cultures and the regeneration of plants from cultures. In Withers, L.A. & Williams, J.T., eds. Crop genetic resources the conservation of difficult material. Proc. Int. Workshop Univ. Reading, UK. 8-11 Sept. 1980. Paris, International Union of Biological Sciences. Serie B42, p.93-96.

M136 Withers, L.A. 1978 & Davey, M.R. A fine-structural study of the freeze-preservation of plant tissue cultures. I. The frozen state. Protoplasma, 94: 207-219.

M137 Withers, L.A. 1979 & King, P.J. Proline - a novel cryoprotectant for the freeze-preservation of cultured cells of Zea mays L. Plant Physiology, 64: 675-678.

M138 Withers, L.A. 1980 & King, P.J. A simple freezing unit and routine cryopreservation method for plant cell cultures. Cryo-Letters, 1: 213-220.

M139 Withers, L.A. 1977 & Street, H.E. Freeze-preservation of plant cell cultures. In Barz, W., Reinhard, E. & Zenk, M-H., eds. Plant tissue culture and its bio-technological application. Berlin, Springer-Verlag, p.226-244.

M140 Yamada, Y., Tanaka, K. & Takahashi, E. 1967 Callus induction in rice, Oryza sativa L. Proc. Japan Acad., 43: 156-159.

M141 Yamanda, T., Nakagawa, H. & Sinoto, Y. 1967 Studies on the differentiation in cultured cells 1. Embryogenesis in three strains of Solanum callus. Bot. Mag. Tokyo, 80: 68-74.

Other relevant references:

K17,R40

N EVALUATION, DOCUMENTATION, DESCRIPTOR LISTS

N1 Alexander, D.E. 1975 The identification of high-quality protein variants and their use in crop plant improvement. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.223-230.

N2 Ashri, A. 1975 Safflower germplasm evaluation. Plant Genet. Resour. Newsl., 31: 29-37.

N3 Budin, K.Z. 1973 {Introduction and documentation of genetic resources.} Trudy Prikl. Bot. Genet. Selek., 49(1): 200-210. (In Russian)

N4 Chang, T.T. 1971 Recommendations on international rice collection and evaluation. International Rice Research Institute, Los Banos, Philippines.

N5 Chang, T.T. et al. 1974 Screening rice germ plasm for drought resistance. SABRAO, J., 6: 9-16.

N6 Chang, T.T. et al. 1975 The search for disease and insect resistance in rice germplasm. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.183-200.

N7 Chang, T.T., Villareal, R.L. & Loresto, G.C. 1973 International collaboration in conserving, evaluating and utilizing rice germ plasm resources. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.24-25.

N8 Chiang, M.S. & Crete, R. 1972 Screening crucifers for germplasm resistance to clubroot, Plasmodiophora brassicae. Can. Plant Dis. Surv., 52: 45-50.

N9 Corley, W.L. 1970 Evaluation of pepper plant introductions. U.S. Dep. Agric., Southern Coop. Serv. Bull. no.151. 56pp.

N10 Damania, A.B. & Porceddu, E. 1981 Screening YAR barley for disease resistance. Plant Genet. Resour. Newsl., 48: 2-3.

N11 Davies, W.E., Thomas, T.A. & Young, N.R. 1967 The assessment of herbage legume varieties. 3. Annual variation in chemical composition of eight varieties. J. Agric. Sci., Camb., 71: 233-241.

N12 Dexter, S.T. 1956 The evaluation of crop plants for winter hardiness. Adv. Agron., 8: 203-239.

N13 Dinoor, A. 1975 Evaluation of sources of disease resistance. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.201-210.

N14 Dinoor, A. 1976 Germplasm and the phytopathologist. Plant Genet. Resour. Newsl., 32: 36-38.

N15 Dolan, D.D. 1957 New germ plasm - the merits and the uses of some plant introductions. Econ. Bot., 11: 244-248.

N16 Dorofeev, V.F. 1975 Evaluation of material for frost and drought resistance in wheat breeding. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.211-222.

N17 Dorst, J.C. 1960 Sources of resistance. Euphytica, 9: 265-271.

N18 Driver, C.M. 1962 Breeding for disease resistance. Rep. Scott. Plant Breed. Sta., 1962: 1-11.

N19 Ellerstrom, S. 1963 Results from preliminary tests in Sweden of plants collected in the Mediterranean region. Genet. Agrar., 17: 201-220.

N20 Engles, J.M.M., Bartley, B.G.D. & Enriguez, G.A. 1980 Cacao descriptors, their states and modus operandi. Turrialba, 30: 209-218.

N21 Erskine, W. & Williams, J.T. 1980 The principles, problems and responsibilities of the preliminary evaluation of genetic resources samples of seed-propagated crops. Plant Genet. Resour. Newsl., 41: 19-33.

N22 Finlay, K.W. & Wilkinson, G.N. 1963 The analysis of adaptation in a plant-breeding programme. Aust. J. Agric. Res., 14: 742-754.

N23 Frankel, O.H. 1970 Evaluation and utilization - introductory remarks. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.395-401.

N24 Graybill, F.A. & Kneebone, W.R. 1959 Determining minimum populations for initial evaluation of breeding material. Agron. J., 51: 4-6.

N25 Haskell, G. 1952 Genetics of cold tolerance in maize and sweet corn seed. Heredity, Lond., 6: 377-385.

N26 Hersh, G.N. & Rogers, D.J. 1975 Documentation and information requirements for genetic resources application. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.407-446.

N27 Hooker, A.L. 1977 A plant pathologist's view of germplasm evaluation and utilization. Crop Sci., 17: 689-694.

N28 Howes, C. 1981 Guidelines for developing descriptor lists. Plant Genet. Resour. Newsl., 45: 26-32.

N29 Huaman, Z., Williams, J.T., Salhuana, W. & Vincent, L. 1977 Descriptors for the cultivated potato. Rome, IBPGR. 47pp.

N30 Hussain, T. 1979 Screening of genetic stocks for resistance to bacterial blight of cotton. Pakistan J. Bot., 11: 33-36.

N31 Hyland, H.L. 1970 Description and evaluation of wild and primitive introduced plants. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.413-419.

N32 IBPGR 1980 Descriptors for beets. Rome, IBPGR. 13pp.

N33 IBPGR 1980 Maize descriptors. Rome, IBPGR. 9pp.

N34 IBPGR 1980 Descriptors for Colocasia. Rome, IBPGR. 16pp.

N35 IBPGR 1980 Descriptors for yams. Rome, IBPGR. 19pp.

N36 IBPGR 1980 Descriptors for cotton. Rome, IBPGR. 18pp.

N37 IBPGR 1980 Descriptors for mung bean. Rome, IBPGR. 18pp.

N38 IBPGR 1980 Descriptors for apricot. Rome, IBPGR. 12pp.

N39 IBPGR 1980 Tropical fruit descriptors revised. Rome, IBPGR. 11pp.

N40 IBPGR 1981 Descriptores de quinua. Rome, IBPGR. 18pp.

N41 IBPGR 1981 Descriptors for sesame. Rome, IBPGR. 19pp.

N42 IBPGR 1981 Lupin descriptors / Descriptores de Lupinos. Rome, IBPGR. 68pp.

N43 IBPGR 1981 Revised descriptors for wheat. Rome, IBPGR. 12pp.

N44 IBPGR 1981 Almond descriptors. Rome, IBPGR. 21pp.

N45 IBPGR 1982 Phaseolus vulgaris descriptors. Rome, IBPGR. 32pp.

N46 IBPGR 1982 Barley descriptors. Rome, IBPGR. 14pp.

N47 IBPGR 1982 Country abbreviations for use with IBPGR descriptors. Plant Genet. Resour. Newsl., 49: 45-48.

N48 IBPGR 1982 Descriptores de oca. Rome, IBPGR. 23pp.

N49 IBPGR 1982 Lima bean descriptors. Rome, IBPGR. 36pp.

N50 IBPGR 1982 Revised winged bean descriptors. Rome, IBPGR. 18pp.

N51 IBPGR/ICRISAT 1980 Sorghum descriptors. Rome, IBPGR. 27pp.

N52 IBPGR/ICRISAT 1981 Descriptors for pigeonpea. Rome, IBPGR. 15pp.

N53 IBPGR/ICRISAT 1981 Descriptors for pearl millet. Rome, IBPGR. 34pp.

N54 IBPGR/ICRISAT 1981 Groundnut descriptors. Rome, IBPGR. 23pp.

N55 IRRI/IBPGR 1980 Descriptors for rice Oryza sativa L. Manila, Philippines, IRRI. 21pp.

N56 Jain, S.K., Qualset, C.O., Bhatt, G.M. & Wu, K.K. 1975 Geographical patterns of phenotypic diversity in a world collection of durum wheats. Crop Sci., 15: 700-704.

N57 Jeswani, L.M., Murthy, B.R. & Mehra, R.B. 1970 Divergence in relation to geographical origin in a world collection of linseed. Indian J. Genet. Plant Breed., 30: 11-25.

N58 Joshi, B.S. 1981 Documentation of plant genetic resources. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.67-71.

N59 Konzak, C.F. 1966 Report of an expert group which met to consider international standardization of crop data recording and processing. Wheat Newsl., 12: 12-24.

N60 Konzak, C.F. 1972 Progress toward international standardized documentation of genetic resource collections from plant explorations. Agron. Abstr., 1972: 13.

N61 Konzak, C.F. 1973 Report of the working party on standardized documentation of plant genetic resources. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.102-104.

N62 Konzak, C.F. 1973 Standardized documentation procedures for germplasm collections. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.28-36.

N63 Konzak, C.F. 1973 The documentation of collections and information management by genetic resources centres. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.82.

N64 Konzak, C.F. & Dietz, S.M. 1969 Documentation for the conservation, management, and use of plant genetic resources. Econ. Bot., 23: 299-308.

N65 Konzak, C.F. & Sigurbjornsson, B. 1966 International cooperation in standardization of procedures in crop research data recording. Fifth Yugoslav Symposium on Research in Wheat. Contemp. Agric., 11-12: 691-696.

N66 Konzak, C.F., Dietz, S.M. & Walden, W.E. [ ] The documentation of collections and information management by genetic resource centres. Washington State University, Scientific paper.

N67 Konzak, C.F., Sigurbjornsson, B. & Delhove, G.E. 1967 Towards international standardization of crop research data recording. Plant Genet. Resour. Newsl., 19: 8-9.

N68 Kretschmer, A.E. Jr. 1979 Characterization and preliminary evaluation. In Mott, G.O., ed. Handbook for the collection, preservation and characterization of tropical forage germplasm resources. Cali, Colombia, CIAT, p.33-43.

N69 Laisiepen, K., Lutterbeck, E. & Meyer-Uhlenried, K.H. 1972 Grundlagen der praktischen Information und Dokumentation. Munich and Berlin, Verlag Dokumentation.

N70 Macer, R.C.F. 1960 Nature and exploitation of crop plant resistance to disease. Nature, Lond., 186: 857-859.

N71 McNeal, F.H. et al. 1971 System for recording and processing cereal research data. U.S. Dep. Agric., Agric. Res. Serv. Bull. 34-121. 42pp.

N72 Menzel, H. 1966 Information needs and uses in science and technology. In Cuadra, C., ed. Annual Review Information Science Technology. New York, John Wiley, p.41-71.

N73 Mesch, J. 1973 {Results of investigations into promising items of the wheat world-collection, over the years 1968-1972. I. Investigations on productivity.} Agrobotanika, 105: 135-136. (In Hungarian)

N74 Milatz, R. 1970 Kriterien der Getreidarten, einschleisslich Maiz und ihre Bewertung zur Sortenidentifizierung. Bonn.

N75 Molski, B., Kubiczek, R. & Puchalski, J. 1981 Rye genetic resources evaluation in the Botanical Garden of the Polish Academy of Sciences in Warsaw. Kulturpflanze, 29: 129-136.

N76 Moseman J.G., Kilpatrick, R.A. & Porter, W.M. 1979 Evaluation and documentation of pest resistance in wheat germplasm collections. In Ramanujam, S., ed. Proc. 5th Int. Wheat Genetics Symp. Vol.2. Conservation, classification and cataloguing of genetic resources, New Delhi, Indian Society of Genetics and Plant Breeding, p.143-148.

N77 O'Donnez, P. 1973 Evaluation of breeding material of herbage crops. Proc. of a meeting of Eucarpia Fodder Crops Section.

N78 Oort, A.J.P. 1963 A gene-for-gene relationship in the Triticum-Ustilago system, and some remarks on host-pathogen combinations in general. Neth. J. Plant Pathol., 69: 104-109.

N79 Porceddu, E. 1971 Sistema di documentazione delle risorse genetiche vegetali, presso il Laboratorio del Germoplasma di Bari. Riv. Agron., 4: 277-286.

N80 Porter, W.M. & Moseman, J.G. 1981 Selection of descriptors for evaluating and maintaining the USDA small grain collection. In Barley Genetics IV. Proc. 4th Int. Barley Genet. Symp. Edinburgh July 1981. Edinburgh, Edinburgh University Press, p.62-66.

N81 Rabinowitch, H.D., Ventura, Y., Mitchnick, Z., Netzer, D. & Zur, M. 1980 Descriptors and states for characterization of onion (Allium cepa L.) germplasm resources. Report of the onion crop committee. Volcani Center, Bet Dagan, Israel, Min. Agric., Agric. Res. Organization Special Publ. no.151. 21pp. (In English & Hebrew)

N82 Robbelen, G. 1975 Screening for oils and fats in plants. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.231-247.

N83 Rogers, D.J. 1974 The documentation of plant genetic resources. Rome. FAO, 13pp.

N84 Rogers, D.J., 1975 Snoad, B. & Seidewitz, L. Documentation for genetic resources centers. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.395-405.

N85 Saio, K. 1975 Some methods for the evaluation of organisms' characters and their applications. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.111-123.

N86 Santiago, A. 1965 Coordinating, systematising and numbering devices for information recording, storage and retrieval and for analysis, synthesis and insight of views on classified materials. Taxon, 14: 58-63.

N87 Seidewitz, L. 1973 The German gene bank documentation system and its relation to international systems. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.45-47.

N88 Seidewitz, L. 1974 Thesaurus for the international standardization of genebank documentation. Part 1. Cereals (including maize, rice, sorghum). 2nd ed. Braunschweig - Volkenrode, Institut fur Pflanzenbau und Saatgutforschung. 113pp.

N89 Seidewitz, L. 1974 Thesaurus for the international standardization of genebank documentation. Part 2. Forage crops including grasses. Braunschweig - Volkenrode, Institut fur Pflanzenbau und Saatgutforschung.

N90 Seidewitz, L. 1974 Thesaurus for the international standardization of genebank documentation. Part 3. Root and tuber crops. Braunschweig - Volkenrode, Institut fur Pflanzenbau und Saatgutforschung, 56pp.

N91 Seidewitz, L. 1975 Thesaurus for the international standardization of genebank documentation. Part 4. Vegetables, oils and fiber crops. Braunschweig - Volkenrode, Institut fur Pflanzenbau und Saatgutforschung. 144pp.

N92 Seidewitz, L. 1979 Need for a standardized information system. Plant Genet. Resour. Newsl., 39: 11-12.

N93 Shevchuk, T. 1973 Evaluation of plant collections. Plant Genet. Resour. Newsl., 29: 2-6.

N94 Single, W.V. 1968 Variation in resistance to spring frost in Triticum aestivum L. and related species. Proc. 3rd Int. Wheat Genet. Symp., Canberra, 282-287.

N95 Sterling, J.D.E., MacLaren, R.B. & Cannon, F.M. Reaction of
1962 barley varieties and hybrids to infestation by the barley jointworm, Harmolita hordei (Harris). Can. J. Plant Sci., 42: 646-650.

N96 Takahashi, R. & Muramatsu, M. A proposed Japanese record system
1975 for the useful plant germplasm. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.147-197.

N97 Tiwari, A.S. & Singh, B.R. Evaluation of lentil germplasm. LENS,
1978 5: 20-22.

N98 Uehara, H.T., Kasai, T. & Noda, H. {On the naked barley
1960 varieties resistant to barley yellow mosaic virus.} Japan. J. Plant Pathol. Soc., 25: 54. (In Japanese)

N99 Vallega, V. Search for useful genetic characters in diploid
1979 Triticum spp. In Ramanujam, S., ed. Proc. 5th Int. Wheat Genetics Symp. Vol.2. Conservation, classification and cataloguing of genetic resources. New Delhi, Indian Society of Genetics and Plant Breeding, p.156-162.

N100 Vavilov, N.I. {Problems of immunity in cultivated plants.}
1964 vol.4. In Vavilov, N.I. Selected works. Moscow, Leningrad, Izdat Akad. Nauk. SSSR, p.1-488. (In Russian)

N101 Voigt, R.L., Webster, O.J. & El-Lakany, M.A. A preliminary
1980 characterization of the Yemen Arab Republic sorghum collection. Sorghum Newsl., 23: 39.

N102 Watkins, R. & Smith, R.A. Apple descriptors. Luxembourg, CEC; &
1982 Rome, IBPGR. 46pp.

N103 Yndgaard, F. A documentation system for the Nordic gene bank.
1982 Plant Genet. Resour. Newsl., 49: 34-36.

N104 Zadoks, J.C. On the formation of physiologic races in plant
1959 parasites. Euphytica, 8: 104-116.

N105 Zadoks, J.C., Chang, T.T. & Konzak, C.F. A decimal code for the
1974 growth stages of cereals. Eucarpia Bull., 7: 42-52.

Other relevant references :

A262,B20,B143,B144,B211,J112,J136,J151,J156,J171,J176,J179,J202,M90, R45,S59,T33,AVE25,HOR71,ORY17,ORY21,SEC28,ZEA115,AMA12,IPO7,POT1,POT48, POT49,POT126,POT187,POT194,POT226,PIS14,VIC4,VIC17,VIG26,SAC24,CRT1,COC37, PRU3,COF21,THE18

P DATA PREPARATION AND MANAGEMENT

P1 Andrews, D.J. & Hardwick, R.C. A database management system for 1982 information retrieval and documentation of experiments for plant breeders. Euphytica, 31: 281-285.

P2 April, J.E. & Rawal, K.M. Background for the development of 1977 sorghum germplasm data services. Sorghum Newsl., 20: 83-86.

P3 Brenan, J.P.M. E.D.P. in major herbaria - the priorities. In 1975 Brenan, J.P.M., Ross, R. & Williams, J.T., eds. Computers in botanical collections. London, Plenum Press, p.9-16.

P4 Brenan, J.P.M. Ross, R. & Williams, J.T., eds. Computers in 1975 botanical collections. London, Plenum Press. 204pp.

P5 Cadbury, D.A., Hawkes, J.G. & Readett, R.C. A computer-mapped 1971 flora. A study of the county of Warwickshire. London, Academic Press, 736pp.

P6 Carmer, S.G., Seif, R.D. & Jacob, W.C. The use of computers for 1966 the analysis of data from variety trials. Agron. J., 55: 585-587.

P7 Crisp, P. Data storage and retrieval for crucifer gene banks. 1978 Cruciferae Newsl., 3: 45.

P8 Crovello, T.J. Information retrieval in herbaria. Proc. 12th 1975 Int. Bot. Congr., Leningrad, Abstracts, 10.

P9 Crovello, T.J. & MacDonald, R.D. Index of EDP-IR projects in 1970 systematics. Taxon, 19: 63-76.

P10 Cutbill, J.L. Data standards for collection-holding 1975 organisations. In Brenan, J.P.M., Ross, R. & Williams, J.T., eds. Computers in botanical collections. London, Plenum Press, p.109-110.

P11 Dambroth, M., ed. Technical aspects of information management 1979 and means of communication in plant genetic resources work for a future utilization of genetic material in plant breeding. Proc. of a colloqium, Braunschweig, Nov., 1978. Braunschweig, German Federal Republic, FAL. 100pp.

P12 Engels, J.M.M. A manual system for germplasm data management. I. 1981 Description of the edge-punched card system. Euphytica, 30: 629-634.

P13 Estabrook, G. & Brill, R. The theory of the TAXIR accessioner. 1969 J. Math. Biosci., 5:327-340.

P14 Fano, R.M. Transmission of information. Cambridge, Mass., 1961 M.I.T. Press.

P15 Finlay, K.W. & Konzak, C.F. Information storage and retrieval. 1970 In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.461-465.

P16 Ford-Lloyd, B.V. Data storage and retrieval systems in genetic 1978 resources information exchange. In Hughes, J.G., ed. Conservation of plant genetic resources. Proc. Section K & M British Assoc. Adv. Sci., Aston 1977. Birmingham, Aston University, p.42-45.

P17 Gomez, K.A., Tuazon, D. & Nano, N.E. Germplasm bank information 1979 retrieval system. IRRI Research Paper Series no.45. Los Banos, Philippines, IRRI. 24pp.

P18 Gomez-Pompa, A., Toledo, J.A. & Soto, M. Electronic data 1975 processing of herbarium specimens: data for the flora of Veracruz program. In Brenan, J.P.M., Ross, R. & Williams, J.T., eds. Computers in botanical collections. London, Plenum Press, p.35-51.

P19 Gruenberger, F., ed. Critical factors in data management. 1969 Englewood Cliffs, New Jersey, Prentice Hall.

P20 Gullberg, U. Computerization of grass information in Kenya. In 1973 Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.57-58.

P21 Hall, A.V. Computer-based data banking for taxonomic 1972 collections. Taxon, 21: 13-25.

P22 Hall, A.V. The uses of electronic data processing for 1975 herbarium specimen label information. In Brenan, J.P.M., Ross. R. & Williams, J.T., eds. Computers in botanical collections. London, Plenum Press, p.53-59.

P23 Hawkes, J.G. Recommendations made by the workshop on information 1973 systems for world genetic resources. Birmingham July 4th and 5th 1972. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.106-107.

P24 Hawkes, J.G., Kershaw, B.L. & Readett, R.C. Computer mapping of 1968 species distribution in a county flora. Watsonia, 6: 350-364.

P25 Henderson, D.M. 1975 The data from herbaria. In Brenan, J.P.M., Ross, R. & Williams, J.T., eds. Computers in botanical collections. London, Plenum Press, p.17-23.

P26 Herssy, D.F. et al. 1968 Conceptual indexing and retrieval of current research records: an analysis of problems and progress in large scale information systems. Method. Inf. Med., 7: 172-187.

P27 Ho, P. 1977 The indigenous origins of Chinese agriculture. In Reed, C.A., ed. Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.413-484.

P28 Huaman, A. 1981 Computerized data management of the primitive cultivated collection maintained at CIP. In CIP Report of the planning conference on the exploration, taxonomy and maintenance of potato germplasm III. Lima, Peru, CIP, p.153-161.

P29 Huaman, Z. 1981 Review of planning conference on the utilization of genetic resources: status of germ plasm and computerization. In CIP Report of the planning conference on the exploration, taxonomy and maintenance of potato germ plasm III. Lima, Peru, CIP, p.36-39.

P30 Hudson, L.W. et al. 1971 TAXIR - a biologically oriented information retrieval system as an aid to plant introduction. Econ. Bot., 25: 401-406.

P31 Kershaw, B.L. 1972 The relevance of computers to gene banks. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, 5pp.

P32 Kershaw, B.L. 1973 Distribution mapping by computer. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.51-52.

P33 Konzak, C.F. & Walden, W.E. 1970 Problems in the management of information on genetic resources. Agron. Abstr., 1970: 23.

P34 Konzak, C.F., Walden, W.E. & Sousa, F.P. 1971 Problems and progress in the management of information on genetic resources. Seiken Zihô, 22: 91-97.

P35 Langefors, B. 1966 Theoretical analysis of information systems. Studente Litteratur, Lund, Sweden. 2 vols.

P36 Loegering, W.Q. 1968 Problems of storing plant disease data for retrieval by automatic data processing machines. Washington State Univ. Coll. Agric. Experimental Station. Washington, Bulletin no.705.

P37 Maesan, L.J.G. van der, Pundir, R.P.S. & Kameswara Rao, N. 1980 Computer storage and retrieval of germplasm data. Int. Chickpea Newsl., 3: 2-3.

P38 McMillan, C. & Gonzales, R.F. Systems analysis. Homewood, Ill., 1968 Irwin.

P39 Meadows, H.K. The use of generalised information processing 1973 systems in the biological sciences. Taxon, 22: 3-18.

P40 Mehra, K.L. & Sethi, K.L., eds. Proc. 1st Nat. workshop on 1980 documentation of plant genetic resources, (25-27 Nov. 1980) New Delhi, NBPGR. 223pp.

P41 Miller, J.F., Hammond, J.J. & Comstock, V.E. Development of a 1982 data management information system for a germplasm collection of flax. Can. J. Plant Sci., 62: 827-830.

P42 Moore, F.D. III., McSay, A.E. & Roos, E.E. Probit analysis: a 1983 computer program for evaluation of seed germination and viability loss rate. Fort Collins, Colorado State Univ. Exper. Station, Tech. Bull. 147. 7pp.

P43 Porceddu, E. Handling of information on genetic resources at the 1973 Italian germ plasm station. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.48-50.

P44 Porter, W.M. & Smith, D.H., Jr. Detection of identification 1982 errors in germplasm collections. Crop Sci., 22: 701-703.

P45 Porter, W.M. & Smith, D.H., Jr. Computer-assisted management of 1982 the USDA small grain collection. Plant Disease, 66: 435-438.

P46 Rogers, D.J. The concepts and applicability of TAXIR for storage 1973 and retrieval of gene bank data. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.37-44.

P47 Rogers, D.J. Genetic resources communication information 1975 documentation systems project. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.261-263.

P48 Rogers, D.J. Information management and use of TAXIR in 1975 herbaria. In Brenan, J.P.M., Ross, R. & Williams, J.T., eds. Computers in botanical collections. London, Plenum Press, p.111-124.

P49 Seidewitz, L. 1978 Establishment of a data base for gene bank purposes. In Commission of the European Communities. Factual data banks in agriculture: Proc. Symp. Luxemburg, July 1977. Wageningen, The Netherlands. Centre for Agricultural Publishing and Documentation, p.39-41.

P50 Snoad, B. 1973 A computer-based recording system for Pisum accessions and genetic data. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.55-56.

P51 Song, L. & Rawal, K. 1979 Data management of forage germplasm. In Mott, G.O., ed. Handbook for the collection, preservation and characterization of tropical forage germplasm resources. Cali, Colombia, CIAT, p.61-64.

P52 Soper, J.H. 1964 Mapping the distribution of plants by machine. Can. J. Bot., 42: 1087-1100.

P53 Soper, J.H. 1966 Machine-plotting of phytogeographical data. Can. Geogr., 10: 15-26.

P54 Soper, J.H. 1969 The use of data processing methods in the herbarium. An. Inst. Biol. Univ. Nal. Autón. Mexico, Ser. Bot., 40: 105-116.

P55 Soper, J.H. 1975 The application of electronic data-processing to the mapping of plant distributions. In Brenan, J.P.M., Ross, R. & Williams, J.T., eds. Computers in botanical collections. London, Plenum Press, p.141-166.

P56 Soper, J.H. & Perring, F.H. 1967 Data processing in the herbarium and museum. Taxon, 16: 13-19.

P57 Squires, D.F. 1971 Implications of data processing for museums. In Cutbill, J.L., ed. Data processing in biology and geology, London, Academic Press, p.235-253.

P58 Taylor, D.R.F. 1971 Computer mapping: a tool for the 1970's. Rev. Géogr. Montr., 25: 381-389.

P59 Zeven, A.C. 1973 The use of field punched cards for information management of small collections. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.53-54.

Other relevant references :

N26,N59,N66,N71,N86,TEL6

Q UTILIZATION, PRE-BREEDING, GERMPLASM ENHANCEMENT

Q1 Abdalla, M.M.F. & Hermsen, J.G.Th. 1971 The concept of breeding for uniform and differential resistance and their integration. Euphytica, 21: 351-361.

Q2 Allard, R.W. 1960 Principles of plant breeding. New York, John Wiley. 485pp.

Q3 Allard, R.W. & Bradshaw, A.D. 1964 Implication of genotype-environment interactions in applied plant breeding. Crop. Sci., 4: 503-508.

Q4 Allard, R.W. & Hensche, P.E. 1964 Some parameters of population variability and their implications in plant breeding. Adv. Agron., 16: 281-325.

Q5 Anderson, E. 1956 Character association analysis as a tool for the plant breeder. Genes in Plant Breeding: Brookhaven Symposia in Biology, 9: 123-140.

Q6 Arnold, M.H. 1978 The end results: breeding improved crop varieties. In Hughes, J.G., ed. Conservation of plant genetic resources. Proc. Section K & M British Assoc. Adv. Sci., Aston 1977. Birmingham, Aston University, p.46-54.

Q7 Ashton, T. 1946 The use of heterosis in the production of agricultural and horticultural crops. Imperial Bureau of Plant Breeding and Genetics, Cambridge. 30pp.

Q8 Augn, T. & Thomas, H. 1976 Transfer of mildew resistance from the wild oat Avena barbata into the cultivated oat. Nature, Lond., 260: 603-604.

Q9 Austin, R.B., Morgan, C.L., Ford, M.A. & Bhagwat, S.G. 1982 Flag leaf photosynthesis of Triticum aestivum and related diploid and tetraploid species. Ann. Bot., 50:177-189.

Q10 Banga, O. 1954 Taproot-problems in the breeding of root vegetables. Euphytica, 3: 20-27.

Q11 Bares, I. 1979 Study of genetic resources of crops in Czechoslovakia. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.145-149.

Q12 Bares, I. & Vlasak, M. 1981 Use of land-races in Czechoslovak wheat breeding. Kulturpflanze, 29: 169-174.

Q13 Bates, L.S. & Deyoe, C.W. 1973 Wide hybridization and cereal improvement. Econ. Bot., 27: 401-412.

Q14 Bliss, F.A. 1981 Utilization of vegetable germplasm. HortScience, 16: 129-132.

Q15 Blixt, S. 1979 Some genes of importance for the evolution of the pea in cultivation (and a short presentation of the Weibullsholm-PGA pea collection). In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.195-202.

Q16 Blixt, S. 1979 Systematic botany and plant breeding. In Hedberg, I., ed. Systematic botany, plant utilization and biosphere conservation. Proc. Symp. Uppsala in commemoration of the 500th anniversary of the University. Stockholm, Almqvist & Wiksell International, p.13-16.

Q17 Boswell, V.R. & Weiss, M.G. 1954 Plant improvement through breeding. J. Agric. Food Chem., 2: 228-232.

Q18 Brezhnev, D.D., ed. 1972 {Genetic, physiological and biochemical basis for the heterosis of agricultural crops: a bibliography.} Leningrad, N.I. Vavilov Institute of Plant Industry. 84pp. (In Russian)

Q19 Brezhnev, D.D. & Nikitin, V.V. 1971 {Wild relatives of cultivated plants in Turkmenia as a valuable gene pool for breeding and their protection.} Trudy Prikl. Bot. Genet. Selek., 45(2): 4-10. (In Russian)

Q20 Brock, R.D. 1967 Disease resistance breeding. J. Aust. Inst. Agric. Sci., 33: 72-76.

Q21 Brock, R.D. & Frankel, O.H. 1960 Plant improvement. J. Aust. Inst. Agric. Sci., 26: 170-182.

Q22 Budin, K. 1973 The use of wild species and primitive forms in agricultural crop breeding in the USSR. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.87-97.

Q23 Budin, K.Z., Kobyljanskaya, K.A. & Chikova, V.A. 1973 {Genetic resources of breeding.} Trudy Prikl. Bot. Genet. Selek., 49: 36-45. (In Russian)

Q24 Bukasov, S.M. 1933 {The potatoes of South America and their breeding possibilities.} Suppl. 58. Trudy Prikl. Bot. Genet. Selek. (In Russian)

Q25 Bukasov, S.M. & Kameraz, A.Ja. 1959 {Bases of potato breeding.} Moscow, Gosudarstvennoe Izdatel'stvo Sel'-skohozjajstvennoj Literatury, 528pp. (In Russian)

Q26 Cauderon, Y. 1979 Use of Agropyron species for wheat improvement. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.175-186.

Q27 Chang, T.T. 1982 Germplasm of rice: its utilization by plant breeders. In Singh, R.B. & Chamchalow, N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.35-42.

Q28 Chang, T.T. & Vergara, B.A. 1972 Ecological and genetic information on adaptability and yield ability in tropical rice varieties. Rice breeding, IRRI. 1972: 431-453.

Q29 Cheng, T.H. 1965 Utilization of wild plants in Communist China. Econ. Bot., 19: 3-15.

Q30 Chomchalow, N., Haq, N. & Pongpangan, L. 1982 Genetic resources and breeding of the winged bean. In Singh, R.B. & Chamchalow, N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.119-130.

Q31 Clausen, J. 1969 Genecology and breeding. In Chisci, G.C. & Haussmann, G., eds. 5th Congr. Eucarpia. Genet. Agrar., p.405-424.

Q32 Cocking, E.C. 1979 Advanced and new breeding methods. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.333-337.

Q33 Cress, C.E. 1969 A comparison of recurrent selection systems. Genetics, Princeton, 54: 1371-1379.

Q34 Cullinan, F.P. 1961 Need for, and utilisation of, additional sources of germplasm: horticultural crops. In Hodgson, R.E., ed. Germ plasm resources. London, Bailey, p.91-102.

Q35 Dijk, G.E. van. 1979 Wild species for the breeding of grasses. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.211-216.

Q36 Dodds, K.S. 1955 Hybrid vigour in plant breeding. Proc. R. Soc. B., 144: 185-192.

Q37 Dorofeev, V.F. 1981 {World gene pool of cultured plants and its use in breeding.} S-kh. Biol., 16: 337-348. (In Russian)

Q38 Dorofeev, V.F. {World gene pool in plant selection.} Sel
1981 Semenovod (Mosc), p.7-11. (In Russian)

Q39 Dubinin, N.P. The achievements of genetics - an aid to
1965 agriculture. Genetika, 1: 50-66.

Q40 Duke, J.A. Utilization of Papaver. Econ. Bot., 27: 390-400.
1973

Q41 Fehr, W.R. & Hadley, H.H., eds. Hybridization of crop plants.
1980 Madison, Wisconsin, American Society of Agronomy and Crop Science Society of America. 765pp.

Q42 Feldman, M. Genetic resources of wild wheats and their use in
1979 breeding. Monografie Genet. Agrar. 4: 9-26.

Q43 Ferwerda, F.P. Recurrent selection as a breeding procedure for
1956 rye and other cross-fertilised plants. Euphytica, 5: 175-184.

Q44 Finney, D.J. Plant selection for yield improvement. Euphytica,
1958 7: 83-106.

Q45 Fischbeck, G. The usefulness of genebanks - perspectives for the
1981 breeding of plants. In UPOV. The use of genetic resources in the plant kingdom. Geneva, UPOV, p.16-26.

Q46 Frankel, O.H. The theory of plant breeding for yield. Heredity,
1947 Lond., 1: 109-120.

Q47 Frankel, O.H. The development and maintenance of superior genetic
1950 stocks. Heredity, Lond., 4: 89-102.

Q48 Frankel, O.H. The dynamics of plant breeding. J. Aust. Inst.
1958 Agric. Sci., 24: 112-123.

Q49 Frankel, O.H. The dynamics of plant breeding. Proc. 12th Int.
1969 Genet., Congr., 3: 309-325.

Q50 Frey, K.J. Plant breeding in the seventies: useful genes from
1976 wild plant species. Egypt. J. Genet. Cytol., 5: 460-482.

Q51 Frey, K.J., ed. Plant breeding II. Ames, Iowa, The Iowa State
1981 University Press. 497pp.

Q52 Friedt, W. The use of Secale vavilovii in rye breeding. In
1979 Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.221-224.

Q53 Fryxell, P.A. 1976 Germpool utilization: Gossypium, a case history. New Orleans, La., U.S. Dep. Agric., Agric. Res. Serv. 7pp.

Q54 Glendinning, D.R. 1979 Enriching the potato gene-pool using primitive cultivars. In Zeven, A.C. & Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.39-45.

Q55 Glendinning, D.R. 1979 The potato gene-pool, and benefits deriving from its supplementation. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.187-194.

Q56 Globerson, D., Netzer, D. & Sacks, J. 1980 Wild lettuce as a source for improving cultivated lettuce. In Smith, J.W.M., & Langton, F.A., eds. Proc. Eucarpia meeting on leafy vegetables. Littlehampton, UK., Glasshouse Crops Research Institute, p.86-96.

Q57 Gyawali, K.K., Qualset, C.O. & Yamazaki, W.T. 1968 Estimates of heterosis and combining ability in winter wheat. Crop Sci., 8: 322-324.

Q58 Hadley, H.H. & Openshaw, S.J. 1980 Interspecific and intergeneric hybridization. In Fehr, W.R. & Hadley, H.H., eds. Hybridization of crop plants. Madison, Wisconsin, American Society of Agronomy and Crop Science Society of America, p.133-159.

Q59 Haq, M.S. 1975 The role of induced mutations in the enrichment of genetic resources in crop plants in South East Asia. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.251-253.

Q60 Harlan, J.R. 1983 Use of genetic resources for improvement of forage species. Proc. 14th Int. Grassland Congr., Lexington, Kentucky, June 1981. Boulder, Colorado, Westview Press, p.29-34.

Q61 Harland, S.C. 1955 Plant breeding: present position and future perspective. John Innes Horticultural Institution lecture. 15pp.

Q62 Hawkes, J.G. 1977 The importance of wild germplasm in plant breeding. Euphytica, 26: 615-621.

Q63 Hermsen, J.G.Th. 1979 Factors controlling interspecific crossability and their bearing on the strategy for breaking barriers to intercrossing of tuber bearing Solanum species. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.311-318.

Q64 Hondelmann, W. 1977 Plant genetic resources and resistance. Potato Res., 20: 269-270.

Q65 Hutchinson, J.B. 1958 Genetics and plant improvement of tropical crops: an inaugural lecture. London, Cambridge University Press. 31pp.

Q66 IBPGR 1982 Plant germplasm exchange with India. Plant Genet. Resour. Newsl., 52: 19.

Q67 Innes, N.L. 1982 The potential from plant breeding for vegetable crops. Sci. Hortic., 33: 60-66.

Q68 International 1973 Institute of Tropical Agriculture. Proceedings of the 1st IITA grain legume improvement workshop. Ibadan, 319pp.

Q69 International 1974 Potato Center. Strategy for utilisation. Report of the International Potato Center's planning conference on utilisation of genetic resources of the potato, April 15-19, 1974. Lima, Peru, CIP, 83pp.

Q70 Jain, H.K. 1975 Genetic variability and breeding for yield in grain legumes. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.157-165.

Q71 Jain, S.K. 1961 Studies on the breeding of self-pollinating cereals. The composite cross bulk population method. Euphytica, 10: 315-324.

Q72 Jeswani, L.M. & Guglani, P.L. 1964 Breeding rust-resistant varieties of linseed. Indian Oilseeds J., 8: 310-312.

Q73 Johnson, B.L. [1973] Seed protein patterns and the gene resources of wheat. In Scarascia-Mugnozza, G.T., ed. Proc. Symp. genetics and breeding of durum wheat. Bari, Italy, Universita di Bari, p.153-164.

Q74 Jones, Q. & Wolff, I.A. 1961 Using germplasm for new products. In Hodgson, R.E., ed. Germplasm resources. London, Bailey.

Q75 Kadam, B.S. 1942 Deterioration of varieties of crops and the task of the plant breeder. Indian J. Genet. Plant Breed., 2: 159-172.

Q76 Kahre, L. 1980 The value of gene banks in breeding for disease resistance. EPPO Conf. on breakthroughs in resistance breeding, Svalov, Sweden, June 1978. Eur. Mediterr. Plant Prot. Organ. (EPPO) Bull., 10: 379-383.

Q77 Kappert, H. & Rudorf, W. 1962 Handbuch der Pflanzenzuchtung. 2nd ed. Berlin, Paul Parey. 6 vols.

Q78 Kaschiri, M. 1974 Bedeutung von Weizen-Aegilops-Kreuzungen fur die Verbesserung des Saatweizens. Angew. Bot., 48: 161-174.

Q79 Kazimierski, T. 1961 Interspecific hybridization of Lupinus. Genetica Polonica, 2: 97-102.

Q80 Knott, D.R. & Dvorak, J. 1976 Alien germ plasm as a source of resistance to disease. Ann. Rev. Phytopathol., 14: 211-235.

Q81 Kobayashi, M. & Miyazaki, T. 1977 Sweet potato breeding using wild related species. In Cook, J., MacIntyre, R. & Graham, M., eds. Proc. 4th Symp. Int. Soc. Trop. Root Crops. Section I. Origin, dispersal, and evolution. Ottawa, International Development Research Centre, p.53-57.

Q82 Krishnamurthi, M. 1981 Potentials of untapped germplasm of the south Pacific. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.71-79.

Q83 Krull, C.F. & Borlaug, N.E. 1970 The utilization of collections in plant breeding and production. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.427-439.

Q84 Kuckuck, H. 1974 Die Verwendung der Wildart Secale vavilovii Grossh. in der Roggenzuchtung. Ber. Arbeitstag. Arbeitsgemeinsch. Saatzuchlieter, p.144-159.

Q85 Lange, W. & Jochemsen, G. 1979 Use of wild emmer (Triticum dicoccoides, AABB) in the breeding of common wheat (T. aestivum, AABBDD). In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.225-227.

Q86 Law, C.N. 1981 Chromosome manipulation in wheat. In Chromosomes today, Vol.7. London, George Allen & Unwin, p.194-205.

Q87 Law, C.N. & Payne, P.I. 1983 Genetical aspects of breeding for improved grain protein content and type in wheat. J. Cereal Sci., 1: 1-15.

Q88 Lawes, D.A. 1980 Recent developments in understanding, improvement and use of Vicia faba. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Richmond, Royal Botanic Gardens, Kew, p.625-636.

Q89 Lian, T.S. 1982 Utilization of genetic resources in cassava breeding programmes. In Singh, R.B. & Chamchalow, N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.69-78.

Q90 Loof, B. & Appelquist, L.A. 1972 Plant breeding for improved yield and quality. In Appelquist, L.A. & Ohlson, R., eds. Rapeseed. Amsterdam, Elsevier.

Q91 Lubenets, P.A., Khoroshailov, N.G. & Shebalina, M.A. 1969 {Original material for breeding perennial grasses.} Trudy Prikl. Bot. Genet. Selek., 41(1): 186-220. (In Russian)

Q92 Mangelsdorf, P.C. 1966 Genetic potentials for increasing yields of food crops and animals. Proc. Nat. Acad. Sci. USA, 56: 370-375.

Q93 Mayo, O. 1980 The theory of plant breeding. Oxford, Clarendon Press. 293pp.

Q94 McNaughton, I.H. & Ross, C.L. 1978 Inter-specific and inter-generic hybridization in the Brassicae with special emphasis on the improvement of forage crops. Scottish Plant Breeding Station. 57th Ann. Rep. 1977-78, Pentlandfield, Scotland, UK, p.75-110.

Q95 Meyer, V.G. 1974 Interspecific cotton breeding. Econ. Bot., 28: 56-60.

Q96 Moss, J.P. 1980 Wild species in the improvement of groundnuts. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Richmond, Royal Botanic Gardens, Kew. p.525-535.

Q97 Munck, L., Karlsson, K.E. & Hagberg, A. 1971 Selection and characterization of a high-protein, high-lysine variety from the world barley collection. In Nilan, R.A., ed. Barley genetics. II. Washington, Washington State University Press, p.544-558.

Q98 Murty, B.R., Upadhyay, M.K. & Manchanda, P.L. 1967 Genetic diversity for resistance to some diseases and pests in some geographical groups of Pennisetums. Sorghum Newsl., 10: 30-32.

Q99 Naidu, K.M. 1982 Germplasm of sugarcane - its utilisation by sugarcane breeders in India. In Singh, R.B. & Chomchalow, N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.89-94.

Q100 Nassar, N.M.A. 1980 Attempts to hybridise wild Manihot species with cassava. Econ. Bot., 34: 13-15.

Q101 Newell, C.A. & Hymowitz, T. 1982 Successful wide hybridization between the soybean and a wild perennial relative G. tomentella Hayata. Crop Sci., 22: 1062-1065.

Q102 Norden, A.J. 1980 Crop improvement and genetic resources in groundnut. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Richmond, Royal Botanic Gardens, Kew, p.515-523.

Q103 North, C. 1979 Plant breeding and genetics in horticulture. London, MacMillan. 150pp.

Q104 Ochoa, C. & Schmiediche, P. 1983 Systematic exploitation and utilization of wild potato germplasm. In CIP. Research for the potato in the year 2000. Proc. Int. Congr. 10th Anniversary International Potato Center, Lima, Peru, Feb. 1982. Lima, International Potato Center, p.142-144.

Q105 Olmo, H.P. 1977 Introduction of disease and insect resistance in cultivated grapes. Calif. Agric., 31: 24-25.

Q106 Payne, P.I., Harris, P.A., Law, C.N., Holt, L.M. & Blackman, J.A. 1980 The high molecular weight subunits of glutenin: structure, genetics and relationship to bread making quality. Ann. Technol. Agric., 29: 309-320.

Q107 Pickering, R. A. 1979 Further investigations on partial incompatibility in crosses between Hordeum vulgare L. and H. bulbosum L. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.319-325.

Q108 Poehlman, J.M. 1959 Breeding field crops. New York, Holt. 403pp.

Q109 Powers, L. 1957 Identification of genetically-superior individuals and the prediction of genetic gains in sugar beet breeding programs. J. Am. Soc. Sugar Beet Technol., 9: 408-432.

Q110 Price, P.B. 1979 Interspecific and intergeneric crosses of barley. In USDA, Barley: origin, botany, culture, winter hardiness, genetics, utilization, pests. U.S. Dep. Agric., Agric. Handb. no.338. Revised ed. p.105-116.

Q111 Rajanaidu, N. 1982 Germplasm resources of oil palm: their utilization by plant breeders. In Singh, R.B. & Chamchalow, N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.103-112.

Q112 Rick, C.M. 1974 High soluble-solids content in large-fruited tomato lines derived from a wild green-fruited species. Hilgardia, 42: 493-510.

Q113 Rick, C.M. 1976 Natural variability in wild species of Lycopersicon and its bearing on tomato breeding. Genet. Agrar., 30: 249-259.

Q114 Rick, C.M. 1979 Potential improvement of tomatoes by controlled introgression of genes from wild species. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.167-173.

Q115 Robbelen, G. 1979 Transfer of quantitative characters from wild and primitive forms. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.249-255.

Q116 Roca, W.M., Bryan, J.E. & Roca, M.R. 1979 Tissue culture for the international transfer of potato genetic resources. Am. Pot. J., 56: 1-10.

Q117 Ross, H. 1979 Wild species and primitive cultivars as ancestors of potato varieties. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.237-245.

Q118 Rutger, J.N. & Lehman, W.F. 1977 Rice introduction and germplasm development. Calif. Agric., 31: 28-29.

Q119 Schaller, C.W. 1977 Utilizing genetic diversity in the improvement of barley cultivars. Calif. Agric., 31: 18-19.

Q120 Sears, E.R. 1981 Transfer of alien genetic material to wheat. In Evans, L.T. & Peacock, W.J., eds. Wheat science today and tomorrow. Cambridge, Cambridge University Press, p.75-89.

Q121 Seidewitz, L. 1975 Die Bedeutung der in Genbanken konservierten Formenmannigfaltigkeit fur die Pflanzenzuchtung. Kali-Briefe, 12: 1-5.

Q122 Sharma, H.C., Waines, J.G. & Foster, K.W. 1981 Variability in primitive and wild wheats for useful genetic characters. Crop Sci., 21: 555-559.

Q123 Simmonds, N.W. Plant breeding. Phil. Trans. R. Soc. Lond.,B.,
1973 267: 145-156.

Q124 Simmonds, N.W. Principles of crop improvement. London, Longman.
1979 408pp.

Q125 Singh, A.K., Sastri, D.C. & Moss, J.P. Utilization of wild
1980 Arachis species at ICRISAT. In Proc. Int. workshop on groundnuts. ICRISAT, Patancheru, India. October 1980, ICRISAT, p.82-90.

Q126 Singh, A.P. & Mehra, K.L. Methods for induction and utilization
1971 of variability in the improvement of an apomictic grass, Dichanthium annulatum complex. Theoret. Appl. Genet., 41: 259-262.

Q127 Singh, K.G. Movement of germplasm planting material in the
1980 Southeast Asia and Pacific regions. IBPGR Southeast Asian Newsl., 4, no.1: 4-6.

Q128 Singh, R.B. Crop genetic resources and their utilisation in
1982 Southeast Asia: an overview. In Singh, R.B. & Chomchalow, , N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.3-34.

Q129 Singh, R.B. & Chomchalow, N., eds. Genetic resources and the
1982 plant breeder. Bangkok, IBPGR Southeast Asian Programme. 140pp.

Q130 Singh, R.K. & Singh, M. The use of grain legume germplasm in
1982 India. In Singh, R.B. & Chomchalow, N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.43-58.

Q131 Singh, R.N. Germplasm resources of mango: their utilisation by
1982 plant breeders. In Singh, R.B. & Chomchalow, N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.95-102.

Q132 Sneep, J. The breeders's point of view on broadening the
1979 genetic base. In Zeven, A.C. & Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.13-18.

Q133 Soost, R.K., Cameron, J.W. & Bitters, W.P. Citrus germplasm
1977 collection is widely used. Calif. Agric., 31: 38-39.

Q134 Sprague, G.F. Problems in the estimation and utilization of
1955 genetic variability. Cold Spring Harb. Symp. Quant. Biol., 20: 87-92.

Q135 Stalker, H.T. 1980 Utilization of wild species for crop improvement. Adv. Agron., 33: 111-147.

Q136 Stephens, S.G. 1961 Species differentiation in relation to crop improvement. Crop Sci., 1: 1-5.

Q137 Temple, S.R. & Song, L. 1980 Crop improvement and genetic resources in Phaseolus vulgaris for the tropics. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Richmond, Royal Botanic Gardens, Kew, p.365-373.

Q138 Uhlinger, R.D. 1982 Wide crosses in herbaceous perennials. HortScience, 17: 570-574.

Q139 Umaerus, M. & Akerberg, E. 1963 Natural selection as a breeding method in red clover. In Akerberg E. & Hagberg: Recent Plant Breeding Research. Svalof, Stockholm, p.31-47.

Q140 Unk, J. & Holly, L. 1981 Use of Hungarian land-races in breeding. Kulturpflanze, 29: 111-114.

Q141 Villareal, R.L. & Lo, H.F. 1982 Utilisation of sweet potato germplasm by plant breeders. In Singh, R.B. & Chomchalow, N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.79-88.

Q142 Watson, I.A. 1970 The utilization of wild species in the breeding of cultivated crops resistant to plant pathogens. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.441-457.

Q143 Watts, L. 1980 Flower and vegetable plant breeding. London, Grower Books. 182pp.

Q144 Wet, J.M.J. de. 1979 Tripsacum introgression and agronomic fitness in maize (Zea mays L.). In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.203-210.

Q145 White, G.A. & Kenworthy, S. 1981 Plant germplasm exchanges with the USA. Plant Genet. Resour. Newsl., 48: 9-10.

Q146 Wiebe, G.A. 1965 The bridge to Xanadu. Crop Sci., 5: 561-566.

Q147 Wienhues, A. 1966 Transfer of rust resistance of Agropyron to wheat by addition, substitution and translocation. Proc. 2nd Int. Wheat Genet. Symp. Hereditas, Suppl., 2: 328-341.

Q148 Williams, W.T., Burt, R.L. & Lance, G.N. A method for 1980 establishing character inter-relations in plant collections, and its possible application to plant improvement programmes. Euphytica, 29: 625-633.

Q149 Zeven, A.C. & Harten, A.M. van., eds. Broadening the genetic base 1979 of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc. 347pp.

Other relevant references :

A97,A219,A291,A293,B26,B79,B211,B213,E40,E41,E77,G18,G22,G116,G175,J32, K11,K54,K65,K99,M65,M70,N7,N18,N22,N23,N27,N70,Q31,Q136,CER19,HOR67, ORY21,ORY23,ORY25,ORY30,ORY70,ORY86,ORY96,SEC26,TRI27,TRI44,TRI134, TRI183,TRI222,TRI236,TRI263,ZEA19,ZEA65,ZEA87,ZEA117,ZEA135,MAN7,POT185, POT194,PHA17,PHA55,OLG3,SAC28,COC15,COC20,COC24,COC30,COC62,PHO9,PRU27, PRU28,PRU29,PRU30,VIT1,VIT17,HEV5,FOR14,TEL26,TEL42

R GERMPLASM INTRODUCTION AND EXCHANGE, QUARANTINE, PHYTOSANITARY CONTROL

R1 Barrau, J. Le service d'introduction de plantes et 1961 d'exploration botanique de la commission du pacifique sud. Rome. FAO. 9pp.

R2 Berg, G.H. Post entry and intermediate quarantine stations. In 1977 Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.315-326.

R3 Bos, L. Problems of seeds and selected crop plants: Seed- 1977 borne viruses. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.39-69.

R4 Bovey, R. & Pelet, F. Problems of seeds and selected crop 1977 plants: Grapevine and temperate fruits (Vitis, Malus, Pyrus, Prunus, Cydonia, and Amygdalus spp.). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.165-195.

R5 Bruman, A.J. Genetic aspects of plant introduction. Sci. Mo., 1938 46: 120-131.

R6 Carpenter, J.B. Problems of seeds and selected crop plants: Date 1977 palm (Phoenix dactylifera L.). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.155-163.

R7 Dadlani, S.A., Singh, B.P. & Singh, R.V. System of national and
1981 international exchange of germplasm and methods of recording followed at NBPGR. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.72-87.

R8 Firman, I. SPC [South Pacific Commission] activities in the
1981 Pacific. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.134-135.

R9 Fisher, H.H. Plant introduction in the United States. Plant
1969 Genet. Resour. Newsl., 22: 13-22.

R10 Frankel, O.H. The biological system of plant introduction.
1957 Indian J. Genet. Plant Breed., 17: 336-342.

R11 French, E.R., Jatala, P. & Turkensteen, J.L. Problems of seeds
1977 and selected crop plants: Potato (Solanum spp.): fungi, bacteria and nematodes. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.225-231.

R12 Gonzalez, R.H. Plant health problems of a general nature:
1977 Entomological. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.25-29.

R13 Granhall, I. Plant introduction and plant quarantine.
1963 Genet. Agrar., 17: 537-542.

R14 Gregory, P.H. Problems of seeds and selected crop plants: Cocoa
1977 (Theobroma cacao L.). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.119-124.

R15 Hanson, C.H. The agroclimatic-analogue (homocline) technique in
1949 plant introduction and distribution of new selections. Agron. J., 41: 186-188.

R16 Harries, H.C. Problems of seeds and selected crop plants:
1977 Coconut (Cocos nucifera L.). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.125-136.

R17 Hartley, W. The phytogeographical basis of pasture plant
1963 introduction. Genet. Agrar., 17: 1-4.

R18 Hartley, W. 1970 Plant introduction services: an appraisal. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p. 421-425.

R19 Hartley, W. & Neal-Smith, C.A. 1963 Plant introduction and exploration in Australia. Genet. Agrar., 17: 483-500.

R20 Hewitt, W.B. 1977 Plant health problems of a general nature: Pathological. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.3-16.

R21 Hewitt, W.B. & Chiarappa, L. 1977 Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press. 346pp.

R22 Hewitt, W.B. & Chiarappa, L. 1977 Appendix: Editorial discussion and conclusions. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.333-340.

R23 Hodge, W.H. & Erlanson, C.O. 1961 Plant introduction as a federal service to agriculture. Adv. Agron., 7: 189-211.

R24 Hughes, C.G. 1977 Problems of seeds and selected crop plants: Sugar cane (Saccharum spp.). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.265-270.

R25 Ito, H. & Niwa, M. 1975 Surveys for the maintenance and introduction of plant genetic resources in Japan. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.8-15.

R26 Kahn, R.P. 1970 International plant quarantine. In Frankel, O.H. & Bennett, E., eds. Genetic Resources in Plants. Oxford, Blackwell, p.403-411.

R27 Kahn, R.P. 1977 Plant quarantine: principles, methodology and suggested approaches. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.289-307.

R28 Knorr, L.C. 1977 Problems of seeds and selected crop plants: Citrus. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.111-117.

R29 Kumar, L.S.S. 1957 Scope and importance of plant introduction in South Asia. Indian J. Genet. Plant. Breed., 17: 362-369.

R30 Leon, J. 1963 La importancia de la introduccion de plantas en America Latina. Genet. Agrar., 17: 83-104.

R31 Leon, J., ed. 1974 Handbook of plant introduction in tropical crops. FAO Agr. Studies 93. Rome, FAO. 140pp.

R32 Lozano, J.C. 1977 Problems of seeds and selected crop plants: Cassava (Manihot esculenta Crantz). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.103-109.

R33 Luse, R.A. 1979 Transfer of forage germplasm. In Mott, G.O., ed. Handbook for the collection, preservation and characterization of tropical forage germplasm resources. Cali, Colombia, CIAT, p.45-50.

R34 Mathys, G. 1977 Phytosanitary regulations and the transfer of genetic resources. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.327-331.

R35 Neergaard, P. 1977 Problems of seeds and selected crop plants: Methods for detection and control of seed-borne fungi and bacteria. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.33-38.

R36 Neergaard, P. 1977 Quarantine policy for seed in transfer of genetic resources. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.309-314.

R37 Nielson, L.W. & Terry, E.R. 1977 Problems of seeds and selected crop plants: Sweet potato (Ipomoea batatas L.). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.271-276.

R38 Parbery, D.B. 1964 Plant introduction in Asia and Australia. Nature, Lond., 202: 549-551.

R39 Posnette, A.F. 1977 Problems of seeds and selected crop plants: Small fruits (Fragaria, Rubus, Ribes, Vaccinum spp.). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.253-263.

R40 Roca, W.M. 1979 Tissue culture methods for the international exchange and conservation of cassava germplasm. Cassava Newsl., 6: 3-5.

R41 Rodrigues, C.J. 1977 Problems of seeds and selected crop plants: Coffee (Coffea spp.). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.137-154.

R42 Sanwal, K.C., Nath, R. & Wadhi, S.R. 1981 Plant quarantine in relation to germplasm collection. In Mehra, K.L., Arora, R.K. & Wadhi, S.R., eds. Plant exploration and collection. NBPGR Sci. Monog. No.3. New Delhi, National Bureau of Plant Genetic Resources, p.88-100.

R43 Shanmuganathan, N. 1977 Problems of seeds and selected crop plants: Tea (Camellia sinensis [L.] Kuntz). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.277-286.

R44 Shepard, J.F. 1977 Problems of seeds and selected crop plants: Potato (Solanum tuberosum L.): viruses and mycoplasma-like diseases. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.233-240.

R45 Sowell, G. Jr. 1973 Plant introductions as sources of disease resistance in the South. Georgia Agricultural Research Sta. Bull., 15: 7-9.

R46 Stover, R.H. 1977 Problems of seeds and selected crop plants: Banana (Musa spp.). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.71-79.

R47 Taylor, C.E. 1977 Plant health problems of a general nature: Nematological. In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.17-23.

R48 Turner, P.D. 1977 Problems of seeds and selected crop plants: Rubber (Hevea brasiliensis M.). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.241-252.

R49 Turner, P.D. 1977 Problems of seeds and selected crop plants: Oil palm (Elaeis guineensis Jacq.). In Hewitt, W.B. & Chiarappa, L., eds. Plant health and quarantine in international transfer of genetic resources. Cleveland, CRC Press, p.197-208.

R50 Waterworth, H.E. & White, G.A. 1982 Plant introductions and quarantine: the need for both. Plant disease, 66: 87-90.

R51 Winters, H.F. 1967 Mechanics of Plant Introduction. Proc. Int. Symposium on Plant Introduction, p.49-53.

Other relevant references :

B185,J144,J180,J205,J206,J207,J208,J218,N3,N15,N31,P30,S86,COC68,COC70

S GENE BANKS, GENETIC RESOURCES CENTRES AND WORLD COLLECTIONS

S1 Aburu, K. 1982 Germplasm collection of crop plants at the Highlands Agricultural Experiment Station, Aiyura, Papua New Guinea. IBPGR Southeast Asian Newsl., 6. No.1: 5-6.

S2 Adansi, M.A. & Holloway, H.L.O. 1979 The national programme of Ghana. Plant Genet. Resour. Newsl., 40: 2-5.

S3 Astley, D. 1981 A vegetable gene bank - new varieties from old resources. Natl. Veg. Soc. Handb., UK, p.74-77.

S4 Bommer, D.F.R. 1973 The gene bank at Braunschweig-Volkenrode. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.19-21.

S5 Brezhnev, D.D. 1969 {75 years of the Vavilov Plant Industry Scientific Research Institute.} Trudy Prikl. Bot. Genet. Selek., 41(1): 5-30. (In Russian)

S6 Brezhnev, D.D. 1970 Die Kulturpflanzenkollektion des Unions-Instituts fur Pflanzenbau "N.I. Vavilov" und ihr pflanzenzuchterisches Potential. Kulturpflanze, 6: 127-140.

S7 Brezhnev, D.D. 1970 Mobilization, conservation and utilization of plant resources at the N.I. Vavilov All-Union Institute of Plant Industry, Leningrad. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.533-538.

S8 Brezhnev, D.D. & Boos, G.V. {The significance of a world 1969 collection of vegetable crops in creating a scientific basis for Soviet vegetable growing.} Trudy Prikl. Bot. Genet. Selek., 41(1): 235-263. (In Russian)

S9 Brown, W.L. Maize germplasm banks in the western hemisphere. 1975 In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.467-472.

S10 CENARGEN/EMBRAPA. Simposio de recursos geneticos vegetais. 1980 Sessao 1. Bancos ativos de germoplasma. Realizado no. CENARGEN/EMBRAPA, Maio de 1979. Brasilia D.F. Brasilia, Brazil. 210pp.

S11 Chandon, S., Sidhu, G.S. & Dhillon, G.S. Some observations of 1966 the world collection of Sorghum germplasm at Ludhiana, Punjab, India. Sorghum Newsl., 9: 25.

S12 Chang, T.T. IRRI rice germplasm project and its relation to 1972 national varietal collections. Plant Genet. Resour. Newsl., 27: 9-15.

S13 Chang, T.T. IRRI's genetic resources program. Int. Rice 1977 Research Newsl., 2: 2-3.

S14 Chang, T.T. The rice genetic resources program of IRRI and its 1980 impact on rice improvement. In Rice improvement in China and other Asian countries. Los Banos, Philippines. IRRI, IRRI-CAAS, p.85-105.

S15 Chang, T.T. The IRRI germplasm bank. IBPGR Southeast Asian 1982 Newsl., 6, no.2: 5.

S16 Chang, T.T., Villareal, R.L., Loresto, G. & Perez, A.T. IRRI's 1975 role as a genetic resources center. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.457-465.

S17 Chang, T.T., Parker, M.B., Baraoidan, N., Punzalan, D., Marciano, 1977 A., Portes, R. & Loresto, G. IRRI's role as a genetic resources centre, II. In Williams, J.T., ed. Southeast Asian workshop on plant genetic resources: proceedings. Rome, IBPGR; & Philippines, PCARR, p.66-85.

S18 Chaoyu, J. Crop germplasm resources conservation system in 1982 China. Plant Genet. Resour. Newsl., 51: 2-5.

S19 Chitrakon, S. The national rice seed storage laboratory for 1982 genetic resources. [Thailand]. IBPGR Southeast Asian Newsl., 6, no.2: 11-12.

S20 Coleman, R.E. 1972 The world collection and international exchange of sugarcane varieties. Proc. Int. Soc. Sug. Cane Technol., 14th Congr., p.940-944.

S21 Dambroth, M. 1979 The FRG genebank. Plant Genet. Resour. Newsl., 39: 10.

S22 Diaz Amaris, C., Quiros Davila, J. & Torregroza Castro, M. 1980 El banco de germoplasma: un recurso para el mejoramiento genetico del maiz. ICA-Informa, Colombia, 14: 1-7.

S23 FAO/UNDP 1983 Directory of European institutions holding crop genetic resources collections. 2nd ed. Geneva, FAO/UNDP, European cooperative programme on conservation and exchange of crop genetic resources. 335pp.

S24 Galanopoulou, S. & Skorda, E.A. 1981 The national programme of Greece. Plant Genet. Resour. Newsl., 46: 25-26.

S25 Gargary, H. 1982 The national programme of Iran. Plant Genet. Resour. Newsl., 50: 51-52.

S26 Gebrekidan, B. 1973 The importance of the Ethiopian Sorghum germplasm in the world Sorghum collection. Econ. Bot., 27: 442-445.

S27 Giacometti, D.C. 1979 National programme of Brazil. Plant Genet. Resour. Newsl., 36: 6-7.

S28 Gustafson, J.P., Larter, E.N. & Evans, L.E. 1979 The conservation of germplasm at the University of Manitoba, Canada. Indian J. Genet. Plant Breed., 39: 126-128.

S29 Hanson, A.A. & Craddock, J.C. 1976 Wheat germplasm resources - the program at the Beltsville Agricultural Research Center. In Proc. 9th Nat. Conf. on Wheat Utilization Research, U.S. Dep. Agric., p.44-53.

S30 Harlan, J.R. 1970 World survey of genetic resources of Sorghum. A preliminary report. Plant Genet. Resour. Newsl., 23: 19-21.

S31 Hawkes, J.G. & Lange, W., eds. 1972 European and regional gene banks. Proc. Conf. on European and regional gene banks, Izmir 1972. Eucarpia, Wageningen, 107pp.

S32 Hof, J. 1974 (Gene banks: treasure chambers for plant breeding.) Samen Sterk, 3: 3-4. (In Dutch).

S33 Hondelmann, W. 1976 Aufgaben und Ziele der Genbank fur die Pflanzenzuchtung. Ber. Landwirtschaft, 54: 401-404.

S34 Hondelmann, W. 1976 Die deutsche Genbank in Braunschweig. Nachricht. Deutschen Pflanzenschutzdienstes, 28: 184.

S35 Hondelmann, W. 1979 Gene bank activities in the Federal Republic of Germany. In Zeven, A.C. & Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.117-122.

S36 Huaman, Z. 1979 Gene bank activities at the International Potato Center. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.161-162.

S37 IBPGR 1979 The NSSL, Fort Collins, USA. Plant Genet. Resour. Newsl., 36: 8-9.

S38 IITA 1974 Cowpea germplasm catalogue. Ibadan, Nigeria, IITA, 209pp.

S39 IITA 1980 Germplasm exploration, evaluation, and use. In Research highlights 1979. Ibadan, Nigeria, IITA. p.61-63.

S40 IRRI 1974 The genetic conservation program of IRRI. Los Banos Philippines. IRRI.70pp.

S41 Ito, H, 1972 Organisation of the National Seed Storage Laboratory for genetic resources in Japan. In Roberts, E.H., ed. Seed viability. London, Chapman and Hall, p.405-416.

S42 Ito, H. & Kumagai, K. 1969 The National Seed Storage Laboratory for genetic resources in Japan. Japanese Agric. Res. Quart., 4: 32-38.

S43 Jackobs, J.A. 1981 INTSOY soybean germplasm collections. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.130-131.

S44 James, E. 1972 Organisation of the United States National Seed Storage Laboratory. In Roberts, E.H., ed. Seed viability. London, Chapman and Hall, p.397-404.

S45 Janossy, A. 1974 (Gene bank work of the National Institute of Agrobotany.) Agrobotanika, 15: 5-9. (In Hungarian).

S46 Jensen, N.F. 1962 First world gene bank. Crops Soils, 15: 14-15.

S47 Jensen, N.F. 1962 A world germ-plasm bank for cereals. Crop Sci., 2: 361-363.

S48 Julén, G. & Ellerstrom, S. A review of European gene banks. In
1973 Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.16-18.

S49 Kessel, R., Ashri, A., Zur, M. & Waldman, M. Establishment of a
1979 genebank for crop plants in Israel. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.155-158.

S50 Khambanonda, P.K. & Chitrakon, S. The role of the rice division
1980 in rice germplasm collection in Thailand. IBPGR Southeast Asian Newsl., 4, no.2: 6-8.

S51 Kyoto University. Plant germ-plasm institute. Kyoto University,
1976 Japan. 8pp.

S52 Lamberts, H. Report from a meeting of the Eucarpia Gene Bank
1973 Committee, concerning further plans for European gene banks and details of future organization. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.105-106.

S53 Lange, W., Hondelmann, W., Seidewitz, L. & Soest, L.J.M. van.
1979 Vier Jahre Genbankarbeiten an der Kartoffel - eine Deutsch-Niederlandische Zusammenarbeit. Kartoffelbau, 30: 22-23.

S54 Lehmann, C.O. Zwanzig Jahre Sortiment des Institutes fur
1963 Kulturpflanzenforschung. Kulturpflanze, 11: 281-294.

S55 Lehmann, C.O. World collection of cultivated plants at the
1972 Gatersleben Central Institute of Genetics and Research of Cultivated Plants - a gene reservoir for plant breeding in G.D.R. Arch. Zuchtungsforsch, 2: 110-127.

S56 Lehmann, C.O. The Gatersleben gene bank. In Zeven, A.C. &
1979 Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.111-116.

S57 Leon, J. Germplasm collections in Central America. Plant
1971 Genet. Resour. Newsl., 26: 10-19.

S58 Mamicpic, N.G. National and regional genebank in the
1982 Philippines. IBPGR Southeast Asian Newsl., 6, no.3: 8-9.

S59 Mesch, J. 1971 {Studies on the world wheat collection for the selection of initial breeding material, with special regard to the life form.} Agrobotanika, 13: 5-11. (In Hungarian)

S60 Moseman, J.G. & Smith, D.H. Jr. 1981 Purpose, development, utilization, maintenance and status of USDA barley collection. In Barley Genetics IV. Proc. 4th Int. Barley Genet. Symp. Edinburgh July 1981. Edinburgh, Edinburgh University Press, p.67-70.

S61 Nesterov, Ya. S. 1974 {The role of the world collections in the development of native horticulture.} Trudy Prikl. Bot. Genet. Selek., 52: 3-15. (In Russian)

S62 Ng, N.Q. 1982 Genetic resources programme of IITA. Plant Genet. Resour. Newsl., 49: 26-31.

S63 Pet, G. 1978 Providing for tomorrow. Zaadbelangen, 32: 336-337. (In Dutch)

S64 Plucknett, D.L., Smith, N.J.H., Williams, J.T. & Anishetty, N.M. 1983 Crop germplasm conservation and developing countries. Science, 220: 163-169.

S65 Porceddu, E. 1979 Gene bank activities in Italy. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.123-125.

S66 Porceddu, E. 1979 The Bari germplasm laboratory. Plant Genet. Resour. Newsl., 38: 3-5.

S67 Porceddu, E. & Scarascia-Mugnozza, G.T. 1972 Germplasm Laboratory - Bari. Plant Genet. Resour. Newsl., 28: 12-16.

S68 Quagliotti, L. 1971-72 La conservazione delle fonti geniche vegetali e le banche del germoplasma. Ann. Accad. Agric. Torino, 114: 219-239.

S69 Rashid, M. 1981 The national programme of Afghanistan. Plant Genet. Resour. Newsl., 46: 2-3.

S70 Roelofsen, H.J. 1979 The Wageningen collections. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.133-137.

S71 Roelofsen, H. 1981 {A Netherlands gene bank: blind spot in agricultural research.} Bedrijfsontwikkeling, 12: 300-306. (In Dutch)

S72 Roy, J.K. & Ashok Rao, A. 1978 India's national gene bank in international cooperation. Int. Rice Research Newsl., 3: 4.

S73 Ryabov, I.N. 1975 {World collections of stone fruits and the improvement of varieties.} Vestn. S-kh. Nauki, 2: 82-88. (In Russian)

S74 Sajo, Z. 1974 {General questions of gene-bank and preservation of genetic resources and related objectives in Hungary.} Agrobotanika, 15: 28-35. (In Hungarian).

S75 Sajo, Z. 1974 {General problems and Hungarian objectives relating to gene banks and the conservation of genetic plant materials.} Agrobotanika, 15: 15-28.

S76 Samarawira, I. 1981 Date palm repository in Nigeria. Plant Genet. Resour. Newsl., 48: 38-40.

S77 Scarascia-Mugnozza, G.T. 1973 Activities and programmes of the Italian germ plasm laboratory. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.22-23.

S78 Seidewitz, L. 1972 Einrichtung einer Genbank fur die Bundesrepublik Deutschland. Landwirtsch. Forsch., Sonderheft 27, I. p.280-281.

S79 Seidewitz, L. 1974 Probleme und Bedeutung der Einrichtung von Genbanken. Kali-Briefe, 12: 1-9.

S80 Sencer, H.A. 1978 The national programme of Turkey. Plant Genet. Resour. Newsl., 35: 2-4.

S81 Stubbe, H. 1970 Das Institut fur Kulturpflanzenforschung Gatersleben (Aufgaben, Ergebnisse, Probleme). Kulturpflanze, 6: 29-52.

S82 Sutisna, U. 1982 The genebank at the National Biological Institute Bogor. IBPGR Southeast Asian Newsl., 6, no.3: 11-12.

S83 Taysi, V. 1973 The Izmir agricultural and introduction centre. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.14.

S84 Thompson, P.A. 1974 The use of seed-banks for conservation of populations of species and ecotypes. Biol. Cons., 6: 15-19.

S85 Trofimovskaya, A.Ya. 1969 {Results and perspectives in research in the world collection of barley.} Trudy Prikl. Bot. Genet. Selek., 41(1): 78-86. (In Russian)

S86 University of the Philippines College of Agriculture -SEARCA gene 1971, 1973 bank project. Plant introduction catalogue no.1 Sorghum, 22pp. Plant introduction catalogue no.2 Mungbean, 27pp.

S87 Valmayor, R.V. The regional gene bank [Los Banos]. IBPGR
1981 Southeast Asian Newsl., 5, no.1: 8-9.

S88 Villareal, R.J. & Ho, L.J. Genetic resources at the Asian
1981 vegetable research and development center. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.145-152.

S89 Wade, N. International agricultural research. Science,
1975 N.Y., 188: 585-589.

S90 Wold, A. The national seed storage laboratory for genetic
1975 resources in Japan. ISTA News Bull., 49: 2-3.

Other relevant references :

J114,T15,AMA13,POT2,POT89,POT136,POT209,COC69,COC71

T ORGANISATION, NETWORKS, TRAINING

T1 Agricultural Research Policy Advisory Committee. Recommended
1973 actions and policies for minimizing the genetic vulnerability of our major crops. A special report of the ad-hoc subcommittee. U.S. Dep. Agric., National Assoc. State Universities and Land Grant Colleges. 32pp.

T2 Barton, D.W. The national fruit and nut germplasm repository
1978 system. Fruit Var. J., 32: 20-23.

T3 Bommer, D. Die Entwicklung internationaler Agrarforschung fur
1973 die Entwicklungslander. Z. Ausland. Landwirtsch. 12: 322-336.

T4 Brezhnev, D.D. {The state of present work and tasks for
1969 strengthening work in mobilising and studying plant resources.} Trudy Prikl. Bot. Genet. Selek., 41(1): 31-43. (In Russian)

T5 Brooks, H.J. & Barton, D.W. A plan for national fruit and nut
1977 germplasm repositories. HortScience, 12: 298-300.

T6 Burgess, S. The national program for conservation of crop germ
1971 plasm. U.S. National Cooperative Program on the introduction, screening and preservation of plant material. Athens, Univ. of Georgia. 73pp.

T7 Chomchalow, N. & Singh, R.B. 1981 The Southeast Asian cooperative regional plant genetic resources programme. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.136-144.

T8 Consultative Group on International Agricultural Research. 1980 The international research network. Washington, D.C., CGIAR, 50pp.

T9 Creech, J.L., et al. 1971 The national program for conservation of crop germ-plasm. Joint publication of the Agricultural Research Service, USDA, and Cooperating State Agricultural Experimental Stations. U.S. Dep. Agric., Beltsville. 73pp.

T10 Downey, R.K. 1981 Canada's role and interest in the genetic resources of the Far East and Pacific islands. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.117-119.

T11 FAO 1969 Report of the third session of the FAO Panel of Experts on plant exploration and introduction. Rome, FAO.

T12 FAO 1970 Report of the fourth session of the FAO Panel of Experts on plant exploration and introduction. Rome, FAO.

T13 FAO 1973 Report of the fifth session of the FAO Panel of Experts on plant exploration and introduction. Rome, FAO.

T14 Frankel, O.H. 1968 International collaboration in plant exploration and conservation. J. Aust. Inst. Agric. Sci., 34: 22-27.

T15 Frankel, O.H. 1975 Genetic resources centres - a co-operative global network. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.473-481.

T16 Frankel, O.H. 1981 The role of SABRAO in genetic resources. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.132-133.

T17 Hawkes, J.G. 1973 Training of personnel in genetic conservation and related topics. In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.80-81.

T18 Hawkes, J.G. & Williams, J.T. The first six years: postgraduate
1976 training at Birmingham. Plant Genet. Resour. Newsl., 32: 2-7.

T19 Hougas, R.W. Plant germplasm policy. In Wilkes, G, ed. Plant
1976 germplasm resources - American independence, past and future. American association for the advancement of science. 16pp.

T20 IBPGR A cooperative regional programme in Southeast Asia.
1977 Rome, IBPGR. 33pp.

T21 IBPGR Reports of the first, second, third, fourth
1978, 1979, regional committee meetings. A cooperative regional
1980, 1982. programme in Southeast Asia. Rome, IBPGR. 45pp, 35pp, 51pp, 65pp.

T22 IBPGR Report of the IBPGR workshop on South Asian plant
1978 genetic resources. Rome, IBPGR. 56pp.

T23 IBPGR Report of IBPGR regional meeting on the
1979 Mediterranean germplasm programme. Rome, IBPGR. 21pp.

T24 IBPGR Crop genetic resources. [An introduction to the
1981 IBPGR.] (Engl. ed., Fr.ed.) Rome, IBPGR. 13pp.

T25 IBPGR Revised priorities among crops and regions. Rome,
1981 IBPGR. 18pp.

T26 IBPGR The IBPGR in the eighties: a strategy and planning
1981 report. Rome, IBPGR.

T27 IBPGR Recursos fitogeneticos de interes agricola en la
1982 region Andina. Informe de la primera reunion regional. / Plant genetic resources in the Andean region. Report of the first regional meeting. Rome, IBPGR. 82pp.

T28 IBPGR Facts about IBPGR. Rome, IBPGR. 7pp.
[1983]

T29 International Board to encourage preservation and use of basic
1974 plant genetic resources. World Crops, 26: 184.

T30 Jana, S. Canada-ICARDA collaboration for cereal germplasm
1982 conservation. Plant Genet. Resour. Newsl., 49: 5-10.

T31 Jones, Q. The U.S.A. germplasm system. In Williams,
1981 J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.120-121.

T32 Jones, Q. 1981 The national plant germplasm system. HortScience, 16: 737-739.

T33 Kjellqvist, E. 1975 A regional plan for the collection, conservation and evaluation of genetic resources. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.455-456.

T34 Lawrence, E. 1975 Conservation of crop genetic resources. Rome, IBPGR. 14pp.

T35 Mak, C., Soepadmo, E., & Yong, H.S., eds. 1979 Proc. SABRAO workshop on genetic resources of plants, animals and microorganisms in Malaysia. Kuala Lumpur, May 19-20, 1978. Malaysian Appl. Biol. 102pp.

T36 Matsuo, T. 1975 Institutional organization for gene conservation in Japan. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.199-208.

T37 Singh, R.B. 1981 Directory of genetic resource collections and institutes in Southeast Asia. Bangkok, IBPGR Southeast Asia Programme. 84pp.

T38 Sloten, D.H. van. 1980 IBPGR activities on genetic resources of fruits and vegetables. Chron. Hortic., 20: 49-52.

T39 USA 1971 The national programme for conservation of crop germ plasm (USA). A progress report on Federal/State cooperation. Georgia, University of Georgia. 73pp.

T40 USA, Comptroller General. 1981 The department of agriculture can minimize the risk of potential crop failures. Report to the Congress of the United States. Washington, USA. General Accounting office. 35pp.

T41 USA, National Plant Genetic Resources Board. 1979 Plant genetic resources: conservation and use. U.S. Dep. Agric. 20pp.

T42 USDA 1973 Recommended actions and policies for minimising the genetic vulnerability of our major crops. U.S. Dep. Agric. special report. 32pp.

T43 Unk, J. & Holly, L. 1981 {The FAO/UNDP European cooperative gene bank programme.} Novenytermeles, 30: 455-458. (In Hungarian, English summary)

T44 Wilkes, G. 1983 Current status of crop germplasm. CRC Critical Reviews in Plant Science, 1: 133-181.

T45 Williams, J.T. Training for genetic resources programmes. In
1975 Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.254-260.

T46 Williams, J.T. The role of the IBPGR in organizing conservation
1981 networks of vegetative and seed material. In CIP Report of the planning conference on the exploration, taxonomy and maintenance of potato germ plasm III. Lima, Peru, CIP, p.178-181.

T47 Williams, J.T. & Sastrapradja, S. Plant genetic resources in
1975 South East Asia - some recent activities. SABRAO J., 7: 125-130.

Other relevant references :

J85,ORY17

SECTION II

CROPS

1 CEREALS

CEREALS - GENERAL

CER1 Aase, H.C. 1935 Cytology of cereals. Bot. Rev., 1: 467-496.

CER2 Baum, B.R. 1977 Taxonomy of the tribe Triticeae (Poaceae) using various numerical techniques. I. Historical perspectives, data accumulation and character analysis. Can. J. Bot., 55: 1712-1740.

CER3 Baum, B.R. 1978 Taxonomy of the tribe Triticeae (Poaceae) using various numerical techniques. II. Classification. Can. J. Bot., 56: 27-56.

CER4 Baum, B.R. 1978 Taxonomy of the tribe Triticeae (Poaceae) using various numerical techniques. III. Synoptic key to genera and synopses. Can. J. Bot., 56: 374-385, Erratum 2928-2929.

CER5 Bell, G.D.H. 1965 The comparative phylogeny of the temperate cereals. In Hutchinson, J.B., ed. Essays on crop plant evolution. Cambridge, Cambridge University Press, p.70-102.

CER6 Bennett, E. 1973 Near East. Cereals. Afghanistan. In Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome, FAO/IBP, p.22-24.

CER7 Bowden, W.M. 1959 The taxonomy and nomenclature of the wheats, barleys and ryes and their wild relatives. Can. J. Bot., 37: 657-684.

CER8 Harlan, J.R., Wet, J.M.J. de & Price, E.G. 1973 Comparative evolution of cereals. Evolution, Lancaster, Pa., 27: 311-325.

CER9 Jarman, M.N. 1972 The origins of wheat and barley cultivation. In Higgs, E.S., ed. Papers in economic prehistory. Cambridge, Cambridge University Press, p.15-26.

CER10 Kjellqvist, E. 1973 Near East. Cereals, Turkey. In Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome, FAO/IBP, p.9-13.

CER11 Kock, L. 1973 Die Landsortenforschung im alpinen Raum. Ber. Arb. "Arbeitsgemeinsch. Saatzuchtleiter", p.143-157.

CER12 Krotov, A.S., et al. 1969 {Groat crops and sorghum.} Trudy Prikl. Bot. Genet. Selek., 41(1): 113-135. (In Russian)

Previous Page Blank

CER13 Krotov, A.S., Lysov, V.N. & Sokolova, I.I. {Cultivated flora
1975 of the USSR. Vol.3. Groat crops (buckwheat, proso, rice).} Leningrad, Kolos. 364pp. (In Russian)

CER14 Kuckuck, H. Near East. Cereals. Syria, Iraq, Iran, Pakistan.
1973 In Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome, FAO/IBP, p.14-21.

CER15 MacKey, J. Relationships in the Triticinae. Proc. 3rd Int.
1968 Wheat Genet. Symp., Canberra, 39-50.

CER16 McNeal, F.H., et al. System for recording and processing
1971 cereal research data. U.S. Dep. Agric., Agric. Res. Serv. Bull., 34-121. 42pp.

CER17 Porteres, R. African cereals: Eleusine, fonio, black fonio,
1976 teff, Brachiaria, Paspalum, Pennisetum, and African rice. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.409-452.

CER18 Sakamoto, S. Patterns of phylogenetic differentiation in the
1973 tribe Triticineae. Seiken Zihô, 24: 11-31.

CER19 Schachl, R. Cereal land-races from Austria and their
1981 utilization in plant breeding. Kulturpflanze, 29: 99-110.

CER20 Schechter, Y., Waines, J.G. & Ayala, R.P. Single seed disc
1974 electrophoresis of maize, wheat and sorghum. Bull. Torrey Bot. Club, 101: 207-210.

CER21 Schiemann, E. New results on the history of cultivated
1951 cereals. Heredity, Lond., 5: 305-320.

CER22 Stebbins, G.L. Cytogenetics and evolution in the grass family.
1956 Am. J. Bot., 43: 890-905.

CER23 Warren, H.L. Cereal crops. New York, Macmillan.
1963

CER24 Wet, J.M.J. de. Evolutionary dynamics of cereal domestication.
1975 Bull. Torrey Bot. Club, 102: 307-312.

CER25 Wet, J.M.J. de. Increasing cereal yields: evolution under
1977 domestication. In Seigler, D.S., ed. Crop resources. New York, Academic Press, p.111-118.

CER26 Wet, J.M.J. de. Grasses and the cultural history of man.
1981 Ann. MO.Bot. Gdn., 68: 87-104.

CER27 Whyte, R.O. 1973 The Gramineae, wild and cultivated, of monsoonal and equatorial Asia. 1. Southeast Asia. In Asian perspectives, vol.15. Hawaii, University Press Hawaii, p.127-151.

CER28 Whyte, R.O. 1975 An environmental interpretation of the origin of Asian cereals. Indian J. Genet. Plant Breed., 35: 61-68.

CER29 Whyte, R.O. 1975 Evolution and status of Gramineae in Asia. Plant Genet. Resour. Newsl., 31: 7-17.

CER30 Witcombe, J.R. 1975 Cereals in Nepal. Plant Genet. Resour. Newsl., 31: 19-28.

CER31 Zohary, D. 1966 The evolution of genomes in Aegilops and Triticum. Proc. 2nd Int. Wheat Genet. Symp. Lund, 1963. Hereditas Suppl. vol.2: 207-217.

CER32 Zohary, D. 1971 Origin of South-west Asiatic cereals: wheats, barley, oats and rye. In Davis, P.H., Harper, P.C. & Hedge, I.C., eds. Plant life of South-west Asia. Edinburgh, The Botanical Society of Edinburgh, p.235-263.

Other relevant references :

A268,B1,B82,B147,B245,C57,D30,D77,G41,G77,J15,J113,J214,K61,L7,L88,L131, L158,L160,N71,N74,N88,N105,Q13,Q71,S47

AVENA

AVE1 Aberg, E. 1948 Oats from Eastern Tibet. K. Lantbrukshogsk. Ann. 15: 227-234.

AVE2 Allard, R.W. & Marshall, D.R. 1969 The genetics of electrophoretic variants in Avena. J. Hered., 60: 17-19.

AVE3 Anon. 1976 Wild oats educate cultivated cousins. New Sci., 70: 363.

AVE4 Asker, S. & Frost, S. 1973 Thin-layer chromatographic studies of phenolics in oats. Hereditas, 73: 17-25.

AVE5 Baum, B.R. 1973 Extrapolation of the predomesticated hexaploid cultivated oats. Evolution, 27: 518-523.

AVE6 Baum, B.R. 1974 Typification of the Linnaean species of oats, Avena. Taxon, 23: 579-583.

AVE7 Baum, B.R. 1974 Classification of the oat species (Avena, Poaceae) using various taximetric methods and an information-theoretic model. Can. J. Bot., 52: 2241-2262.

AVE8 Baum, B.R. 1975 Cladistic analysis of the diploid and hexaploid oats (Avena, Poaceae) using numerical techniques. Can. J. Bot., 53: 2115-2127.

AVE9 Baum, B.R. 1977 Oats: wild and cultivated. A monograph of the genus Avena L. (Poaceae). Ottawa, Monograph Biosystematics Research Institute, Canada Department of Agriculture. 463pp.

AVE10 Baum, B.R. 1977 Supplement to oats: wild and cultivated. Bibliography. Ottawa, Biosystematics Research Institute, Canada Department of Agriculture. 446pp.

AVE11 Baum, B.R., et al. 1972 Notes on the habit and distribution of Avena species in the Mediterranean and Middle East. Can. J. Bot., 50: 1385-1397.

AVE12 Baum, B.R. & Lefkovitch, L.P. 1972 A model for cultivar classification and identification with reference to oats (Avena). 1. Establishment of the groupings by taximetric methods. Can. J. Bot., 50: 121-130.

AVE13 Baum, B.R. & Lefkovitch, L.P. 1972 A model for cultivar classification and identification with reference to oats (Avena). 2. A probabilistic definition of cultivar groupings and their Bayesian identification. Can. J. Bot., 50: 131-138.

AVE14 Baum, B.R., Rajhathy, T. & Sampson, D.R. 1973 An important new diploid Avena species discovered on the Canary Islands. Can. J. Bot., 51: 759-762.

AVE15 Baum, B.R., Rajhathy, T., Martens, J.W. & Thomas, H. 1975 Wild oat gene pool. Canada, Department of Agriculture, Publ. 1475. 2nd ed. 110pp.

AVE16 Clegg, M.T. & Allard, R.W. 1972 Patterns of genetic differentiation in the slender wild oat species Avena barbata. Proc. Nat. Acad. Sci., U.S.A., 69: 1820-1824.

AVE17 Coffman, F.A. 1946 Origin of cultivated oats. J. Am. Soc. Agron., 38: 983-1002.

AVE18 Coffman, F.A., ed. 1961 Oats and oat improvement. Madison, American Society of Agronomy.

AVE19 Coffman, F.A. 1977 Oat history, identification and classification. U.S. Dep. Agric. Tech. Bull. no.1516. 356pp.

AVE20 Coffman, F.A. & MacKey, J.H. Hafer (Avena sativa L.) 1. Systematics, origin, cytology, diseases and genetics of resistances: breeding in North America. In Kappert, H. & Rudorf, W., eds. Handbuch der Pflanzenzuchtung. 2nd ed. Berlin, Parey, vol.2, p.427-438.
1959

AVE21 Craig, I.L., Murray, B.E. & Rajhathy, T. Leaf esterase isozymes in Avena and their relationships to the genomes. Can. J. Genet. Cytol., 14: 581-589.
1972

AVE22 Dalal, K.C. & Sadanaga, K. Genome relationship between diploid and tetraploid Avena. Cytologia, 36: 126-132.
1971

AVE23 Danert, S. Zur Systematik von Avena sativa L. und zur Beurteilung von Avena nuda Hoj. Kulturpflanze, 19: 45-51.
1972

AVE24 Dass, H.C. Analysis of species relationships in Avenae by thin-layer chromatography and disc electrophoresis. Can. J. Genet. Cytol., 14: 305-316.
1972

AVE25 Dinoor, A. & Wahl, I. Reaction of non-cultivated oats from Israel to Canadian races of crown rust and stem rust. Can. J. Plant Sci., 43: 263-270.
1963

AVE26 Findlay, W.M. Oats. Edinburgh and London, Oliver & Boyd. Aberdeen University Studies, No.137.
1954

AVE27 Frey, K.J. & Chandhanamutta, A.P. Spontaneous mutations as a source of variation in diploid, tetraploid and hexaploid oats (Avena spp.) Egypt. J. Genet. Cytol., 4: 238.
1975

AVE28 Griffiths, D.J. & Johnston, T.D. Origin of the common wild oat. Nature, Lond., 178: 99-100.
1956

AVE29 Hamrick, J.L. & Allard, R.W. Microgeographical variation in allozyme frequencies in Avena barbata. Proc. Nat. Acad. Sci. U.S.A., 69: 2100-2104.
1972

AVE30 Holden, J.H.W. Species relationship in genus Avena. Chromosoma, 20: 75-124.
1966

AVE31 Holden, J.H.W. Field studies of some wild species of Avena. Econ. Bot., 23: 339-345.
1969

AVE32 Holden, J.H.W. Oats. In Simmonds, N.W., ed. Evolution of crop plants. London, Longman, p.86-90.
1976

AVE33 Jain, S.K. Comparative ecogenetics of Avena fatua and A. barbata occurring in central California. Evol. Biol., 3: 73-118.
1969

AVE34 Jones, E.T. 1956 The origin, breeding and selection of oats. Agric. Rev., Lond., 2: 20-28.

AVE35 Kahler, A.L., Allard, R.W., Krazakowa, C.F., Wehrhahn, C.F.& 1980 Nevo, E. Association between isozyme phenotypes and environment in the slender wild oat (Avena barbata) in Israel. Theor. Appl. Genet., 56: 37-47.

AVE36 Kleese, R.A. & Frey, K.J. 1964 Serological predictions of genetic relationships among oat varieties (Avena sativa) and corn inbreds (Zea mays). Crop Sci., 4: 379-383.

AVE37 Kuhn, F. 1981 Problems of the infraspecific taxonomy of oat. Kulturpflanze, 29: 267-272.

AVE38 Ladizinsky, G. 1969 New evidence on the origin of the hexaploid oat. Evolution, Lancaster, Pa., 23: 676-684.

AVE39 Ladizinsky, G. 1970 Chromosome rearrangements in the hexaploid oats. Heredity, Lond., 25: 457-461.

AVE40 Ladizinsky, G. 1971 Chromosome relationships between tetraploid (2n = 28) Avena murphyi and some diploid, tetraploid, and hexaploid species of oats. Can. J. Genet. Cytol., 13: 203-209.

AVE41 Ladizinsky, G. 1971 Avena murphyi: a new tetraploid species of oat from southern Spain. Israel J. Bot., 20: 24-27.

AVE42 Ladizinsky, G. 1971 Avena prostrata: a new diploid species of oat. Israel J. Bot., 20: 297-301.

AVE43 Ladizinsky, G. 1971 Biological flora of Israel. 2. Avena L. Israel J. Bot., 22: 133-151.

AVE44 Ladizinsky, G. 1973 The cytogenetic position of Avena prostrata among the diploid oats. Can. J. Genet. Cytol., 15: 443-450.

AVE45 Ladizinsky, G. 1973 Genetic control of bivalent pairing in the Avena strigosa polyploid complex. Chromosoma, 42: 105-110.

AVE46 Ladizinsky, G. 1974 Cytogenetic relationships between the diploid oat A. barbata, A. magna and A. murphyi. Can. J. Genet. Cytol., 16: 105-112.

AVE47 Ladizinsky, G. 1974 Genome relationships in the diploid oats. Chromosoma, 47: 109-117.

AVE48 Ladizinsky, G. & Johnson, B.L. 1972 Seed protein homologies and the evolution of polyploidy in Avena. Can. J. Genet. Cytol., 14: 875-888.

AVE49 Ladizinsky, G. & Zohary, D. Genetic relationships between
1968 diploids and tetraploids in series Eubarbatae of Avena. Can. J. Genet. Cytol., 10: 68-81.

AVE50 Ladizinsky, G. & Zohary, D. Notes on species delimitation,
1971 species relationships and polyploidy in Avena L. Euphytica, 20: 380-395.

AVE51 Liyama, K. & Grant, W.F. A correlation of nuclear DNA content
1972 and thin-layer chromatographic patterns in resolving genome relationships in Avena. Can. J. Bot., 50: 1529-1545.

AVE52 Malzew, A.I. {Wild and cultivated oat.} Trudy Prikl. Bot.
1930 Genet. Selek., 38: 14-500. (In Russian)

AVE53 Marshall, D.R. & Allard, R.W. Isozyme polymorphisms in natural
1970 populations of Avena fatua and A. barbata. Heredity, Lond., 25: 373-382.

AVE54 Martinoli, G. Avena magna: new oat species. Science, N.Y.,
1969 163: 594-595.

AVE55 Morais, A.T. Les hybrides naturels d'Avena sativa L. Bol.
1937 Soc. Broteriana, 12: 253-284.

AVE56 Mordvinkina, A.I. {Resources of oats.} Trudy Prikl. Bot.
1969 Genet. Selek., 41: 87-93. (In Russian)

AVE57 Murray, B.E., Craig, I.L. & Rajhathy, T. A protein electro-
1970 phoretic study of three amphidiploids and eight species in Avena. Can. J. Genet. Cytol., 12: 651-665.

AVE58 Pfahler, P.L. Environmental variability and genetic diversity
1965 within populations of oats (cultivated species of Avena) and rye (Secale cereale L.). Crop Sci., 5: 271-275.

AVE59 Rajhathy, T. Chromosomal differentiation and speciation in
1961 diploid Avena. Can. J. Genet. Cytol., 3: 372-377.

AVE60 Rajhathy, T. Evidence and an hypothesis for the origin of the
1966 C genome of hexaploid Avena. Can. J. Genet. Cytol., 8: 774-779.

AVE61 Rajhathy, T. Chromosome polymorphism in Avena ventricosa.
1971 Chromosoma, 35: 206-216.

AVE62 Rajhathy, T. & Baum, B.R. Avena damascena: a new diploid oat
1972 species. Can. J. Genet. Cytol., 14: 645-654.

AVE63 Rajhathy, T. & Dyck, P.L. Chromosomal differentiation and
1963 speciation in diploid Avena. 2. The karyotype of A. pilosa. Can. J. Genet. Cytol., 5: 175-179.

AVE64 Rajhathy, T. & Thomas, H. Chromosomal differentiation and
1967 speciation in diploid Avena. 3. Mediterranean wild populations. Can. J. Genet. Cytol., 9: 52-68.

AVE65 Rajhathy, T. & Thomas, H. Cytogenetics of oats (Avena L.).
1974 Genet. Soc. Canada, Misc. Publ., no.2. 90pp.

AVE66 Rajhathy, T., Shearer, D.A. & Warner, E.M. A thin-layer
1971 chromotographic study of some amphiploids in Avena. Can. J. Genet. Cytol., 13: 759-769.

AVE67 Sampson, D.R. On the origin of oats. Bot. Mus. Leafl. Harv.
1954 Univ., 16: 265-303.

AVE68 Shepeleva, E.M. {Karyosystematic study on cultivated and wild
1939 oats.} Dokl. Akad. Nauk. SSSR, 25: 228-231. (In Russian)

AVE69 Smith, R.L. Peroxidase polymorphism in cultivated oats, Avena
1970 sativa L. and A. byzantina C. Koch. Crop Sci., 10: 273-276.

AVE70 Swami, U.B.S. & Thomas, H. Studies on the relationship of
1966 Avena sativa (6x) and Avena hirtula (2x). Can. J. Genet. Cytol., 8: 51-56.

AVE71 Thomas, H. Chromosome relationships between the cultivated
1970 oat Avena sativa (6x) and A. ventricosa (2x). Can. J. Genet. Cytol., 12: 36-43.

AVE72 Thomas, H. & Jones, I.T. Origins and identification of weed
1976 species of Avena. In Price-Jones, D., ed. Wild oats in world agriculture. London, Agricultural Research Council, p.1-18.

AVE73 Thomas, H. & Jones, M.L. Chromosomal differentiation in
1965 diploid species of Avena. Can. J. Genet. Cytol., 7: 108-111.

AVE74 Thomas, H. & Leggett, J.M. Chromosome relationships between
1974 Avena sativa and the two diploid species A. canariensis and A. prostrata. Can. J. Genet. Cytol., 16: 889-894.

AVE75 Thomas, H. & Rajhathy, T. Single chromosome affinities in the
1967 A genome of Avena. Nature, Lond., 214: 1357-1358.

AVE76 Thomas, H. & Rajhathy, T. Chromosome relationships between
1967 Avena sativa (6x) and Avena pilosa (2x). Can. J. Genet. Cytol., 9: 154-162.

Other relevant references :

F13,G99,G106,G107,J153,Q8,Q41,Q50

HORDEUM

HOR1 Aberg, E. 1940 The taxonomy and phylogeny of Hordeum L. sect. Cerealia Ands. with special reference to Tibetan barleys. Symb. Bot. Uppsala. 4. 150pp.

HOR2 Aberg, E. 1950 Studies on the origin and classification of barleys and their significance for the principles in classification of self-pollinated cultivated plants. Proc. 7th Int. Bot. Congr., 275-276.

HOR3 Aberg, E. 1957 Wild and cultivated barleys with pediceled florets. K. Lantbrukshogsk. Ann., 23: 315-322.

HOR4 Aberg, E. & Weibe, G.A. 1945 Irregular barley, Hordeum irregulare, sp. nov. J. Washington Acad. Sci., 35: 161-164.

HOR5 Almgard, G. & Landergren, U. 1974 Isozymatic variation used for the identification of barley cultivars. Z. Pflanzenzucht. 72: 63-73.

HOR6 Anishetty, N.M, Toll, J., Ayad, W.G. & Witcombe, J.R. 1982 Directory of germplasm collections, 3: Cereals, 5. Barley. Rome, IBPGR. 26pp.

HOR7 Bakhteyev, F. Kh. 1955 {Barley.} Moscow, State Publishing House of Agricultural Literature. 188pp. (In Russian)

HOR8 Bakhteyev, F. Kh. 1956 {The genetics of barley. Crossing wild barley representatives, Hordeum spontaneum C. Koch., with cultivated forms of barley.} Bot. Zh. SSSR., 41: 1591-1603. (In Russian)

HOR9 Bakhteyev, F. Kh. 1957 A fossil form of cultivated barley: Hordeum lagunculiforme Mihi. K. Lantbrukshogsk. Ann., 23: 309-314.

HOR10 Bakhteyev, F. Kh. 1958 {The materials on the phylogeny and the origin of cultivated barley - Hordeum sativum s.l.} Problemy Botaniki, 3: 308-315. (In Russian, English summary)

HOR11 Bakhteyev, F. Kh. 1962 {A new link in the species of wild barley.} Bot. Zh. SSSR., 47: 844-847. (In Russian)

HOR12 Bakhteyev, F.Kh. 1963 Origin & phylogeny of barley. Barley genetics I. Proc. 1st Int. Barley Genet. Symp., Wageningen August 1963. Wageningen, Centre for Agricultural Publications and Documentations, p.1-18.

HOR13 Bakhteyev, F.Kh. Some experimental aspects of the problem of
1971 origin and phylogeny of barley. In Nilan, R.A., ed. Barley Genetics II. Proc. 2nd Int. Barley Genet. Symp., Washington, Washington State University Press, p.36-44.

HOR14 Bakhteyev, F. Kh. & Darevskaya, E.M. {Hordeum
1962 lagunculiforme Bacht. and H. spontaneum C. Koch. from Turkmen SSSR.} Bot. Zh. SSSR., 47: 267-272. (In Russian)

HOR15 Bakshi, J.S. & Rana, R.S. Barley. In Hutchinson, J.B., ed.
1974 Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.47-52.

HOR16 Beaven, E.S. Barley. London, Duckworth.
1947

HOR17 Bothmer, R.von. & Jacobsen, N. Biosystematic investigations in
1979 the genus Hordeum. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.229-231.

HOR18 Bothmer, R. von., Jacobsen, N. & Jorgensen, R. Phylogeny and
1981 taxonomy in the genus Hordeum. In Barley Genetics IV. Proc. 4th Int. Barley Genet. Symp. Edinburgh July 1981. Edinburgh, Edinburgh University Press, p.13-21.

HOR19 Briggs, D.E. Barley. London, Chapman & Hall. 612pp.
1978

HOR20 Brucher, H. & Aberg, E. Die primitivgersten des Hochlands von
1950 Tibet, ihre Bedeutung fur die Zuchtung und das Verstandnis des Ursprungs und der Klassifizierung der Gersten. K. Lantbrukshogsk Ann., 17: 247-319.

HOR21 Cauderon, Y. & Cauderon, A. Etude de l'hybride F1 entre
1956 Hordeum bulbosum L. et H. secalinum Schreb. Ann. Amélior. Plantes, 6: 307-317.

HOR22 Caudwell, A. Possibilités d'obtention d'orges à 6 rangs à gros
1956 grains lateraux a partir de croisements d'orges hexastichum x distichum. Ann. Amelior. Plantes, 6: 191-216.

HOR23 Clark, H.H. The origin and early history of the cultivated
1967 barleys. Agric. History Rev., 15: 1-18.

HOR24 Covas, G. Observaciones sobre la taxonomia de Hordeum
1950 vulgare L. y formas relacionadas. Rev. Argent. Agron., 17: 73-77.

HOR25 Covas, G. 1950 El prototipo de las cebadas cultivadas. Cienc. Invest. (Buenos Aires), 6: 236-237.

HOR26 Davies, D.R. 1960 The embryo culture of interspecific hybrids of Hordeum. New Phytol. 59: 9-14.

HOR27 Della, A., Farias, R.M. & Josephides, C. 1980 Barley and durum wheat in Cyprus. Plant Genet. Resour. Newsl., 43: 2-6.

HOR28 Finlay, K.W. 1960 Genetic study of barley genetic behaviour. 1. Genetic and environmental variation. J. Inst. Brew., 66: 51-57.

HOR29 Georlette, R. 1955 Origine et phylogenie des orges cultivées. Ann. Gembloux, 61: 128-132.

HOR30 Giessen, J.E, Hoffmann, W. & Schottenloher, R. 1956 Die Gersten Athiopiens und Erythraas. Z. Pflanzenzucht, 35: 377-440.

HOR31 Grillot, G. 1957 A note on the botanical classification of cultivated barleys. The creation of new varieties. C. R. Soc. Sci. Nat. Phys. Maroc, 8: 156-162.

HOR32 Grillot, G. 1959 La classification des orges cultivees, (Hordeum sativum Jessen) et nouvelles variétés d'orge. Ann. Amelior. Plantes, 9: 445-552.

HOR33 Harlan, H.V. 1957 One man's life with barley. New York, Exposition Press, 223pp.

HOR34 Harlan, H.V. & Martini, M.L. 1936 Problems and results in barley breeding. U.S. Dep. Agric., Yearbook of Agriculture, 1936: 303-346.

HOR35 Harlan, J.R. 1971 On the origin of barley: a second look. In Nilan, R.A., ed. Barley genetics 2. Washington, Washington State University Press, p.45-50.

HOR36 Harlan, J.R. 1976 Barley. In Simmonds, N.W., ed. Evolution of crop plants. London, Longman, p.93-98.

HOR37 Harlan, J.R. 1979 On the origin of barley. In USDA, Barley: origin, botany, culture, winter hardiness, genetics, utilization, pests. U.S. Dep. Agric., Agric. Handb. no.338. Revised ed. p.10-36.

HOR38 Harlan, J.R. & Zohary, D. 1966 Distribution of wild wheats and barley. Science, N.Y., 153: 1074-1080.

HOR39 Holm, G. & Frost, S. Genetical and biochemical aspects on the
1981 phylogeny of cultivated barley. In Barley Genetics IV. Proc. 4th Int. Barley Genet. Symp. Edinburgh July 1981. Edinburgh, Edinburgh University Press, p.45-50.

HOR40 Janossy, A. & Karsai, I. {Spring barley world collection:
1971 statistical analysis of morphological characters.} Agrobotanika, 13: 13-20. (In Hungarian)

HOR41 Jain, S.K. & Suneson, C.A. Population studies in self-
1964 pollinated species. 7. Survival of a male-sterile gene in relation to heterozygosis in barley populations. Genetics, Princeton, 50: 905-913.

HOR42 Johnson, I.J. & Aberg, E. The inheritance of the brittle
1943 rachis in barley. J. Am. Soc. Agron., 35: 101-106.

HOR43 Jorgensen, R.B. Biosystematics of Hordeum bulbosum L. Nordic
1982 J. Bot., 2: 421-434.

HOR44 Kamm, A. The discovery of wild six-rowed barley and wild
1954 Hordeum intermedium in Israel. K. Lantbrukshogsk Ann., 21: 287-320.

HOR45 Kamm, A. The range of brittle types of Cerealia barleys in
1977 Israel. Agric. Res. Organisation, Volcani Center, Israel. Pamphlet no.165. 43pp.

HOR46 Lambert, J.W. & Liang, T.J. Studies of various characters of
1952 six-rowed segregates from crosses between two-rowed and six-rowed barleys. Agron. J., 44: 364-369.

HOR47 Molina-Cano, J.L., Gomez-Campo, C. & Conde, J. Hordeum
1982 spontaneum C. Koch as a weed of barley fields in Morocco. Z. Pflanzenzucht., 88: 161-167.

HOR48 Morrison, J.W. Cytogenetic studies in the genus Hordeum. I.
1959 Chromosome morphology. Can. J. Bot., 37: 527-538.

HOR49 Morrison, J.W. et al. Cytogenetic studies in the genus
1959 Hordeum. II. Interspecific and intergeneric crosses. Can. J. Plant Sci., 39: 375-383.

HOR50 Morrison, J.W. & Rajhathy, T. Cytogenetic studies in the genus
1959 Hordeum. III. Pairing in some interspecific and intergeneric hybrids. Can. J. Genet. Cytol., 1: 65-77.

HOR51 Murphy, P.J. & Witcombe, J.R. Variation in Himalayan barley
1982 and the concept of centres of diversity. In Barley genetics IV. Proc. 4th Int. Barley Genetics Symp., Edinburgh, 1981. p.26-36.

HOR52 Nakao, S. 1956 Barley. In Kihara, H., ed. Land and crops of Nepal Himalaya. vol.2. Scientific results of the Japanese expeditions to Nepal Himalaya, 1952-1953, p.313-343.

HOR53 Nakao, S. & Yabuno, T. 1956 Hordeum brevisubulatum Link. In Kihara, H., ed. Land and crops of Nepal Himalaya. vol.2. Scientific results of the Japanese expeditions to Nepal Himalaya, 1952-1953, p.263-264.

HOR54 Nevo, E., Brown, A.H.D. & Zohary, D. 1979 Genetic diversity in the wild progenitor of barley in Israel. Experientia, 35: 1027-1029.

HOR55 Nevo, E., Zohary, D., Brown, A.H.D. & Haber, M. 1979 Genetic diversity and environmental associations of wild barley Hordeum spontaneum in Israel. Evolution, 33: 815-833.

HOR56 Nikitenko, G.F. 1951 {In regard to the evolution and systematics of cultivated barleys.} Dokl. Akad. Nauk SSSR, 81: 1147-1149. (In Russian)

HOR57 Nikitenko, G.F. 1951 {Investigation of some phylogenetic problems of cultivated barleys, Hordeum sativum Jess., by the method of controlled experiment.} Dokl. Akad. Nauk SSSR, 78: 783-786. (In Russian)

HOR58 Nilan, R.A. 1964 The cytology and genetics of barley, 1951-1962. Research studies Washington State University, 32. Monographic supplement no.3. 278pp.

HOR59 Oinuma, T. 1952 {Karyomorphology of cereals. 12. Studies on the origin of the cultivated barleys.} Kagaku (Tokyo), 22: 301-306. (In Japanese)

HOR60 Oinuma, T. 1953 {Karyomorphology of cereals. 4. Studies of wild barleys.} Japan. J. Genet., 28: 92-104. (In Japanese. English summary)

HOR61 Oinuma, T. 1953 {Karyomorphology of cereals. 6. Geographical distribution of karyotypes in barley varieties.} Bot. Mag., Tokyo, 66: 28-33. (In Japanese with English summary)

HOR62 Orlov, A.A. 1929 (The barleys of Abyssinia and Eritrea.) Trudy Prikl. Bot. Genet. Selek., 20: 283-342. (In Russian)

HOR63 Pai, R.A. & Natarajan, A.T. 1958 Karyotypes of some varieties of barley. Proc. Indian Acad. Sci., 48: 122-130.

HOR64 Qiquan, S. The evolution of cultivated barley. In Barley
1981 Genetics IV. Proc. 4th Int. Barley Genet. Symp. Edinburgh July 1981. Edinburgh, Edinburgh University Press, p.22-25.

HOR65 Qualset, C.O. & Moseman, J.G. Disease reactions of 654 barley
1966 introductions from Ethiopia. U.S. Dept. Agric., Crops Research Division. CR-65-66.

HOR66 Qualset, C.O. & Schaller, C.W. Nonrandom association of
1963 characters in a collection of Ethiopian barley. Am. Soc. Agron. Abstr., 1963 Annual meetings, p.88.

HOR67 Qualset, C.O. & Suneson, C.A. A barley gene-pool for use in
1966 breeding for resistance to the barley yellow dwarf virus disease. Crop. Sci., 6: 302.

HOR68 Reid, D.A. & Wiebe, G.A. Taxonomy, botany, classification,
1979 and world collection In USDA, Barley: origin, botany, culture, winter hardiness, genetics, utilization, pests. U.S. Dep. Agric., Agric. Handb. no.338. Revised ed. p.78-104.

HOR69 Sawicki, J. {Studies on the local cereal varieties grown in
1959 the Carpathian Mountains. I. Spring barley - Hordeum vulgare L. s.l.} Acta Agrobot., 8: 67-150. (In Polish)

HOR70 Schachl, R. Refugia of Austrian land varieties of the
1976 subalpine region. In Barley Genetics III. Proc. 3rd Int. Barley Genetics Symp., Garhing. Munich, Thiemig, p.70-75.

HOR71 Schaller, C.W. A survey of the world barley collection for
1960 resistance to barley yellow dwarf. Phytopathology, 50: 653.

HOR72 Schooler, A.B. Wild barley hybrids. I. Hordeum compressum x
1960 Hordeum pusillum. J. Hered., 51: 178-181.

HOR73 Schooler, A.B. Wild barley hybrids. II. Hordeum marinum x
1960 Hordeum compressum. J. Hered., 51: 243-246.

HOR74 Seveluka, V.S. {Observations on variability of winter barleys
1957 in the foot-hill zone of the North Caucasus.} Izvest. Timiryazev. S-kh. Akad., 6: 64-74. (In Russian. English summary)

HOR75 Shands, H.L. & Dickson, A.D. Barley - botany, production,
1953 harvesting, processing, utilization and economics. Econ. Bot., 7: 3-26.

HOR76 Smith, L. Cytology and genetics of barley. Bot. Rev., 17:
1951 1-51, 133-202, 285-355.

HOR77 Staudt, G. 1961 The origin of cultivated barleys: a discussion. Econ. Bot., 15: 205-212.

HOR78 Takahashi, R. 1951 Studies on the classification and the geographical distribution of the Japanese barley varieties. II. Correlative inheritance of some quantitative characters with the ear types. Ber. Ohara Inst. Landwirtsch. Forsch., 9: 382-398.

HOR79 Takahashi, R. 1955 The origin and evolution of cultivated barley. Adv. Genet., 7: 227-266.

HOR80 Takahashi, R. 1959 {Phylogenetic differentiation of the barleys in the regions around Himalayas and Turkey.} Jap. J. Breed., 9: 67. (In Japanese)

HOR81 Takahashi, R. 1963 The origin of two-rowed malting barley and the history of its cultivation. In Togari, Y. & Hasegawa, S., ed. Cultivation of the malting barley. Tokyo, p.1-16.

HOR82 Takahashi, R. 1963 Further studies on the phylogenetic differentiation of cultivated barley. Barley genetics I. Proc. 1st Int. Barley Genet. Symp., Wageningen August 1963. Wageningen, Centre for Agricultural Publications and Documentation, p.19-26.

HOR83 Takahashi, R. & Yamamoto, J. 1951 {Studies on the classification and geographical distribution of barley varieties. 15. The type of disarticulation of the spikelet and the phylogeny of cultivated barley.} Nogaku Kenkyu, 39: 81-90. (In Japanese)

HOR84 Takahashi, R. & Yamamoto, J. 1951 Studies on the classification and the geographical distribution of the Japanese barley varieties. III. On the linkage relation and the origin of the "uzu" or semi-brachytic character in barley. Ber. Ohara Inst. Landwirtsch. Forsch., 9: 399-410.

HOR85 Tokhtuyev, A.V. 1955 {Natural hybridization between barleys under Siberian conditions.} Agrobiologiya, 1: 108-111. (In Russian)

HOR86 Tovia, T. & Zohary, D. 1962 Natural hybridization between Hordeum vulgare and H. spontaneum: corroborative evidence from progeny tests and artificial hybrids. Bull. Res. Counc. Israel, Sect. D., Bot., 11: 43-45.

HOR87 Trofimovskaja, A.Y. 1952 {The question of the origin and classification of cultivated barley.} Trudy Prikl. Bot. Gene'.. Selek., 29: 19-26. (In Russian)

HOR88 Trofimovskaya, A.Y. {Barley (evolution, classification and
1972 breeding).} Leningrad, Kolos. 296pp. (In Russian)

HOR89 Trofimovskaja, A.Y. & Luk'janova, M.V. {The world barley
1962 collection on the virgin lands of North Kazahstan and Siberia.} Bull. All-Un. Inst. Plant Industr., 11: 66-72. (In Russian)

HOR90 Tsuchiya, T. {Karyotype studies in barley - a collective
1958 review.} Kromosomo, 37-38: 1294-1312. (In Japanese)

HOR91 USDA Barley: origin, botany, culture, winterhardiness,
1979 genetics, utilisation, pests. U.S. Dep. Agric., Agric. Handb. 338. Revised ed. 127pp.

HOR92 Ward, D.J. Some evolutionary aspects of certain morpnologic
1962 characters in a world collection of barleys. U.S. Dep. Agric., Tech. Bull. No. 1276. 112pp.

HOR93 Wiklund, K. The breeding of early two-rowed barley from
1954 crosses between two-rowed and six-rowed varieties. K. Lantbrukshogsk. Ann., 21: 457-485.

HOR94 Witcombe, J.R. Wheat and barley from two Himalayan regions.
1975 Euphytica, 24: 431-434.

HOR95 Witcombe, J.R. Two-rowed and six-rowed wild barley from the
1978 Western Himalaya. Euphytica, 27: 601-604.

HOR96 Zohary, D. Is Hordeum agriocrithon the ancestor of six-rowed
1959 cultivated barley ? Evolution, Lancaster, Pa., 8: 279-280.

HOR97 Zohary, D. Studies on the origin of cultivated barley. Bull.
1960 Res. Counc. Israel Sect. D. Bot., 9: 21-42.

HOR98 Zohary, D. Spontaneous brittle six-row barleys, their nature
1963 and origin. Proc. 1st Int. Barley Genet. Symp., Wageningen, August 1963. Wageningen, Pudoc, p. 28-31.

Other relevant references :

D32,D54,D125,D146,F8,G32,G33,G57,G65,G100,G103,J35,J43,J61,J129,J130,J137, J151,J202,J204,K50,L36,L37,L57,L135,L151,L179,L181,M14,N10,N46,N80,N95,N96, N98,Q41,Q97,Q107,Q110,Q119,S60,S85,CER7,TRI2,TRI81,TRI106,TRI232

ORYZA

ORY1 Akihama, T. & Toshimitsu, K. Geographical distribution of
1972 morphological variation on wild rices in central and southern India. Preliminary report Tottori University Scientific Survey, 1971, vol.1: 48-59.

ORY2 Akihama, T. & Watabe, T. Geographical distribution and
1970 ecotypic differentiation of wild rice in Thailand. Tonan Ajia Kenkyu, 8: 337-346.

ORY3 Ando, H. {Miscellaneous records on the ancient history of
1951 rice crop in Japan.} Tokyo, Chiku Publishing Co. (In Japanese)

ORY4 Ando, H. {Research on the history of rice culture in
1959 ancient Japan.} Tokyo, Norin Kyokai. (In Japanese)

ORY5 Backer, C.A. The wild species of Oryza in the Malay
1946 Archipelago. Blumea, Suppl., 3: 45-55.

ORY6 Bakhareva, S.N. {Rice in west Africa (Senegal, Guinea,
1975 Mali).} Trudy Prikl. Bot. Genet. Selek., 54: 119-153. (In Russian. English summary)

ORY7 Bardena, E.A. & Chang, T.T. Morpho-taxonomic studies of
1966 Oryza glaberrima Steud. and its related wild taxa, O. breviligulata A. Chev. et Rochr. and O. stapfii Roschev. Bot. Mag., Tokyo, 79: 791-798.

ORY8 Borasio, L. Il riso nella storia e nella leggenda.
1943 Risicoltura, 33: 181-185.

ORY9 Brucher, H. Morpho-genetic study of a perennial wild rice
1977 (Oryza sp.) from the Paraguayan Chaco. SABRAO J., 9: 80-90.

ORY10 Buth, G.M. & Saraswat, K.S. Antiquity of rice cultivation.
1972 In Ohouse, A.K.M. & Yunus, M., eds. Research trends in plant anatomy. New Delhi, Tata McGraw Hill, p.33-38.

ORY11 Carpenter, A.J. Note on Oryza glaberrima in Liberia. In
1973 Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome, FAO/IBP, p.64.

ORY12 Chang, T.T. Present knowledge of rice genetics and
1964 cytogenetics. IRRI Tech. Bull., 1: 1-96.

ORY13 Chang, T.T. The genetic basis of wide adaptability and
1967 yielding ability of rice varieties in the tropics. Int. Rice Comm. Newsl., 16: 4-12.

ORY14 Chang, T.T. Rice. In Frankel, O.H. & Bennett, E., eds.
1970 Genetic resources in plants. Oxford, Blackwell, p.267-272.

ORY15 Chang, T.T. The description and preservation of the world's
1970 rice germplasm. SABRAO Newsl., 2: 59-64.

ORY16 Chang, T.T. Preserving the world's rice germplasm. Report
1971 at the Rockfeller Foundation meeting on crop germplasm.

ORY17 Chang, T.T. International cooperation in conserving and
1972 evaluating rice germplasm resources. In IRRI, ed. Rice breeding. Los Banos, Philippines, p.177-185.

ORY18 Chang, T.T. Paleogeographic origin of the wild taxa in the
1976 genus Oryza and their genomic relationships. Int. Rice Research Newsl., 2: 4.

ORY19 Chang, T.T. Rice. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.98-104.

ORY20 Chang, T.T. The rice cultures. Phil. Trans. Roy. Soc.
1976 Lond.,B., 275: 143-157.

ORY21 Chang, T.T. Manual on genetic conservation of rice
1976 germplasm for evaluation and utilisation. Los Banos, Philippines. IRRI. 77pp.

ORY22 Chang, T.T. The origin, evolution, cultivation,
1976 dissemination and diversification of the Asian and African rices. Euphytica, 25: 425-441.

ORY23 Chang, T.T. Exploitation of useful gene pools in rice
1976 through conservation and evaluation. SABRAO J., 8: 11-16.

ORY24 Chang, T.T. Deepwater rice germplasm. In Proc. 1978 Int.
1979 Deepwater rice workshop. Los Banos, Philippines, IRRI. p.35-37.

ORY25 Chang, T.T. IRRI's international role in the conservation
1981 and utilisation of rice germplasm. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.122-129.

ORY26 Chang, T.T. & Bardenas, E.A. The morphology and varietal
1965 characteristics of the rice plant. IRRI. Tech. Bull., 4: 1-40.

ORY27 Chang, T.T. & Parker, M.B. Characteristics of rice
1976 cultivars. II. Riso, 25: 195-201.

ORY28 Chang, T.T. & Perez, A.T. Genetic conservation of rice
1975 germplasm in South East and South Asia, 1971-74. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto., N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.120-128.

ORY29 Chang, T.T. et al. Manual for field collectors of rice.
1972 IRRI. Los Banos, 32pp.

ORY30 Chang, T.T., Adair, C.R. & Johnston, T.H. The conservation
1982 and use of rice genetic resources. Adv. Agron., 35: 37-91.

ORY31 Chang, T.T., Brown, W.L., Boonman, J.G., Sneep, J. &
1979 Lamberts, H. Crop genetic resources. In Sneep, J. & Hendriksen, A.J.Th., eds. Plant breeding perspectives. Wageningen, The Netherlands, Pudoc, p.83-103.

ORY32 Chatterjee, D. Botany of wild and cultivated rices. Nature
1947 Lond., 160: 234-237.

ORY33 Chatterjee, D. A modified key and enumeration of the
1948 species of Oryza Linn. Indian J. Agric. Sci., 18: 185-192.

ORY34 Chatterjee, D. Note on the origin and distribution of wild
1951 and cultivated rices. Indian J. Genet. Plant Breed., 11: 18-22.

ORY35 Chatterjee, P.G., Ray, R. & Ghosh, A.K. On the origin of
1978 rice in India: some remarks. Sci. Cult., 44: 145-148.

ORY36 Cheah, C.H., & Mohd, Idris Zainal Abidin. Rice genetic
1979 resources in peninsula Malaysia. Malaysian Appl. Biol., 8: 43-51.

ORY37 Chevalier, A. Nouvelle contribution à l'étude systématique
1932 des Oryza. Rev. Int. Bot. Appl. Agric. Trop., 12: 1014-1032.

ORY38 Chevalier, A. Sur les riz africains du groupe Oryza
1937 glaberrima. Rev. Bot. Appl. Agric. Trop., 17: 413-418.

ORY39 Chevalier, A. & Viguier, P. Sur la double origine des riz
1937 cultives et le centre de dispersion rizicole Ouest-africain. C.R.Acad. Sci. Paris, 204: 1272-1273.

ORY40 Chou, S.L. {The origin of rice is in China.} J. Rice Soc.
1948 China (Nanking), 7: 53-54. (In Chinese)

ORY41 Chu, Y., Morishima, H. & Oka, H. Reproductive barriers
1969 distributed in cultivated rice species and their wild relatives. Japan J. Genet., 44: 207-223.

ORY42 Chu, Y.E. & Oka, H.I. Introgression across isolating
1970 barriers in wild and cultivated Oryza species. Evolution, Lancaster, Pa., 24: 34-355.

ORY43 Chu, Y.E. & Oka, H.I. The genetic basis of crossing
1970 barriers between Oryza perennis subsp. barthii and its related taxa. Evolution, Lancaster, Pa., 24: 135-144.

ORY44 Clayton, W.D. Studies in the Gramineae: 17. West African
1968 wild rice. Kew Bull., 21: 487-488.

ORY45 Darlington, C.D. Wild and cultivated rice. Nature, Lond.,
1947 160: 756-757.

ORY46 Das, G.R. & Borthakur, D.N. Genetic divergence in rice.
1973 Indian J. Genet. Plant Breed., 33: 436-443.

ORY47 Gad el Hak, M. & Sirry, A.I. Natural cross-pollination in
1965 rice in United Arab Republic. Agric. Res. Rev. (Cairo), 43: 13-20.

ORY48 Galli, J. (Origin, distribution and domestication of rice.)
1978 Lavoura Arrozeira, 31: 63-64, 66-68. (In Portuguese)

ORY49 Gopalakrishnan, R. & Sampath, S. The American species of
1966 Oryza. Oryza, 3: 35-40.

ORY50 Gopalakrishnan, R., Nayer, N.M. & Sampath, S. Cytogenetical
1964 studies of two amphidiploids in the genus Oryza. Euphytica, 13: 57-64.

ORY51 Govindaswami, S., Krishnamurthy, A. & Sastry, N.S. The role
1966 of introgression in the varietal variability in rice in the Jeypore tract of Orissa. Oryza, 3: 74-85.

ORY52 Grist, D.H. Rice. 5th ed. London, Longman. 601pp.
1983

ORY53 Gupta, P.S. Rice - its antiquity, geographical
1951 distribution, origin, habitat and international importance. Agric. Anim. Husb. Uttar Pradesh, 2: 3-7.

ORY54 Gustchin, G.G. Le riz. Origine et histoire de sa culture.
1938 Riz. Rizic. 12: 61-96.

ORY55 H(argrove), T.R. & C(hang), T.T. History of rice offers
1978 clues for rewarding germplasm preservation. IRRI Reporter, 1: 1-3.

ORY56 Hamada, H. Uber den Ursprung des Reisbaues in Asien. Proc.
1949 Crop. Sci. Soc. Japan, 18: 106-107.

ORY57 Hamada, H. Ecotypes of rice. In Kihara, H., ed. Land and
1956 crops of Nepal Himalaya, vol.2. Kyoto, Kyoto University, p.204-312.

ORY58 Hamada, H. {The genealogy of the Japanese rice.} In The
1967 Japanese and cultures of the southern areas. Tokyo, Committee commemoration Takeo Kanaseki's seventieth birthday. p.325-374. (In Japanese)

ORY59 Hanks, L.M. Rice and man. Chicago, Aldine-Atherton.
1972

ORY60 Harris, D. Rice and man in South East Asia. Geogr. Rev.,
1974 64: 140-142.

ORY61 Henderson, M.T. Cytogenetical studies at the Louisiana
1964 Agricultural Experiment Station of species relationships in Oryza. In IRRI. Rice genetics and cytogenetics. Proc. Symp. Los Banos, Philippines, Elsevier, p.147-153.

ORY62 Ho, P.T. Early-ripening rice in Chinese history. Econ.
1956 Hist. Rev., 9: 200-218.

ORY63 Holcomb, J., Tolbert, D.M. & Jain, S.K. A diversity
1977 analysis of genetic resources in rice. Euphytica, 26: 441-450.

ORY64 Hu, C.H. Karyological studies in haploid rice plants. 4.
1960 Chromosome morphology and intragenome pairing in haploid plants of Oryza glaberrima Steud., as compared with those in O. sativa L. Cytologia, 25: 437-449.

ORY65 IBPGR Collecting African rice. Plant Genet. Resour.
1978 Newsl., 33: 23-24.

ORY66 IBPGR Survey and collection of rice germplasm in Africa.
1979 Int. Rice Research Comm. Newsl., 28: 36.

ORY67 IBPGR Conservation of the wild rices of tropical Asia.
1982 Plant Genet. Resour. Newsl., 49: 13-18.

ORY68 Ichikawa, K. {The genealogy of the technique of rice
1961 cultivation in Southeast Asia.} Inst. Asian Econ. Affairs (Tokyo) Bull., 19: 1-114. (In Japanese)

ORY69 Indian Council of Agricultural Research (ICAR). National
1971 germplasm collection of rice. Delhi, 235pp.

ORY70 IRRI Rice breeding. Los Banos, Philippines. IRRI
1972 721pp

ORY71 IRRI 1963 Rice genetics and cytogenetics. Los Banos, Philippines, IRRI.

ORY72 IRRI 1972 Reports of three discussion groups - germplasm conservation and utilization. In Rice breeding. Los Banos, Philippines, IRRI, p.710-711.

ORY73 IRRI 1973 The race to preserve germplasm. IRRI Reporter No.1. 4pp.

ORY74 IRRI 1975 A proposal for a rice genetic resources laboratory. Los Banos, Philippines. IRRI, 11pp.

ORY75 IRRI 1975 Major research in upland rice. Los Banos, Philippines, IRRI. 255pp.

ORY76 IRRI 1978 Proc. workshop on the genetic conservation of rice. A survey of rice genetic resources and conservation in Asia. Abstracts of country reports. Los Banos, Philippines, IRRI, p.3-14.

ORY77 IRRI 1978 Proceedings of the workshop on the genetic conservation of rice. Los Banos, Philippines, IRRI, 54pp.

ORY78 Israel, P., Rao, Y.S. & Prakasa Rao, P.S. 1963 Reaction of wild rices and tetraploid strains of cultivated rices to incidence of gall fly. Oryza, 1: 119-124.

ORY79 Jachuck, P.J. & Hakim, K.L. 1966 Taxonomy of African wild rices. Oryza, 3: 41-48.

ORY80 Jachuck, P.J. & Sampath, S. 1966 Natural interspecific crossing in genus Oryza. Oryza, 3: 71-73.

ORY81 Jachuck, P.J. & Sampath, S. 1966 Variation pattern in Oryza barthii Chev. Oryza, 3: 49-57.

ORY82 Jennings, P.R. 1966 The evolution of plant type in Oryza sativa. Econ. Bot., 20: 396-402.

ORY83 Katayama, T.C. and Kuroda, T. 1974 Distribution of some morphological characters of the wild rice in the Ganga plains II. Prelim. Rep. Tottori Univ. Survey (1971), vol.2, p.19-38.

ORY84 Katayama, T.C., Tomoya, A. & Weliwita, S.M.P. 1972 Distribution and some morphological characters of the wild rice in Ceylon. Preliminary report Tottori University Scientific survey, 1971, vol.1, p.60-64.

ORY85 Kato, S.H. et al. 1928 On the affinity of rice varieties as shown by the fertility of hybrid plants. Bull. Sci. Fac. Terkult Kyushu Imp. Univ., 3: 132-147.

ORY86 Khush, G.S. & Coffmann, W.R. Genetic evaluation and
1977 utilization (GEU) program. The rice improvement program of the International Rice Research Institute. Theor. Appl. Genet., 51: 97-110.

ORY87 Khush, G.S., Aquino, R.C. & Torres, E. Exploiting wild germ
1971 plasm of Oryza for improving cultivated rice. Proc. Second Ann. Sci. Mtg. Crop Sci. Soc. Philippines, p311-320.

ORY88 Kiang, Y. T. & Wu, L. Genetic studies of esterase on the
1979 Taiwan wild rice population and cultivated rice. Bot. Bull. Acad. Sinica, 20: 103-116.

ORY89 Kihara, H. Considerations on the origin of cultivated rice.
1959 Seiken Zihô., 10: 68-83.

ORY90 Kihara, H. Genome analysis in Oryza. Int. Rice Comm.
1963 Newsl., special issue, p.57-66.

ORY91 Kihara, H. & Katayama, T. Application of SUMP method in
1960 taxonomic studies in Oryza. Ann. Rep. Nat. Inst. Genet. (Japan), 10: 39-40.

ORY92 Kihara, H. & Nezu, M. Genome analysis in the genus Oryza.
1960 Ann. Rep. Nat. Inst. Genet. (Japan), 10: 37-39.

ORY93 Leonard, W.H. Rice as a crop in Japan. J. Am. Soc.
1948 Agron., 40: 579-602.

ORY94 Matsuo, T. Genecological studies on the cultivated rice.
1952 Bull. Nat. Inst. Agric. Sci. (Japan) Ser. D., 3: 1-111.

ORY95 McDonald, D.J. Rice and its adaptation to world
1978 environments: Farrer Memorial Oration, 1977. J. Australian Inst. Agric. Sci., 44: 3-20.

ORY96 Meulen, J.G.J. van der. Rice improvement by hybridization
1950 and results obtained. Bogor, Contribution of the general Agric. Res. Station, no.166. 38pp.

ORY97 Mian, A.L. The wild and cultivated species of rice, their
1969 distribution and inter-relationships. Pakistan. J. Sci., 21: 96-105.

ORY98 Ministry of Agriculture, Saigon. Rice in Vietnam: (Rice in
1974 Vietnam: varieties and measuring system.) Ministry of Agriculture, Saigon. (In Vietnamese)

ORY99 Misra, P.K. & Misro, B. Studies on the African cultivated
1971 rice, Oryza glaberrima Steud., introgression of wild genes into the cultivated species. Oryza, 8: 83-86.

ORY100 Misra, R.N. & Shastry, S.V.S. Pachytene analysis in Oryza.
1967 8. Chromosome morphology and karyotypic variation in O. sativa. Indian J. Genet. Plant Breed., 27: 349-368.

ORY101 Misro, B., Richharia, R.H. & Thakur, R. Linkage studies in
1966 rice (Oryza sativa L.): identification of linkage groups in indica rice. Oryza, 3: 96-105.

ORY102 Morinaga, T. {The phylogeny of Japanese rice.} Agr. Hort.,
1955 30: 1275-1278. (In Japanese)

ORY103 Morinaga, T. {Rice of Japan.} Tokyo, Yokendo. (In
1957 Japanese)

ORY104 Morinaga, T. Note on genome analysis in Oryza species.
1959 Int. Rice Comm. Newsl., 8: 10-11.

ORY105 Morinaga, T. {Rice of Japan.} J. Agric. Soc. Japan. 988:
1967 1-10. (In Japanese)

ORY106 Morinaga, T. Origin and geographical distribution of
1968 Japanese rice. Japan. Agric. Res. Quart., 3: 1-5.

ORY107 Morinaga, T. & Fukushima, E. Cyto-genetical studies on
1935 Oryza sativa L. 2. Spontaneous autotriploid mutants in Oryza sativa L. Japan. J. Bot., 7: 207-225.

ORY108 Morishima, H. Phenetic similarity and phylogenetic
1969 relationships among strains of Oryza perennis estimated by methods of numerical taxonomy. Evolution, Lancaster, Pa., 23: 429-449.

ORY109 Morishima, H. & Oka, H.I. The pattern of interspecific
1960 variation in the genus Oryza: its quantitative representation by statistical methods. Evolution, Lancaster, Pa., 14: 153-165.

ORY110 Morishima, H. & Oka, H.I. A survey of genetic variations in
1970 the populations of wild Oryza species and their cultivated relatives. Jap. J. Genet., 45: 371-385.

ORY111 Morishima, H., Hinata, K. & Oka, H.I. Comparison of modes
1963 of evolution of cultivated forms from two wild species, Oryza breviligulata and O. perennis. Evolution, Lancaster, Pa., 17: 170-181.

ORY112 Morishima, H., Oka, H.I. & Chang, T.T. Analysis of genetic
1967 variations in plant type of rice. 1. Estimation of indices showing genetic plant types and their correlations with yielding capacity in a segregating population. Jap. J. Breed., 17: 73-84.

ORY113 Nagamatsu, T. {Characteristics of old local rice varieties
1964 in Japan (prel. note).} Report Kyushu Branch Crop Sci. Soc. Japan, 22: 36-37. (In Japanese)

ORY114 Nair, N.R., Nayar, N.M. & Sahadevan, P.C. On the occurrence
1964 of Oryza species in south-western India and its significance. Curr. Sci., 33: 515-517.

ORY115 Nakagahra, M. {The differentiation and the origin of
1977 cultivated rice.} IDEN (Heredity), 31: 27-33. (In Japanese)

ORY116 Nakagahra, M. The differentiation, classification and
1978 center of genetic diversity of cultivated rice (Oryza sativa L.) by isozyme analysis. In Symp. on methods of crop breeding. Proc. Symp. on tropical agriculture research October 1977. Ibaraki, Japan, Tropical Agricultural Research Centre, Ministry of Agriculture and Forestry, p.77-82.

ORY117 Nakagahra, M. {Genetic diversity and speciation of Oryza
1982 sativa based on isozyme analysis.} Shuseibutsugaku Kenkyu, (Genecol. Stud.,) 4: 105-111. (In Japanese)

ORY118 Nakagahra, M. & Hayashi, K. Origin of cultivated rice as
1977 detected by isoenzyme variations. Jap. Agric. Res. Quart., 11: 1-5.

ORY119 Nakagahra, M., Akihama, T. & Hayashi, K. Genetic variation
1975 and geographic cline of esterase isozymes in native rice varieties. Jap. J. Genet., 50: 373-382.

ORY120 Nakagama, A. Some morphological characters of the wild rice
1976 in Indonesia. Mem. Fac. Agric. Kagoshima Univ., 12: 47-76.

ORY121 Nandi, H.K. The chromosome morphology, secondary
1936 association and origin of cultivated rice. J. Genet., 33: 315-336.

ORY122 Nayar, N.M. Studies on the origin of cultivated rice.
1962 Oryza sativa L.: cytogenetical studies of related species and their hybrids. Abstract in Annual Scientific Report of the Indian Agricultural Research Institute, New Delhi for 1958-1959, p.220.

ORY123 Nayar, N.M. Spatial and temporal aspects of origin of rice.
1966 Proc. Indian Acad. Sci., 63: 297-303.

ORY124 Nayar, N.M. Prevalence of self-incompatibility in Oryza
1967 barthii Cheval.: its bearing on the evolution of rice and related taxa. Genetica, 38: 521-527.

ORY125 Nayar, N.M. Origin and cytogenetics of rice. Adv. Genet.,
1973 17: 153-292.

ORY126 Nezu, M., Katayama, T.G. & Kihara, H. Genetic study of the
1960 genus Oryza. I. Crossability and chromosomal affinity among 17 species. Seiken Zihô, 11: 1-11.

ORY127 Ng, N.Q., Chang, T.T., Williams, J.T. & Hawkes, J.G.
1980 Morphological studies of Asian rice and its related wild species and the recognition of a new Australian taxon. Biol. J. Linn. Soc., 16: 303-313.

ORY128 Ng, N.Q., Hawkes, J.G., Williams, J.T. & Chang, T.T. The
1980 recognition of a new species of rice (Oryza) from Australia. Bot. J. Linn. Soc., 82: 327-330.

ORY129 Nirmani, S.S. Observations on local rice germplasm in
1980 Liberia. Int. Rice Research Newsl., 5: 3.

ORY130 Ogbe, F.M.D. & Williams, J.T. Evolution in indigenous West
1978 African rice. Econ. Bot., 32: 59-74.

ORY131 Oka, H.I. Studies on phylogenetic differentiation in rice
1947 varieties. Japan. J. Genet., 22: 67-72.

ORY132 Oka, H.I. Observations on natural populations of Formosan
1956 wild rice. Ann. Rep. Nat. Inst. Genet., (Japan), 6: 46-47.

ORY133 Oka, H.I. Genic analysis for the sterility of hybrids
1957 between distantly related varieties of cultivated rice. J. Genet., 55: 397-409.

ORY134 Oka, H.I. Report of trip for investigation of rice in Latin
1961 American countries. Nat. Inst. Genetics Japan, Mimisa. Mimeographed.

ORY135 Oka, H.I. Pattern of interspecific relationships and
1964 evolutionary dynamics in Oryza. In IRRI, Rice Genetics and Cyto-genetics: Proc. Symp. Los Banos, Philippines, Elsevier, p.71-90.

ORY136 Oka, H.I. Experimental studies on the origin of cultivated
1974 rice. Genetics, Princeton, 78: 475-486.

ORY137 Oka, H.I. The origin of cultivated rice and its adaptive
1975 evolution. In Association of Japanese Agricultural Scientific Societies, eds. Rice in Asia. Tokyo, University of Tokyo Press, p.21-34.

ORY138 Oka, H.I. & Chang, W.T. The impact of cultivation on
1959 populations of wild rice, Oryza sativa f. spontanea. Phyton, 13: 105-117.

ORY139 Oka, H.I. & Chang, W.T. Population - genetic study of wild
1960 rice in Taiwan. Ann. Rep. Nat. Inst. Genet., (Japan) 10: 59-60.

ORY140 Oka, H.I. & Chang, W.T. Hybrid swarms between wild and
1961 cultivated rice species, Oryza perennis and O. sativa. Evolution, Lancaster, Pa., 15: 418-430.

ORY141 Oka, H.I. & Chang, W.T. Rice varieties intermediate between
1962 wild and cultivated forms and the origin of the japonica type. Bot. Bull. Acad. Sinica, 3: 109-131.

ORY142 Oka, H.I. & Chang, W.T. Observations of wild and cultivated
1964 rice species in Africa. Misima: National Institute of Genetics. (mimeograph)

ORY143 Oka, H.I. & Chang, W.T. Evolution of responses to growing
1964 condition in wild and cultivated rice forms. Bot. Bull. Acad. Sin. (Tapei), 5: 120-138.

ORY144 Oka, H.I. & Morishima, H. Variations in the breeding
1967 systems of a wild rice, Oryza perennis. Evolution, Lancaster, Pa., 21: 249-258.

ORY145 Oka, H.I. & Morishima, H. The dynamics of plant
1970 domestication: cultivation experiments with wild Oryza populations. Evolution, Lancaster, Pa., 25: 356-364.

ORY146 Omura, T. {Collection of local rice varieties in Japan.
1970 Recent advances in breeding.} Jap. Soc. Breed., 11: 23-26. (In Japanese)

ORY147 Otsuka, I. Rice lemmas found in pottery fragments excavated
1972 at Non Nok Tha (Thailand). Seiken Ziho, 23: 67-68.

ORY148 Panikar, S.N. & Gowda, M.K.M. On the origin of rice in
1976 India. Sci. Cult., 42: 547-550.

ORY149 Portères, R. Sur la segregation geographique des genes de
1945 l'O. glaberrima dans l'Ouest Africain et sur les centres de culture de cette espece. C.R. Acad. Sci., 221: 152-153.

ORY150 Portères, R. Les Guyanes, centre secondaire nouveau de
1949 variation des riz cultivés (Oryza sativa L.). Agron. Trop. Nogent, 4: 379-404.

ORY151 Portères, R. Le riz vivace de l'Afrique (Oryza barthii A.
1949 Chev.). Agron. Trop. Nogent, 4: 5-24.

ORY152 Portères, R. Articulation intraspecifique homologue et
1950 origine monophyletique de chacune des especes Oryza sativa L. et O. glaberrima St. Rev. Bot. Appl. Agric. Trop., 30: 147-156.

ORY153 Portères, R. Historique sur les premiers echantillons
1955 d'Oryza glaberrima St. recueillis en Afrique. J. Agric. Trop. Bot. Appl., 2: 535-537.

ORY154 Portères, R. Taxonomie agrobotanique des riz cultives O.
1956 sativa Linne. et O. glaberrima Steudel. J. Agric. Trop. Bot. Appl., 3: 341-384, 541-580, 627-700, 821-856.

ORY155 Ram, J. & Panwar, D.V.S. Intraspecific divergence in rice.
1970 Indian J. Genet. Plant Breed., 30: 1-10.

ORY156 Ramiah, K. & Ghuse, L.M. Origin and distribution of
1951 cultivated plants of South Asia. Rice. Indian J. Genet. Plant Breed., 2: 7-13.

ORY157 Rice Genetics and Cytogenetics. Proceedings of the
1964 symposium on rice genetics and cytogenetics, Los Banos, February 4-8, 1963. Amsterdam, Elsevier. 274pp.

ORY158 Richharia, R.H. Origins of cultivated rices. Indian J.
1960 Genet. Plant Breed., 20: 1-14.

ORY159 Richharia, R.H., Govindaswami, S. & Gaosh, A.K.
1966 Introgression between O. perennis and O. sativa. A cause of variation in O. sativa var. spontanea (O. rufipogon) of Assam (India). Riso, Milano, 15: 183-191.

ORY160 Roschevica, R.J. {A contribution to the knowledge of rice.}
1931 Trudy Prikl. Bot. Genet. Selek., 27(4): 1-133. (In Russian with English summary)

ORY161 Roy, J.K. Anatomical studies in the genus Oryza: 4. Inter-
1966 relationships of some Oryza species as shown by anatomical characters. Oryza, 3: 86-95.

ORY162 Roy, J.K. The rice germplasm programme of India. Plant
1979 Genet. Resour. Newsl., 37: 4-5.

ORY163 Roy, S.C. A preliminary classification of wild rices of
1921 C.P. and Berar. Agric. J. India, 16: 365-380.

ORY164 Roy, S.K. Interaction between rice varieties. J. Genet.,
1960 57: 137-152.

ORY165 Sajo, Z. {Results of examinations on an assortment of
1964 hundred domestic and foreign rice varieties.} Agrobotanika, 6: 63-95. (In Hungarian)

ORY166 Sampath, S. The genus Oryza: its taxonomy and species
1962 interrelationships. Oryza, 1: 1-29.

ORY167 Sampath, S. The species ancestral to cultivated rice.
1964 Curr. Sci., 7: 205-207.

ORY168 Sampath, S. The genus Oryza: an evolutionary perspective.
1966 Oryza, 3: 30-34.

ORY169 Sampath, S. Origins of cultivated rices. Indian J. Genet.
1973 Plant Breed., 33: 157-161.

ORY170 Sampath, S. & Govindaswamy, S. Wild rices of Orissa - their
1958 relationship to cultivated varieties. Rice News Teller, 6: 17-20.

ORY171 Sampath, S. & Rao, M.B.V.N. Interrelationships between
1951 species in the genus Oryza. Indian J. Genet. Plant Breed., 11: 14-17.

ORY172 Sampath, S. & Seetharaman, R. The formation of geographical
1962 races in the cultivated rice O. sativa. Rice News Teller, 10: 17-19.

ORY173 Sano, Y., Morishima, H. & Oka, H. Intermediate perennial-
1980 annual populations of Oryza perennis found in Thailand and their evolutionary significance. Bot. Mag., Tokyo, 93: 291-305.

ORY174 Sastry, N.S. & Subramanyam, M.D. Application of biometrical
1966 techniques to taxonomy of Oryza. 1. Discrimination between O. eichingeri, O. officinalis, and O. minuta. Oryza, 3: 58-70.

ORY175 Second, G. Origin of the genic diversity of cultivated rice
1982 (Oryza spp.): study of the polymorphism scored at 40 isozyme loci. Jap. J. Genet., 57: 25-57.

ORY176 Shahi, B.B., Morishima, H. & Oka, H.I. Variations in
1968 peroxidase, acid phosphatase and esterase isozymes of wild and cultivated Oryza species. Ann. Rep. Nat. Inst. Genet., (Japan) p.42-43.

ORY177 Sharma, S.D. & Shastry, S.V.S. Taxonomic studies in genus
1965 Oryza L. 1. Asiatic types of O. sativa complex. Indian J. Genet. Plant Breed., 25: 245-259.

ORY178 Sharma, S.D. & Shastry, S.V.S. Taxonomic studies in genus
1965 Oryza L. 2. Some nomenclatural confusions. Bull. Bot. Surv. India, 6: 211-218.

ORY179 Sharma, S.D. & Shastry, S.V.S. Taxonomic studies in genus
1965 Oryza L. 3. O. rufipogon Griff. sensu stricto and O. nivara Sharma et Shastry nom. nov. Indian J. Genet. Plant Breed., 25: 157-167.

ORY180 Sharma, S.D. & Shastry, S.V.S. Taxonomic studies in genus
1965 Oryza L. 6. A modified classification. Indian J. Genet. Plant Breed., 25: 173-178.

ORY181 Sharma, S.D. & Steele, W.M. Collection and conservation of
1978 existing rice species and varieties of Africa. In Buddenhagen, I.W. & Persley, G.J., eds. Rice in Africa. London, Academic Press, p.61-68.

ORY182 Sharma, S.D., Vellanki, J.M.R., Hakim, K.L. & Singh, R.K.
1971 Primitive and current cultivars of rice in Assam - a rich source of valuable genes. Curr. Sci., 40: 126-128.

ORY183 Shastry, S.V. S. A new approach to the study of rice
1964 karyomorphology. In IRRI. Rice genetics and cytogenetics. Amsterdam, Elsevier Publishing, p.62-67.

ORY184 Shastry, S.V.S. & Sharma, S.D. Rice. In Hutchinson, J.B.,
1974 ed. Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.55-61.

ORY185 Shastry, S., Sharma, D. & Rao, R.D. Pachytene analysis of
1961 Oryza. 3. Meiosis in an intersectional hybrid O. sativa x O. officinalis. Nucleus, Calcutta, 4: 67-80.

ORY186 Sinha, M.K., Banerjee, S.P. & Seetharaman, R. Genetic
1977 divergence and evolutionary trends in cultivated rice. Riso, 26: 23-34.

ORY187 Sjamsudin, E., Andani, S. & Nasution, A.H. Multivariate
1971 classification of some rice (Oryza sativa L.) varieties and strains based on yield components. Bogor, Bag. Biometrika IPB. 9pp.

ORY188 Sokolova, I.I. {Systematics of the genus Oryza L.} Trudy
1969 Prikl. Bot. Genet. Selek., 41(2): 117-147. (In Russian)

ORY189 Spencer, J.E. The migration of rice from mainland Southeast
1963 Asia into Indonesia. In Barrau, J., ed. Plants and the migration of Pacific peoples. Honolulu, Bishop Museum Press, p.83-89.

ORY190 Srivastava, D.P., Prasad, S.C. & Sinha, P.N. Primitive
1978 cultivated rices and wild relatives from the Chhotanagpur region of southern Bihar, India. Int. Rice Research Newsl., 3: 6-7.

ORY191 Swamy Rao, T., Goud, J.V. & Panchakshraiah, S. A study of
1974 genetic variability in the genetic stock of paddy. Gent. Iber., 26-27: 113-121.

ORY192 Tateoka, T. Species of the genus Oryza. Nat. Sci. Mus.
1962 Japan, 29: 73-84.

ORY193 Tateoka, T. Taxonomic studies of Oryza. 1. O. latifolia
1962 complex. Bot. Mag., Tokyo, 75: 418-427.

ORY194 Tateoka, T. Taxonomic studies of Oryza. 2. Several species
1962 complexes. Bot. Mag., Tokyo, 75: 455-461.

ORY195 Tateoka, T. Taxonomic studies of Oryza. 3. Key to the
1963 species and their enumeration. Bot. Mag., Tokyo, 76: 165-173.

ORY196 Tateoka, T. Taxonomic studies of the genus Oryza. In IRRI.
1964 Rice Genetics and cytogenetics. Amsterdam, Elsevier Publishing, p.15-21.

ORY197 Tateoka, T. Taxonomy and chromosome numbers of African
1965 representatives of the Oryza officinalis complex. Bot. Mag., Tokyo, 78: 198-201.

ORY198 Ting, Y. Wild rice of Kwanttung and new variety bred from
1933 the hybrids of wild rice with the cultivated rice. Agron. Bull. Coll. Agric. Sun Yatsen Univ. Ser. 3. No.3., p.24.

ORY199 Ting, Y. {Origination of the rice cultivation in China.}
1949 Sun Yatsen University Agron. J., 7: 1-18. (In Chinese. English summary)

ORY200 Ting, Y. {The origin and differentiation of cultivated rice
1957 in China.} Acta Agr. Sinica, 8: 243-260. (In Chinese. English summary)

ORY201 Toll, J., Anishetty, N.M. & Ayad, G. Directory of germplasm
1980 collections, 3: Cereals, 3. Rice. Rome, IBPGR. 20pp.

ORY202 USDA/USAID. Rice in West Africa. Washington, D.C.
1968

ORY203 Vairavan, S., Siddiq, E.A., Arunchalam, V. & Swaminathan
1973 M.S. et al. A study on the nature of genetic divergence in rice from Assam and North East Himalayas. Theor. Appl. Genet., 43: 213-221.

ORY204 Vasconcellos, J. de C. Origin of rice. Rev. Agron., Lisb.,
1946 34: 1-12.

ORY205 Vaughan, D.A. Field notes and comments on the "Oryza
1980 latifolia complex" in Asia. IBPGR Southeast Asian Newsl., 4, no.2: 5.

ORY206 Vaughan, D.A. & Chang, T.T. Genetic diversity in rice
1980 germplasm. Plant Genet. Resour. Newsl., 42: 2-6.

ORY207 Watabe, T., Akihama, T. & Kinoshita, O. The alteration of
1970 cultivated rice in Thailand and Cambodia. Tonan Ajia Kenkyu, 8: 36-46.

ORY208 Williams, J.T. Genetic resources of African rice. Int. Rice
1978 Comm. Newsl., 27: 1-3.

ORY209 Wolff, A. Plants in the bank. Rockefeller Foundation
1981 Illus., 5: 8-10.

ORY210 Wu, M.S. {Distribution of wild rice in Guangxi Province,
1981 China.} Hereditas, China. 3: 36-37. (In Chinese)

ORY211 Yeh, B. & Henderson, M.T. Cytogenetic relationship between
1961 cultivated rice, Oryza sativa L. and five wild diploid forms of Oryza. Crop Sci., 1: 445-450.

ORY212 Yeh, B. & Henderson, M.T. Cytogenetic relationship between
1962 African annual diploid species of Oryza and cultivated rice O. sativa L. Crop Sci., 2: 463-464.

Other relevant references :

B165,D95,D121,D128,D144,J40,J41,J101,J136,J171,J199,L92,L93,L94,L141, L159,M28,M35,M47,M75,M76,M77,M96,M140,N4,N5,N6,N7,N55,N96,P17,Q27,Q28, Q41,Q118,S12,S14,S17,S40,CER13

SECALE

SEC1 Antropov, V. & Antropov, V. {Rye in USSR and in the
1929 adjoining countries.} Trudy Prikl. Bot. Genet. Selek., 36: 12-365. (In Russian)

SEC2 Antropova, V.F. {History of rye cultivation.} Trudy Prikl.
1975 Bot. Genet. Selek., 55: 134-156. In Russian. English summary)

SEC3 Arens, L.E. {On the history of the discovery of wild
1963 perennial rye in the North Caucasus.} Bjull. Glavnogo Bot. Sada, 49: 115-117. (In Russian)

SEC4 Bismark, S. Zur Kenntnis des Genpools beim Roggen.
1973 Tagungsber. Akad. Landwirtschaftswiss. Deutschen Demok. Rep. No.122, p.253-262.

SEC5 Dedio, W., Kaltsikes, P.J. & Larter, E.N. Numerical
1969 chemotaxonomy in the genus Secale. Can. J. Bot., 47: 1175-1180.

SEC6 Evans, G.M. Rye. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.108-111.

SEC7 Golubovskaya, I.N., Mezhlumov, F. & Shkutina, F.M.
1975 {Cytogenetic analysis of an intergeneric hybrid of cereals Secale segetale Zhuk. (2n = 14) x Aegilops triuncialis L. (2n = 28).} Genetika, 11: 5-10. (In Russian)

SEC8 Helbaek, H. The origin and migration of rye, Secale
1971 cereale L., a palaeoethnobotanical study. In Davis, P.H, Harper, P.C. & Hedge, I.C., eds. Plant life of South-West Asia. Edinburgh, Botanical Society of Edinburgh, p.265-280.

SEC9 Helbaek, H. The Fyrkat grain. A geographical and chrono-
1977 logical study of rye. In Olsen, O., Roesdahl, E. & Schmidt, H.W. Fyrkat. En jysk vikingeborg. Copenhagen, Nordiske Fortidsminder, Serie B - in quarto. Bind 3. Udgivetaf Det Kgl. Nordiske Oldskriftselskab, p.[1]-[41].

SEC10 Hrishi, N., Muntzing, A. & Ramulu, K.S. Further data on
1969 structural heterozygosity in a strain of Secale kuprijanovii. Hereditas, 62: 339-347.

SEC11 Ivanov, A.P. & Jakovlev, G.V. {On the problem of
1971 classification of the genus Secale L.} Trudy Prikl. Bot. Genet. Selek., 44: 3-38. (In Russian)

SEC12 Jain, S.K. Cytogenetics of rye (Secale spp.). Bibliogr.
1960 Genet., 19: 1-86.

SEC13 Khush, G.S. Cytogenetic and evolutionary studies in Secale.
1962 2. Interrelationships of the wild species. Evolution, Lancaster, Pa., 16: 484-496.

SEC14 Khush, G.S. Cytogenetic and evolutionary studies in Secale.
1963 3. Cytogenetics of weedy ryes and origin of cultivated rye. Econ. Bot., 17: 60-71.

SEC15 Khush, G.S. Cytogenetic and evolutionary studies in Secale.
1963 4. Secale vavilovii and its biosystematic status. Z. Pflanzenzucht., 50: 34-43.

SEC16 Khush, G.S. & Stebbins, G.L. Cytogenetic and evolutionary
1961 studies in Secale. 1. Some new data on the ancestry of S. cereale. Am. J. Bot., 43: 723-730.

SEC17 Kobylyanskii, V.D. {Results of research on rye}. Trudy
1969 Prikl. Bot. Genet. Selek., 41(1): 66-77. (In Russian)

SEC18 Kobylyanskii, V.D. {The systematics and phylogeny of the
1975 genus Secale L.) Byull. Vses. Inst. Rastenievod, 48: 64-71.

SEC19 Kobylyanskii, V.D. {Origin and distribution of rye.}
1979 Byull. Vses. Inst. Rastenievod., 91: 26-32. (In Russian)

SEC20 Kobylyanskii, V.D. {Principles of a natural classification
1981 for the genus Secale L.} Byull. Vses. Inst. Rastenievod., 106: 45-48. (In Russian, English summary)

SEC21 Kostoff, D. {Interspecific hybrids in Secale L.}. Dokl.
1937 Akad. Nauk SSSR, 14: 213-214. (In Russian)

SEC22 Kranz, A.R. Populationsgenetische Untersuchungen am
1957 iranischen Primitivroggen. Z. Pflanzenzucht, 38: 101-146.

SEC23 Kranz, A.R. Cytological studies and genetic observations in
1961 the hybrids of Secale cereale L. and Secale vavilovii Grossh. Zuchter, 31: 219-225.

SEC24 Kranz, A.R. Beitrage zur cytologischen und genetischen
1963 Evolutionsforschung an der Roggen. Z. Pflanzenzucht, 50: 44-58.

SEC25 Kranz, A.R. Cytogenetik der B-Chromosomen. 2. Mitotische
1971 und meiotische Assoziationen in wilden und primitiven Roggen. Z. Pflanzenzucht, 66: 317-330.

SEC26 Kranz, A.R. Wild and primitive rye-alien genetic material
1973 in wheat and rye breeding. Proc. 4th Int. Wheat Genet. Symp., 167-172.

SEC27 Kranz, A.R. Wildarten und Primitivformen des Roggens
1973 (Secale L.). Z. Pflanzenzucht, 3: 5-60.

SEC28 Kubiczek, R., Luczak, W. & Molski, B. Protein resources of
1981 wild Secale species. Kulturpflanze, 29: 159-167.

SEC29 Kuckuck, H. & Peters, R. Genetische Untersuchungen uber die
1967 Selbstfertilitat bei Secale vavilovii Grossh. und Secale cereale L. var. Dakold im Hinblick auf Probleme der Zuchtung und Phylogenie. Z. Pflanzenzucht, 57: 167-188.

SEC30 Lundqvist, A. The origin of self-incompatibility in rye.
1960 Hereditas, 46: 1-19.

SEC31 Muntzing, A. Accessory chromosomes in rye populations from
1950 Turkey and Afghanistan. Hereditas, 36: 507-509.

SEC32 Muntzing, A. Effects of accessory chromosomes of rye in the
1973 gene environment of hexaploid wheat. Hereditas, 74: 41-56.

SEC33 Nurnberg-Kruger, U. Cytogenetische Untersuchungen an der
1960 Gattung Secale L. Z. Pflanzenzucht, 44: 63-72.

SEC34 Puchalski, J. & Molski, B. Isoenzyme variation within the
1981 wild Secale L. species. Kulturpflanze, 29: 391-399.

SEC35 Riley, R. The cytogenetics of the differences between some
1955 Secale species. J. Agric. Sci., 46: 377-383.

SEC36 Roschevitz, R.I. {Monographie of the genus Secale L.}.
1947 Acta. Inst. Bot. Nomine V.L. Komarovii Acad. Sci. URSS, 6: 105-163. (In Russian)

SEC37 Sencer, H.A. & Hawkes, J.G. On the origin of cultivated rye.
1980 Biol. J. Linn. Soc., 13: 299-313.

SEC38 Sinskaja, E.N. & Borkovskaja, V.A. {Studies on the
1964 populations of wild Caucasian rye.} Trudy Prikl. Bot. Genet. Selek., 36(2): 140-179. (In Russian)

SEC39 Stutz, H.C. A cytogenetic analysis of the hybrid Secale
1957 cereale L. x Secale montanum Guss. and its progeny. Genetics, Princeton, 42: 199-221.

SEC40 Stutz, H.C. On the origin of cultivated rye. Am. J. Bot.,
1972 59: 59-70.

SEC41 Suneson, C.A., Rachie, K.O. & Khush, G.S. A dynamic
1969 population of weedy rye. Crop Sci., 9: 121-124.

SEC42 Vavilov, N.I. {On the origin of the cultivated rye.} Trudy
1917 Prikl. Bot. Genet. Selek., 10: 561-590. (In Russian)

SEC43 Vavilov, N.I. {Problems of the geography, phylogeny and
1962 selection of wheat and rye. Plant resources and problems in the systematics of cultivated plants.} In Vavilov, N.I. Selected works. vol.3. Moscow, Leningrad, Izdat Akad. Nauk. USSR. 503pp. (In Russian)

SEC44 Zeist, W. van. Two early rye finds from the Netherlands.
1976 Acta Bot. Neerland, 25: 71-79.

Other relevant references :

D57,D60,J132,K59,K60,K68,N75,Q41,Q43,Q52,Q84,CER7,AVE58,TRI232,TRI265

SORGHUM

SOR1 Anishetty, N.M., Ayad, W.G. & Toll, J. Directory of
1981 germplasm collections, 3: Cereals, 4. Sorghum and Millets. Rome, IBPGR. 37pp.

SOR2 Arunachalan, V. Further studies on the classification of
1966 some genetic stocks of Sorghum by the multiple range test. Sorghum Newsl., 9: 19-20.

SOR3 Arunachalan, V., Saxena, M.B.L. & Murthy, B.R. A
1965 preliminary classification of some genetic stocks of Sorghum by multiple range test. Sorghum Newsl., 8: 18-21.

SOR4 Ayyangar, G.N.R. The description of crop plant characters
1942 and their ranges of variation. IV. The variability of Indian Sorghum. Indian J. Agric. Sci., 12: 527-563.

SOR5 Ayyangar, G.N.R. et al. The grain sorghums of the durra
1936 group. Proc. Indian Acad. Sci. Sect. B, 15: 133.

SOR6 Ayyangar, G.N.R. & Rao, V.P. Sorghum papyrescens. Stapf.
1936 J. Indian Bot. Soc., 15: 139.

SOR7 Ball, C.R. The kaoliangs, a new group of grain sorghums.
1913 U.S. Dep. Agric. Bur. Plant Industry, Bulletin no. 253.

SOR8 Borgaonkar, D.S. Cytology of some interspecific sorghum
1962 hybrids. Sorghum Newsl., 5: 47.

SOR9 Bouchet, P. Les mils et sorghas dans la Republique du Mali.
1963 Agron. Trop., 18: 85-107.

SOR10 Brooke, C. The durra complex in the Central Highlands of
1958 Ethiopia. Econ. Bot., 12: 192-204.

SOR11 Brown, M.S. Haploid plants in sorghum. J. Hered., 34: 163.
1943

SOR12 Celarier, R.P. Cytotaxonomic notes on subsection Halepense
1958 of the genus Sorghum. Bull. Torrey Bot. Club, 85: 49-62.

SOR13 Celarier, R.P. Cytotaxonomy of the Andropogoneae III.
1958 Subtribe Sorgheae, genus Sorghum. Cytologia, 23: 395-418.

SOR14 Chandon, S., Sidhu, G.S. & Dhillon, G.S. Some observations
1966 of the world collection of sorghum germ plasm at Ludhiana, Punjab, India. Sorghum Newsl., 9: 25.

SOR15 Chandrasekariah, S.R. & Murty, B.R. Species differentiation
1964 in Sorghum. Sorghum Newsl., 7: 26-27.

SOR16 Chin, T.C. The cytology of polyploid sorghum. Am. J. Bot.,
1946 33: 611.

SOR17 Clark, J.D. & Stemler, A. Early domesticated sorghum from
1975 central Sudan. Nature, Lond., 254: 588-591.

SOR18 Curtis, D.L. Sorghum in West Africa. Field Crop Abstr.,
1965 18: 145.

SOR19 Curtis, D.L. The races of sorghum in Nigeria. Exper.
1967 Agric., 3: 375.

SOR20 Damon, E.G. The cultivated sorghums of Ethiopia. Exp. Sta.
1962 Bull. Imp. Ethiopian Coll. Agric. Mech., Arts: 6.

SOR21 Doggett, H. Tetraploid varieties of Sorghum vulgare.
1957 Nature, Lond., 179: 786.

SOR22 Doggett, H. Fertility improvement in autotetraploid Sorghum.
1964 I. Cultivated autotetraploids. Heredity, Lond., 19: 403-417.

SOR23 Doggett, H. The development of the cultivated sorghums. In
1965 Hutchinson, J.B., ed. Essays on crop plant evolution. Cambridge, Cambridge University Press, p.50-69.

SOR24 Doggett, H. Sorghum. London, Longmans. 387pp.
1970

SOR25 Doggett, H. Sorghum. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.112-117.

SOR26 Duara, B.N. & Stebbins, G.L. Jr. A polyhaploid obtained
1952 from a hybrid derivative of Sorghum halepense x S. vulgare var. sudanense. Genetics, Princeton, 37: 369-374.

SOR27 Endrizzi, J.E. Cytological studies of some species and
1957 hybrids in the Eu-sorghums. Bot. Gaz., 119: 1-10.

SOR28 Favarov, A.M. & Haenselman, P.S. Investigation of hybrids
1934 of sorghum and Sudan grass. Herbage Reviews, Aberystwyth, U.K., 2: 143.

SOR29 Frederiksen, R.A. & Rosenow, D.T. A model for evaluation of
1974 genetic vulnerability of Sorghum bicolor to disease. Proc. Am. Phytopathol. Soc., 1: 57.

SOR30 Ganga Prasad Rao, N. Genotype x environment interaction in
1970 grain sorghum. Indian J. Genet. Plant Breed., 30: 75-80.

SOR31 Ganga Prasad Rao, N. et al. Self-incompatibility in grain
1971 sorghums. Indian J. Genet. Plant Breed., 31: 153-155.

SOR32 Ganga Prasad Rao, N. & House, L.R., eds. Sorghum in
1972 seventies. Proc. Symp. at Hyderabad, 27-30 Oct., 1971. New Delhi & Oxford. 638pp.

SOR33 Ganga Prasad Rao, N. & Murty, U.R. Further studies on
1972 obligate apomixis in grain sorghum. Indian J. Genet. Plant Breed., 32: 379-383.

SOR34 Garber, E.D. A cytological study of the genus Sorghum. sub-
1944 sections Para-Sorghum and Eu-Sorghum. Am. Nat., 78: 89-96.

SOR35 Garber, E.D. Cytotaxonomic studies in the genus Sorghum.
1951 Univ. Calif. Publ. Bot., 23: 283-346.

SOR36 Garber, E.D. Cytotaxonomic studies in the genus Sorghum:
1954 III. The polyploid species of the subgenera Parasorghum and Stiposorghum. Bot. Gaz., 115: 336.

SOR37 Garber, E.D. & Snyder, L.A. Cytotaxonomic studies in the
1951 genus Sorghum: II. Two new species from Australia. Madrono, 11: 6.

SOR38 Gebrekidan, B. The importance of the Ethiopian Sorghum
1973 germplasm in the World Sorghum Collection. Econ. Bot., 27: 442-445.

SOR39 Govila, O.P. et al. A study of the adequacy of some
1966 characters for the classification of the genus Sorghum. Sorghum Newsl., 9: 21.

SOR40 Grassl, C.O. Classification of Sorghum, section Sorghum.
1962 Sorghum Newsl., 5: 85.

SOR41 Hadley, H.H. Cytological relationship between Sorghum
1953 vulgare and S. halepense. Agron. J., 45: 139.

SOR42 Hadley, H.H. Chromosome number, fertility and rhizome
1958 expression of hybrids between grain sorghum and Johnson grass (Sorghum halepense). Agron. J., 50: 278.

SOR43 Harlan, J.R. Genetic resources in Sorghum. In Rao, N.G.P.
1972 & House, L.R., eds. Sorghum in the seventies, New Delhi.

SOR44 Harlan, J.R. & Stemler, A. The races of sorghum in Africa.
1976 In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.465-484.

SOR45 Harlan, J.R. & Wet, J.M.J. de. A simplified classification
1972 of cultivated sorghum. Crop Sci., 12: 172-176.

SOR46 Harlan, J.R. & Wet, J.M.J. de. Sympatric evolution in
1974 sorghum. Genetics, 78: 473-474.

SOR47 House, L.R. The world collections of sorghums and millets.
1973 In Hawkes, J.G. & Lange, W., eds. European and regional gene banks. Wageningen, Eucarpia, p.84-86.

SOR48 Hulse, J.H., Laing, E.M. & Pearson, O.E. Sorghum and
1980 millets: their composition and nutritive value. London, Academic Press. 997pp.

SOR49 Ivanyukovich, L.K. {History and origin of sorghum.} Bot.
1980 Zh., 65: 1014-1020. (In Russian)

SOR50 Ivanyukovich, L.K. Specific and intraspecific classification
1981 of Sorghum species of the ser. Bicoloria (Snowd.) Ivanjuk. et Doron. and of the ser. Caffra (Snowd.) Ivanjuk. et Doron. comprised in the genus Sorghum Moench. Kulturpflanze, 29: 273-286.

SOR51 Ivanyukovich, L.K. & Doronina, J.A. {A key for the
1978 determination of cultivated species of the genus Sorghum Moench.} Trudy Prikl. Bot. Genet. Selek., 63: 48-53. (In Russian)

SOR52 Ivanyukovich, L.K. & Hammer, K. Bemerkungen zu einigen
1976 kultivierten Sorghum Sippen auf der Grundlage ihrer Korrelationsstruktur. Kulturpflanze, 24: 191-204.

SOR53 Kidd, H.J. Haploid and triploid Sorghum. J. Hered., 43:
1952 204.

SOR54 Krishnaswamy, N. & Ayyangar, G.N. Note on Sorghum stapfii
1940 C.E.C. Fischer. Curr. Sci., 9: 461.

SOR55 Laubscher, F.X. A genetic study of sorghum relationships.
1945 Union S. African Dep. Agric. Forestry. Sci. Bull. 242.

SOR56 Liang, G.H.L. & Casady, A.J. Quantitative presentation of
1966 the systematic relationships among twenty-one Sorghum species. Crop Sci., 6: 76.

SOR57 Maclay, W.D. Grain sorghum utilization research. 1st Grain
1959 sorghum Res. and Util. Conf., p.13.

SOR58 Magoon, M.L. & Ramanna, M.S. Cytology of some "Eusorghums".
1961 Genet. Iber., 13: 129.

SOR59 Magoon, M.L. & Shambulingappa, K.G. Karyomorphology of
1961 Sorghum propinquum and its bearing on the origin of 40-chromosome sorghum. Chromosoma, 12: 460.

SOR60 Magoon, M.L., Sudasivaiah, R.S. & Tayyab, M.A. Cytogenetic
1967 studies in the sub-section Halepensia of the genus Sorghum. Zuchter, 37: 221.

SOR61 Malm, N.R. Exotic germplasm in grain sorghum improvement.
1968 Crop Sci., 8: 295.

SOR62 McClure, W.J. & Weibel, D.E. Chromosome associations of
1966 hybrids between diploid and tetraploid sorghums. Am. Soc. Agron., Abstr. Ann. Meet. 1966, Okla. State Univ. p.12.

SOR63 Mengesha, M.H., Prasada Rao, K.E. & Appa Rao, S. Sorghum
1982 and millets genetic resources at ICRISAT. Plant Genet. Resour. Newsl., 51: 21-26.

SOR64 Mu'Allem, AB,S. Sorghum germplasm in PDR Yemen. Plant
1981 Genet. Resour. Newsl., 47: 9-13.

SOR65 Murty, B.R. 1st, 2nd, 3rd and 4th annual reports of the
1964-67 scheme "Cataloguing and classifying genetic stocks of Sorghum". Division of Genetics, IARI, Delhi.

SOR66 Murty, B.R. Analysis of divergence in a world collection of
1966 Sorghum and Pennisetum. African Soils, 11: 453-462.

SOR67 Murty, B.R. The pattern of divergence and distribution of
1966 desirable alleles in a world collection of Sorghum. Sorghum Newsl., 9: 17-19.

SOR68 Murty, B.R. et al. Classification and catalogue of a world
1967 collection of Sorghum. Indian J. Genet. Plant Breed., 27: 1.

SOR69 Murty, B.R. & Arunachalam, V. Factor analysis of genetic
1967 diversity in the genus Sorghum. Indian J. Genet. Plant Breed., 27:

SOR70 Murty, B.R. & Ram, J. Pattern of anthocyanin pigments in a
1966 world collection of Sorghum. Indian J. Genet. Plant Breed., 26: 246-254.

SOR71 Pi, C.P. & Tsai, H. Studies on polyploidy in Sorghum·
1964 tetraploids of S. virgatum - S. vulgare crosses. Sorghum Newsl., 7: 6.

SOR72 Piedallu, A. Le sorgho, son histoire, ses applications.
1923 Paris, Challamel.

SOR73 Pritchard, A.J. Aneuploidy in Sorghum almum Parodi and
1965 Sorghum halepense (L.) Pers. Aust. J. Agric. Res., 16: 517.

SOR74 Rachie, K.O. The collection, maintenance and evaluation of
1963 Sorghum and millets germplasm in India. Plant Genet. Resour. Newsl., 12: 3-4.

SOR75 Rana, B.S. & Murty, B.R. Genetic divergence and phenotypic
1971 stability for some characters in genus Sorghum. Indian J. Genet. Plant Breed., 31: 345-356.

SOR76 Ross, W.M. & Webster, O.J. Culture and use of grain
1970 sorghum. U.S. Dep. Agric., Agric. Handb. no.385. 30pp.

SOR77 Saxena, M.B.L., Murty, B.R. & Arunachalam, V. Variability
1964 in flowering in some geographical groups of Sorghum. Sorghum Newsl., 7: 21-22.

SOR78 Scheuring, J.F., Miller, F.R. & Kimber, C.T. Archeological,
1978 geographical, historical and genetic evidence for the Indian origin of African grain sorghum. [Abstract] Agron. Abstr. Madison, USA. p.6.

SOR79 Shambulingappa, K.G. & Magoon, M.L. Cytomorphological
1963 studies in the genus Sorghum. Indian J. Genet. Plant Breed., 23: 275-289.

SOR80 Sharma, A.K. & Bhattacharjee, D. Chromosome studies in
1957 Sorghum. Cytologia, Tokyo, 22: 287-311.

SOR81 Shechter, Y. Biochemical-systematic studies in Sorghum
1975 bicolor. Bull. Torrey Bot. Club, 102: 334-339.

SOR82 Shechter, Y. & Wet, J.M.J. de. Comparative electrophoresis
1975 and isozyme analysis of seed proteins from cultivated races of sorghum. Am. J. Bot., 62: 254-261.

SOR83 Simon, B.K. Naturalized fodder sorghums in Queensland, and
1979 their role in shattering in grain sorghum. Queensl. J. Agric. Anim. Sci., 36: 71-86.

SOR84 Snowden, J.D. The cultivated races of Sorghum. Adlard.
1936 U.S. Dep. Agric. Tech. Bull. no.51.

SOR85 Snowden, J.D. The wild fodder sorghums of the genus Eu-
1955 sorghum. J. Linn. Soc. Bot., 55: 191-260.

SOR86 Snowden, J.D. The classification and nomenclature of
1961 Sorghum, section Sorghum. Sorghum Newsl., 4: 67.

SOR87 Snowden, J.D. Classification of Sorghum, section Sorghum.
1963 Sorghum Newsl., 6: 61.

SOR88 Stemler, A.B.L., Harlan, J.R. & Wet, J.M.J. de. Evolutionary
1975 history of cultivated sorghums (Sorghum bicolor (Linn.) Moench) of Ethiopia. Bull. Torrey Bot. Club, 102: 325-333.

SOR89 Stemler, A.B.L., Harlan, J.R. & Wet, J.M.J. de. The sorghums
1977 of Ethiopia. Econ. Bot., 31: 446-460.

SOR90 Thangam, M.S. Studies on the progenies of Sorghum
1963 aethiopicum crossed with cultivated Sorghum. Madras Agric. J., 50: 332.

SOR91 Vignier, P. Les sorghos a grain et leur culture au Soudan
1945 Francais. Rev. Int. Bot. Appl. Agric. Trop., 25: 163-230.

SOR92 Vinal, H.N. & Getty, R.E. Sudan grass and related plants.
1921 U.S. Dep. Agric. Tech. Bull. no.981.

SOR93 Watson, S.A. & Moffet, G.M. The present importance and
1959 bright future of grain sorghums. Cereal Sci. Today, 4: 230.

SOR94 Webster, O.J. Sorghum vulnerability and germplasm
1976 resources. Crop Sci., 16: 553-556.

SOR95 Wet, J.M.J. de. Systematics and evolution of Sorghum sect.
1978 Sorghum (Gramineae). Am. J. Bot., 65: 477-484.

SOR96 Wet, J.M.J. de., & Harlan, J.R. The origin and domestication
1971 of Sorghum bicolor. Econ. Bot., 25: 128-135.

SOR97 Wet, J.M.J. de., & Huckabay, J.P. The origin of Sorghum
1967 bicolor. 2. Distribution and domestication. Evolution, Lancaster, Pa., 21: 787-802.

SOR98 Wet, J.M.J. de, & Schechter, Y. Evolutionary dynamics of
1977 sorghum domestication. In Seigler, D.S., ed. Crop resources. New York, Academic Press, p.179-191.

SOR99 Wet, J.M.J. de., Harlan, J.R. & Kurmorohito, B. Origin and
1972 evolution of Guinea sorghums. East Afric. Agric. For. J., 37: 114-119.

SOR100 Wet, J.M.J. de., Harlan, J.R. & Price, E.G. Origin of the
1970 variability in the spontanea complex of Sorghum bicolor. Am. J. Bot., 57: 704-707.

SOR101 Wet, J.M.J. de, Harlan, J.R. & Price, E.G. Variability in
1976 Sorghum bicolor. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.453-463.

Other relevant references :

C13,D112,J53,J59,J60,J150,L16,N51,N101,P2,Q41,S11,S26,S30,ZEA143,MIL17, MIL42

TRITICUM AND AEGILOPS

TRI1 Aberg, E. Wheats from eastern Tibet. K. Lantbrukshogsk.
1948 Ann., 15: 189-226.

TRI2 Al-Jibouri, H.A. Description and distribution of wheat and
1966 barley varieties grown in Libya. Rome, FAO. 38pp.

TRI3 Andrews, A.C. The genetic origin of spelt and related
1964 wheats. Zuchter, 34: 17-22.

TRI4 Aniol, A. A serological investigation of wheat evolution.
1974 Z. Pflanzenzucht, 73: 194-203.

TRI5 Apel, V.I. & Latypov, A.Z. {On the facts of occurrence of a
1974 new wheat species in Belorussian SSR.} [T.Militnae]. Sb. Nauchn. Tr. Beloruss S-kh. Akad., 129: 18-21. (In Russian)

TRI6 Atai, M. Etude des blés indigenes de l'Iran du point de vue
1966 proprietes agronomiques et botaniques. Université de Téhéran Faculté d'Agriculture. Bull.no.82. 37pp.

TRI7 Ayad, G., Toll, J. & Williams, J.T. Directory of germplasm
1980 collections, 3: Cereals, 1. Wheat. Rome, IBPGR. 28pp.

TRI8 Barber, H.N. Protein genetics of wheat and homologous
1968 relationships of chromosomes. Nature, Lond., 218: 450-452.

TRI9 Bashilov, S.V. {The wheats of the Trans-Baikal region.}
1934 Trudy Prikl. Bot. Genet. Selek., Ser. 5, 2: 1-312. (In Russian)

TRI10 Bassov, A.P. {Early wheats of different countries as
1933 initial material for breeding.} Trudy Prikl. Bot. Genet. Selek., 7: 117-128. (In Russian)

TRI11 Belea, A. & Fejer, O. {Recent data on the origin of wheat
1977 (Triticum L.).} Novenycermeles, 26: 213-221. (In Hungarian. English summary)

TRI12 Belea, A. & Fejer, O. Evolution of wheat (Triticum L.) in
1980 respect to recent research. Acta Agron. Acad. Sci. Hung., 29: 306-315.

TRI13 Bennett, E. FAO Afghanistan wheat collection. Plant
1970 Genet. Resour. Newsl., 23: 3-17.

TRI14 Bennett, E. Wheats of the Mediterranean basin. In
1973 Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. Rome, FAO/IBP, p.1-8.

TRI15 Berlyand-Kozhevnikov, V.M. {Evolution of intraspecific
1980 structure in the process of wheat species domestication.} Trudy Prikl. Bot. Genet. Selek., 67: 95-104. (In Russian, English summary)

TRI16 Berlyand-Kozhevnikov, V.M. & Dorofeev, V.F. {Species and
1976 phylogenetic relationships in the genus Triticum L.} Trudy Prikl. Bot. Genet. Selek., 58: 3-18. (In Russian, English summary)

TRI17 Berlyand-Kozhevnikov, V.M. & Dorofeev, V.F. {Some features
1977 of the evolution of cultivated wheat species.} S-kh. Biol., 12: 860-868. (In Russian, English summary)

TRI18 Boguslavskij, R.J. & Pirov, I.N. {On the phylogenesis of
1980 Triticum petropavlovskyi. Udach. et Migusch.} Trudy Prikl. Bot. Genet. Selek., 67: 12-16.

TRI19 Bozzini, A., et al. An immunochemical approach to species
1970 relationship in Triticum and some related species. Theor. Appl. Genet., 40: 300-304.

TRI20 Bozzini, A. & Giorgi, B. Karyotype analysis in Triticum:
1969 2. Analysis of T. araraticum Jakubz. and T. timopheevi Zhuk. and their relationships with other tetraploid wheats. Caryologia, 22: 261-268.

TRI21 F see TRI 22

TRI22 Brezhnev, D.D., ed., Dorofeev, V.F., compiler. {Wheats of
1976 the world. Species, breeding achievements, present-day problems and breeding material.} Leningrad, Kolos. 487pp. (In Russian)

TRI23 Briggle, L.W. & Reitz, L.P. Classification of Triticum
1963 species and of wheat varieties grown in the United States. U.S. Dep. Agric. Tech. Bull. no.1278. 135pp.

TRI24 Brody, T. & Mendlinger, S. Species relationships and
1980 genetic variation in the diploid wheats (Triticum, Aegilops) as revealed by starch gel electrophoresis. Plant Syst. Evo., 136: 247-258.

TRI25 Bushuk, W. & Kerber, E.R. The role of Triticum carthlicum
1978 in the origin of bread wheat based on gliadin electrophoregrams. Can. J. Plant Sci., 58: 1019-1024.

TRI26 Carlbom, C. Depolyploidzation, evolution and improvement
1969 of hexaploid bread wheat (Triticum aestivum L. em. Thell. ssp. vulgare [Vill., Host.] MacKey). Hereditas, 62, 437-443.

TRI27 Cauderon, Y. & Ryan, G. Aegilops speltoides promotion of
1974 homoeologous pairing in one Triticum aestivum x Agropyron intermedium derivative. Wheat Inf. Serv., 39: 1-5.

TRI28 Chelak, V.R. The phylogeny of Triticum ispahanicum Heslot.
1978 Genetika, 12: 322-330.

TRI29 Chen, K., Gray, J.C. & Wildman, S.G. Fraction 1 protein and
1975 the origin of polyploid wheats. Science, N.Y., 190: 1304-1305.

TRI30 Chennaveeraiah, M.S. Karyomorphologic and cytotaxonomic
1960 studies in Aegilops. Acta Horti, Gotoburg., 23: 85-178.

TRI31 Chennaveeraiah, M.S. Genome analysis in wheat. In
1962 Maheshwari, P., Johri, B.M. & Vasil, I.K., eds. Proc. Summer School Bot., Darjeeling, p.51-59.

TRI32 Ciferri, R. & Bonvicini, M. Revisione delle vechie razze
1960 italiane in rapporto ai frumenti medditerranei. Publ. Inst. Bot. Univ., Pavia, no.17: 383pp.

TRI33 Ciferri, R. & Giglioli, G.R. I cereali dell'Africa italiana.
1939 I: I frumenti dell'Africa Orientale Italiana studiati su materiali originali. Florence, 298pp.

TRI34 Ciferri, R. & Giglioli, G.R. I cereali dell'Africa italiana
1941 III: I frumenti oasicoli del Sahara libico. Florence, 555pp.

TRI35 Coucoli, H.D. & Skorda, E.A. Further evidence of the
1966 karotype of Triticum monococcum L. and Triticum durum Desf. Can. J. Genet. Cytol., 8: 102-110.

TRI36 Craig, I.L. Haploid plants (2n=21) from in vitro anther
1974 culture of Triticum aestivum. Can. J. Genet. Cytol., 16: 697-700.

TRI37 Croston, R.P. & Williams, J.T. A world survey of wheat
1981 genetic resources. Rome, IBPGR. 52pp.

TRI38 Dedio, W., Kaltsikes, P.J. & Larter, E.N. A thin-layer
1969 chromatographic study of the phenolics of Triticale and its parental species. Can. J. Bot., 47: 1589-1593.

TRI39 Dekaprelevich, L.L. Die art Triticum macha Dek. et Men. im
1961 Lichte neuester Untersuchungen uber die Herkunft der hexaploiden Weizen. Z. Pflanzenzucht. 45: 17-30.

TRI40 Dennell, R.W. The phylogenesis of Triticum dicoccum. A
1973 reconsideration. Econ. Bot., 27: 329-331.

TRI41 Dhaliwal, H.S. Origin of Triticum monococcum L. Wheat Inf.
1977 Serv., 44: 14-17.

TRI42 Dhaliwal, H.S. & Johnson, B.L. Anther morphology and the
1976 origin of the tetraploid wheats. Am. J. Bot., 63: 363-368.

TRI43 Dhaliwal, H.S. & Johnson, B.L. Origin of Triticum
1976 zhukovskyi. Wheat Inf. Serv., 41/42: 33-35.

TRI44 Dong, Y.S. {Rare species of Triticum and their use in plant
1979 breeding.} Sci. Agric. Sinica, 3: 1-7. (In Chinese)

TRI45 Dorofeev, V.F. The variability and breeding value of
1968 Armenian wheats. Euphytica, 17: 451-461.

TRI46 Dorofeev, V.F. Spontaneous hybridization in wheat
1969 populations of Transcaucasia. Euphytica, 18: 406-416.

TRI47 Dorofeev, V.F. The wheats of Transcaucasia and their
1969 importance in the evolution of the genus Triticum L. II. Form development in populations of wheat in Transcaucasia. Z. Pflanzenzucht., 62: 201-230.

TRI48 Dorofeev, V.F. Die Weizen Transkaukasiens und ihre
1971 Bedentung in der Evolution der Gattung Triticum L. III Die Spelzweizen Transkaukasiens (T. macha Dek. et Men., T. spelta L. ssp. spelta Dorof., ssp. kuckuckianum Gokg. und ssp. vavilovii Sears.) Z. Pflanzenzucht., 66: 335-360.

TRI49 Dorofeev, V.F. {The wheats of the Transcaucasia (botanical
1972 composition, evolution and role in breeding).} Trudy Prikl. Bot. Genet. Selek., 47(1): 3-202. (In Russian)

TRI50 Dorofeev, V.F. Wild wheat species and their representation
1976 in the VIR world collection. In Proc. of an international symposium held at Leningrad on 14-22 July 1975. Leningrad, Vsesoyuznyi Institut Rastenievodstva. p.17-30. (In Russian and English)

TRI51 Dorofeev, V.F. {Distant hybridisation and polyploidy in
1979 wheat evolution and selection.} S-kh. Biol., 14: 285-296. (In Russian)

TRI52 Dorofeev, V.F. & Kukekov, V.G., eds. Wheat genetic
1976 resources. Proc. of an international symposium held at Leningrad on 14-22 July 1975. Leningrad, Vsesoyuznyi Institut Rastenievodstva. 188pp. (In Russian and English)

TRI53 Dorofeev, V.F. & Migushova, E.F. {Systematics of the genus
1979 Triticum L.} Vestn. S-kh. Nauki, 2: 18-27. (In Russian, English summary)

TRI54 Dosba, F. & Cauderon, Y. Analyse statistique du caryotype
1973 d'Aegilops ventricosa Tausch. Ann. Amelior. Plantes, 23: 133-143.

TRI55 Ducellier, L. Especes et varietes de cereales cultives en
1930 Algerie. Algiers.

TRI56 Dudits, D., Nemet, G. & Haydu, Z. Study of callus growth
1975 and organ formation in wheat (Triticum aestivum) tissue cultures. Can. J. Bot., 53: 957-963.

TRI57 Eig, A. Monographisch-kritische Ubersicht der Gattung
1928 Aegilops. Repert. Spec. Nov. Reg. Veg., Beih. 55: 1-228.

TRI58 Eig, A. Aegilops. In Hannig, E. & Winkler, H., eds. Die
1936 Pflanzenareale, 4. Reihe, Heft 4, Jena, Fischer, p.43-50.

TRI59 Ellerton, S. The origin and geographical distribution of
1939 Triticum sphaerococcum Perc. and its cytogenetical behaviour in crosses with T. vulgare Vill. J. Genet., 38: 307-32[illegible].

TRI60 Erroux, J. Introduction au catalogue des bles durs cultivees
1958 en Algerie. Bull. Soc. Hist. Nat. Afr. Nord., 48: 239-253.

TRI61 Erroux, J. Les bles des oasis sahariennes. Int. Rech.
1962 Sahariennes Alger. Mem. 7. 181pp.

TRI62 Erroux, J. Blés indegenes nord-africains. Plant Genet.
1972 Resour. Newsl., 28: 17-23.

TRI63 Evans, L.T. & Peacock, W.J., eds. Wheat science - today and
1981 tomorrow. Cambridge, Cambridge University Press. 290pp.

TRI64 Feldman, M. Fertility of interspecific F1 hybrids and
1965 hybrid derivatives involving tetraploid species of Aegilops section Pleionathera. Evolution, Lancaster, Pa., 19: 556-562.

TRI65 Feldman, M. Further evidences for natural hybridization
1965 between tetraploid species of Aegilops section Pleionathera. Evolution, Lancaster, Pa., 19: 162-174.

TRI66 Feldman, M. Chromosome pairing between differential genomes
1965 in hybrids of tetraploid Aegilops species. Evolution, Lancaster, Pa., 19: 563-568.

TRI67 Feldman, M. Wheats. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.120-128.

TRI68 Feldman, M. Historical aspects and significance of the
1977 discovery of wild wheats. Stadler Symp., Vol.9. Columbia, University of Missouri, p.121-145.

TRI69 Feldman, M. New evidence on the origin of genome B of
1977 Triticum. Can. J. Genet. Cytol., 19: 572.

TRI70 Feldman, M. & Kislev, M. Aegilops searsii, a new species of
1977 section Sitopsis (Platystachys). Israel J. Bot., 26: 190-201.

TRI71 Feldman, M. & Kislev, M. Aegilops searsii, a new species
1978 from Israel and Jordan. Wheat Inf. Serv., 45/46: 39-40.

TRI72 Feldman, M. & Sears, E.R. The wild gene resources of wheat.
1981 Scient. Am., 244: 102-112.

TRI73 Filatenko, A.A. {To the knowledge of some emmers of the
1971 Transcaucasia.} Trudy Prikl. Bot. Genet. Selek., 46: 97-105. (In Russian)

TRI74 Filatenko, A.A. & Kurkiev, U.K. {A new species - Triticum
1975 sinskajae A. Filat. et Kurk.} Trudy Prikl. Bot. Genet. Selek., 54: 239-241. (In Russian, English summary)

TRI75 Finlay, K.W. Collection of germplasm. In Anderson, R.C.,
1973 ed. Wheat, triticale and barley seminar. El Batan, Mexico, CIMMYT, p.305-307.

TRI76 Finlay, K.W. & Shepherd, K.W., eds. Proceedings of the 3rd
1968 International Wheat Genetics Symposium. Australian Academy of Science, Canberra, Butterworths.

TRI77 Flaksberger, C.A. {A contribution to the study of wild
1926 monococcum and dicoccum and their phylogenetic connection with one another and with cultivated varieties.} Trudy Prikl. Bot. Genet. Selek., 16: 201-234. (In Russian)

TRI78 Flaksberger, C.A. Cereals, wheat. In Wulff, E.V., ed.
1935 Flora of cultivated plants. Moscow, Leningrad, State Agricultural Pub., p.1-404.

TRI79 Fukasawa, H. Results of genome exchange among Aegilops and
1958 Triticum species through successive backcrosses. Wheat Inf. Serv., 7: 24.

TRI80 Gadea, M. Trigos espanoles. Inst. Nac. Invest. Agron.,
1954 Madrid.

TRI81 Galini, M.M. & Witcombe, J.R. Ordination of wheat and
1981 barley in a Himalayan centre of diversity. Pakistan J. Agric. Res., 2: 92-96.

TRI82 Gandilyan, P.A. On the wild growing Triticum species of the
1972 Armenian SSR. Bot. Zh., 57: 173-181.

TRI83 Gandilyan, P.A. {The problem of the origin of Triticum
1974 vavilovii Jakubz.} Pshenitsa, p.68-78. (In Russian, English summary)

TRI84 Gandilyan, P.A. {Aegilops mutica Boiss. in Armenia.} Trudy
1975 Prikl. Bot. Genet. Selek., 54: 245-246. (In Russian, English summary)

TRI85 Gandilyan, P.A. {On the genus Aegilops L. taxonomy and an
1978 identification key to its species.} Biol. Zh. Armenii, 31: 223-232. (In Russian, English summary)

TRI86 Gerlach, W.L., Appels, R., Dennis, E.S. & Peacock, W.J.
1979 Evolution and analysis of wheat genomes using highly repeated DNA sequenes. In Ramanujam, S., ed. Proc. 5th Int. Wheat Genetics Symp. Vol.1. Evolution of wheat - changing concepts. New Delhi, Indian Society of Genetics and Plant Breeding, p.81-91.

TRI87 Giorgi, B. & Bozzini, A. Karyotype analysis in Triticum:
1969 1. Analysis of Triticum turgidum (L.) Thell. and some related tetraploid wheats. Caryologia, 22: 249-259.

TRI88 Giorgi, B. & Bozzini, A. Karyotype analysis in Triticum:
1969 2. Analysis of the presumed diploid progenitors of polyploid wheats. Caryologia, 22: 279-288.

TRI89 Giorgi, B. & Bozzini, A. Karyotype analysis in Triticum:
1969 4. Analysis of (Aegilops speltoides x Triticum boeoticum) amphiploid and a hypothesis on the evolution of tetraploid wheats. Caryologia, 22: 289-306.

TRI90 Giorgi, B. & Bozzini, A. Karyotype analysis in Triticum:
1969 5. Identification of chromosomes of bread and durum wheats using aneuploids of Chinese Spring. Caryologia, 23: 565-574.

TRI91 Giorgi, B., Carluccio, F. & Bozzini, A. Karyotype analysis
1971 in Triticum: 6. Analysis of taxa attributable to the T. timopheevi complex. Caryologia, 24: 317-322.

TRI92 Gokol, M. Die iranischen Weizen. Z. Pflanzenzucht., 45:
1961 315-333.

TRI93 Gokol, M. Das Ursprungsgebiet des Weizens. Getreide Mehl,
1963 13: 80-84.

TRI94 Gorgidze, A.D. {The evolution of wheat.} Soobscenija Akad.
1974 Nauk Gruz. SSR, 75: 689-692. (In Russian)

TRI95 Gorgidze, A.D. & Naskidashvili, P.P. {Georgian centre of
1980 origin of cultivated wheat.} S-kh. Biol., 15: 845-848. (In Russian, English summary)

TRI96 Hall, O., Johnson, B.L. & Olered, R. Evaluation of genome
1966 relationship in wheat from their protein homologies. Hereditas Suppl., 2: 47-54.

TRI97 Hammer, K. Vorarbeiten zur monographischen Darstellung von
1980 Wildpflanzensortimenten: Aegilops L. Kulturpflanze, 28: 33-180.

TRI98 Hammer, K. Zur Taxonomie und Nomenclatur der Gattung
1980 Aegilops L. Feddes Repert., 91: 225-258.

TRI99 Hammer, K., Gorski, M., Hanelt, P., Kuhn, F., Kulpa, W. &
1981 Schultze-Motel, J. Variability of wheat land-races from Czechoslovakia and Poland. Kulturpflanze, 29: 91-97.

TRI100 Harlan, J.R. A wild wheat harvest in Turkey. Archaeology,
1967 20: 197-201.

TRI101 Harlan, J.R. The early history of wheat: earliest traces to
1981 the sack of Rome. In Evans, L.T. & Peacock, W.J., eds. Wheat Science - today and tomorrow. Cambridge, Cambridge University Press, p.1-19.

TRI102 Harlan, J.R. & Zohary, D. Distribution of wild wheats and
1966 barley. Science, N.Y., 153: 1074-1080.

TRI103 Harrington, J.B. et al. A summary of genetic studies in
1946 hexaploid and tetraploid wheats. J. Am. Soc. Agron., 38: 1082-1099.

TRI104 Hart, G.E. Genetical and chromosomal relationships among
1979 the wheats and their relatives. Stadler Symp. 1: 9-30.

TRI105 Hassan, S. Survey and classification of indigenous wheats
1976 in North West Frontier Province of Pakistan. SABRAO J., 8: 159-163.

TRI106 Helbaek, H. Commentary on the phylogenesis of Triticum and
1966 Hordeum. Econ. Bot., 20: 350-360.

TRI107 Hiratsuka, N. Susceptibility of various strains of
1959 varieties of Aegilops squarrosa to yellow rust (Puccinia striiformis), brown rust (P. recondita f. sp. tritici) and black rust (P. graminis f. sp. tritici). Wheat Inf. Serv., 9-10: 34-41.

TRI108 Holm, G. & Frost, S. A preliminary contribution to the
1979 discussion of the origin of bread wheat. Hereditas, 91: 295-296.

TRI109 Hondelmann, W. Report of the International Board for plant
1975 genetic resources. First Meeting. Rome, Italy 20-22 September 1976. Wheat Inf. Serv., 43: 22-30.

TRI110 Hondelmann, W. Wheat germplasm collection, conservation and
1979 utilization through international cooperation. In Ramanujam, S., ed. Proc. 5th Int. Wheat Genetics Symp. Vol.2. Conservation, classification and cataloguing of genetic resources, New Delhi, Indian Society of Genetics and Plant Breeding, p.149-155.

TRI111 IBPGR Wheat collecting 1976-78. Plant Genet. Resour.
1979 Newsl., 37: 6-10.

TRI112 IBPGR Wheat collecting 1978-80. Plant Genet. Resour.
1981 Newsl., 46: 8-14.

TRI113 Jánossy, A., Mándy, G. & Mesch, J. {Agrobotanical
1962 investigation of Hungarian local wheat varieties.} Agrobotanika, 4: 135-157. (In Hungarian)

TRI114 Jánossy, A., Mándy, G. & Mesch, J. {Continuous
1964 investigations on Hungarian landraces of wheat.} Agrobotanika, 6: 15-23. (In Hungarian)

TRI115 Jaaska, V. Aspartate aminotransferase isoenzymes in the
1976 polyploid wheats and their diploid relatives. On the origin of tetraploid wheats. Biochem. Physiol. Pflanzen., 170: 159-171.

TRI116 Jaaska, V.E. NADP-dependant aromatic alcohol dehydrogenase
1978 in polyploid wheats and their diploid relatives. On the origin and phylogeny of polyploid wheats. Theor. Appl. Genet., 53: 209-217.

TRI117 Jain, H.K., Singh, M.P. & Raut, R.N. Genomic
1968 differentiation and RNA synthesis in wheat. Proc. 3rd Int. Wheat Genet. Symp., Canberra, 99-104.

TRI118 Jakubziner, M.M. {The wheats of Syria, Palestine and
1932 Transjordania, cultivated and wild.} Trudy Prikl. Bot. Genet. Selek., supplement 53e. 276pp. (In Russian)

TRI119 Jakubziner, M.M. New wheat species. Proc. 1st Int. Wheat
1958 Genet. Symp. Winnipeg, p.207-217.

TRI120 Jankovic, M. {Some properties of Yugoslav populations of
1980 wheat.} Savremena Poljoprivreda, 28: 151-167. (In Serbo-Croat. English summary)

TRI121 Jenkins, J.A. The origin of cultivated wheat. Can. J.
1966 Genet. Cytol., 8: 220-232.

TRI122 Johnson, B.L. Confirmation of the genome donors of Aegilops
1967 cylindrica. Nature, Lond., 216: 859-862.

TRI123 Johnson, B.L. Tetraploid wheats. Seed protein
1967 electrophoretic patterns of the emmer and timopheevi groups. Science, N.Y., 158: 131-132.

TRI124 Johnson, B.L. Electrophoretic evidence on the origin of
1968 Triticum zhukovskyi. Proc. 3rd Int. Wheat Genet. Symp., Canberra, 105-110.

TRI125 Johnson, B.L. The protein electrophoresis approach to
1968 species relationships in wheat. In Bogart, R. ed. Genetics lectures vol.1. America, Oregon State University Press, p.19-44.

TRI126 Johnson, B.L. Protein electrophoretic profiles and the
1972 origin of the B genome of wheat. Proc. Nat. Acad. Sci. U.S.A., 69: 1398-1402.

TRI127 Johnson, B.L. Seed protein profiles and the origin of the
1972 hexaploid wheats. Am. J. Bot., 59: 952-960.

TRI128 Johnson, B.L. Identification of the apparent B-genome donor
1975 of wheat. Can. J. Genet. Cytol., 17: 21-39.

TRI129 Johnson, B.L., Barnhart, D. & Hall, O. Analysis of genome
1967 and species relationships in the polyploid wheats by protein electrophoresis. Am. J. Bot., 54: 1089-1098.

TRI130 Johnson, B.L. & Dhaliwal, H.S. Reproductive isolation of
1976 Triticum boeoticum and Triticum urartu and the origin of the tetraploid wheats. Am. J. Bot., 63: 1088-1094.

TRI131 Johnson, B.L. & Dhaliwal, H.S. Triticum urartu and genome
1978 evolution in the tetraploid wheats. Am. J. Bot., 65: 907-918.

TRI132 Johnson, B.L. & Hall, O. Analysis of phylogenetic
1965 affinities in the Triticinae by protein electrophoresis. Am. J. Bot., 52: 506-513.

TRI133 Johnson, B.L. & Hall, O. Electrophoretic studies of species
1966 relationships in Triticum. Acta Agric. Scand., 16: 222-224.

TRI134 Johnson, B.L. & Waines, J.G. Use of wild wheat resources.
1977 Calif. Agric., 31: 8-9.

TRI135 Johnson, V.A. & Beemer, H.L. Jr., eds. Wheat in the peoples'
1977 republic of China. Washington, D.C., National Academy of Sciences, CSCPRC report no.6. 190pp.

TRI136 Jorgensen, G. A new contribution concerning the cultivation
1979 of spelt. Archaeo-Physika, 8: 135-145.

TRI137 Kamm, A. Non-brittle types in a wild population of Triticum
1974 dicoccoides Korn in Israel. Israel J. Bot., 23: 43-58.

TRI138 Kandelaki, G.V. On the origin of Triticum macha Dek. et
1967 Men. Genetika, 1: 34-36.

TRI139 Kaschiri, M. {Crossing experiments between wheats of the
1974 emmer series and Aegilops forms of the Sitopsis group, together with a cytogenetic analysis of triploid AEM, BEM, BSit hybrids. 1. A contribution towards the phylogeny of wheat.} Z. Pflanzenzucht, 73: 217-232. (In German)

TRI140 Kerber, E.R. & Rowland, G.G. Origin of the free threshing
1974 character in hexaploid wheat. Can. J. Genet. Cytol., 16: 145-154.

TRI141 Kihara, H. Conjugation of homologous chromosomes in the
1929 genus hybrids Triticum x Aegilops and species hybrids of Aegilops. Cytologia, 1: 1-15.

TRI142 Kihara, H. Considerations on the evolution and distribution
1954 of Aegilops species based on the analyser-method. Cytologia, 19: 336-357.

TRI143 Kihara, H. Fertility and morphological variation in the
1959 substitution and restoration backcrosses of the hybrids, Triticum vulgare x Aegilops caudata. Proc. 10th Int. Genet. Congr. Montreal, 1: 142-171.

TRI144 Kihara, H. Interspecific relationship in Triticum and
1963 Aegilops. Seiken Zihô., 15: 1-12.

TRI145 Kihara, H. The origin of wheat in the light of comparative
1965 genetics. Jap. J. Genet., 40: 45-54.

TRI146 Kihara, H. Factors affecting the evolution of common wheat.
1966 Indian J. Genet. Plant Breed., 26A: 14-28.

TRI147 Kihara, H. Origin of cultivated plants with special
1975 reference to wheat. Seiken Zihô, 25/26: 1-24.

TRI148 Kihara, H. Wheat studies - retrospect and prospects.
1982 Developments in crop science, vol.3. Tokyo, Kodansha Ltd. 308pp.

TRI149 Kihara, H. & Tanaka, M. Morphological and physiological
1958 variation among Aegilops squarrosa strains collected in Pakistan, Afghanistan and Iran. Preslia, 30: 241-251.

TRI150 Kihara, H., Yamashita, K. & Tanaka, M. A new strain of
1956 Triticum polonicum. Wheat Inf. Serv., 4: 3.

TRI151 Kihara, H., Yamashita, K. & Tanaka, M. Morphological,
1965 physiological, genetical and cytological studies in Aegilops and Triticum collected from Pakistan, Afghanistan and Iran. Wheat Inf. Serv., 19-20: 5-8.

TRI152 Kimber, G. The relationships of the S-genome diploids to
1974 polyploid wheats. Wheat Inf. Serv., 38: 1-5.

TRI153 Kimber, G. A reassessment of the origin of the polyploid
1974 wheats. Genetics, Princeton, 78: 487-492.

TRI154 Kimber, G. & Athwal, R.S. A reassessment of the course of
1972 evolution of wheat. Proc. Natl. Acad. Sci., USA, 69: 912-915.

TRI155 Kimber, G. & Riley, R. The relationships of the diploid
1963 progenitors of hexaploid wheat. Can. J. Genet. Cytol., 5: 83-88.

TRI156 Kiss, A. How did wheat originate ? Acta Agron. Acad. Sci.,
1971 Hung., 20: 219-221.

TRI157 Konarev, V.G., Dorofeev, V.F., Migushova, E.F. & Filatenko,
1978 A.A. {Genome composition and systematics in the genus Triticum L.} Trudy Prikl. Bot. Genet. Selek., 63: 6-14. (In Russian, English summary)

TRI158 Konarev, V.G. & Peneva, T.I. {Gliadins of Aegilops of the
1975 Sitopsis (Jaub et Spach) Zhuk. section and the structure of the S(B) genome.} S-kh. Biol., 10(2): 211-219.

TRI159 Kuckuck, H. Neuere Arbeiten zur Entstehung der hexaploiden
1959 Kulturweizen. Z. Pflanzenzucht, 41: 205-226.

TRI160 Kuckuck, H. Experimentelle Untersuchungen zur Entstehung
1964 der Kulturweizen. 1. Die variation des iranischen Spelzweizens und seine genetischen Beziehungen zu Triticum aestivum ssp. vulgare (Vill. Host) MacKey, ssp. spelta (L.) Thell. und ssp. macha (Dek. et Men.) MacKey mit einem Beitrag zur Genetik des Spelta-Komplexes. Z. Pflanzenzucht, 51: 97-140.

TRI161 Kuckuck, H. Primitive wheats. In Frankel, O.H. & Bennett,
1970 E., eds. Genetic resources in plants. Oxford, Blackwell, p.249-266.

TRI162 Kuckuck, H. On the origin of Triticum carthlicum Neyski (=
1979 Triticum persicum Vav.). Wheat Inf. Serv., 50: 1-5.

TRI163 Kuckuck, H. & Peters, R. Experimentelle Untersuchungen zur
1964 Entstehung der Kulturweizen. 2. Induzierte Mutationen bei Triticum aestivum ssp. macha (Dek. et Men) MacKey und Triticum dicoccum Schubl. und ihre phylogenetische Bedeutung. Z. Pflanzenzucht, 51: 215-228.

TRI164 Kuckuck, H. & Pohlendt, G. On a natural hybrid between
1956 Aegilops triuncialis and Triticum aestivum found in Iran and its cytogenetical significance. Wheat Inf. Serv., 3: 15-17.

TRI165 Kuckuck, H. & Schiemann, E. Uber das Vorkommen von Speiz
1957 und Emmer in Iran. Z. Pflanzenzucht, 38: 383-386.

TRI166 Kushnir, U. & Halloran, G.M. Evidence for Aegilops
1981 sharonensis Eig as the donor of the B genome of wheat. Genetics, Princeton, 99: 495-512.

TRI167 Larter, E.N. Triticale. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.117-120.

TRI168 Laumont, P. & Erroux, J. Inventaire des bles rencontres et
1961 cultives en Algerie. Mem. Soc. Hist. Nat. de l'Afrique du Nord, 5.

TRI169 Lee, J. & Kaltsikes, P.J. The application of Mahalonobis's
1973 generalized distance to measure genetic divergence in durum wheat. Euphytica, 22: 124-131.

TRI170 Lehmann, C.O. The importance of wheat collections for
1962 breeding work, with special reference to wheat collections at Gatersleben. Agric. Res. Inst. Hungarian Acad. Sci., Symp. Genet. Wheat breeding. p.391-404.

TRI171 Lindstrom, J. Transfer to wheat of accessory chromosomes
1965 from rye. Hereditas, 54: 149-155.

TRI172 Maan, S.S. Cytoplasmic and cytogenetic relationships among
1973 tetraploid Triticum species. Euphytica, 22: 287-300.

TRI173 MacKey, J. The taxonomy of hexaploid wheat. Svensk. Bot.
1954 Tidskr., 48: 579-590.

TRI174 MacKey, J. Species relationship in Triticum. Proc. 2nd
1966 Int. Wheat Genet. Symp., Lund. Hereditas Suppl., 2: 237-276.

TRI175 MacKey, J. Is T. dicoccoides different from T. dicoccum ?
1971 Acta Agron. Acad. Sci. Hung., 20: 211-212.

TRI176 Makhlaeva, R.F. & Tyuterev, S.L. {Studies on the genomes of
1973 wheat and its wild relatives applying the method of molecular hybridization of DNA-DNA.} Trudy Prikl. Bot. Genet. Selek., 52(1): 69-75. (In Russian)

TRI177 Mandy, G. New concept on the origin of Triticum L. Acta
1970 Agron. Acad. Sci. Hung., 19: 413-417.

TRI178 Mangelsdorf, P.C. Wheat. Scient., Am., 189(1): 50-59.
1953

TRI179 Marshall, D.R. & Brown, A.H.D. Wheat genetic resources. In
1981 Evans, L.T. & Peacock, W.J., eds. Wheat science - today and tomorrow. Cambridge, Cambridge University Press, p.21-40.

TRI180 McFadden, E.S. & Sears, E.R. The origin of Triticum spelta
1946 and its free-threshing hexaploid relatives. J. Hered., 37: 81-89.

TRI181 Menabde, V.L. {Wheats of Georgia and their part in general
1960 evolution of the genus Triticum L.} Trudy Tbilis. Bot. Inst., 21: 229-259. (In Russian)

TRI182 Menabde, V.L. & Gorgidze, A.D. {The wheats of Georgia as
1981 K.A. Flaksberger saw them.} Byull. Vses. Inst. Rastenievod., 106: 27-29. (In Russian, English summary)

TRI183 Mesch, J. {Methods used in testing the international wheat
1967 assortment of Tápiószele.} Agrobotanika, 9: 67-96. (In Hungarian)

TRI184 Miege, E. Sur plusiers formes particulieres et endemiques
1927 de Triticum dicoccum Schubl. C.R. Acad. Sci., 185: 1151-1152.

TRI185 Migushova, E.F. {The origin of the wheat genomes.} Trudy
1975 Prikl. Bot. Genet. Selek., 55: 3-26. (In Russian, English summary)

TRI186 Migushova, E.F. {The systematics and origin of wheat
1976 species.} Trudy Prikl. Bot. Genet. Selek., 58: 155-158. (In Russian)

TRI187 Migushova, E.F. {K.A. Flaksberger's classification of
1981 Triticum L. from the contemporary viewpoint.} Byull. Vses. Inst. Rastenievod., 106: 36-40. (In Russian, English summary)

TRI188 Migushova, E.F. & Konarev, A.V. {Intraspecific
1973 heterogeneity of Triticum araraticum Jakubz.} Trudy Prikl. Bot. Genet. Selek., 52(1): 206-213. (In Russian)

TRI189 Molina, R.T. & Pena, A.M. Los Trigos de la Ceres Hispanica.
1952 Inst. Nac. Invest. Agron., Madrid.

TRI190 Montemartini, L. & Ciferri, R. Le razze di frumento
1941 coltivale in Sicilia. Florence.

TRI191 Morris, R. & Sears, E.R. The cytogenetics of wheat and its
1967 relatives. In Quisenberry, K.S. & Reitz, L.P. eds. Wheat and wheat improvement. Wisconsin, American Society of Agronomy. Agronomy Monograph no.13, p.19-87.

TRI192 Nakai, Y. The origin of the tetraploid wheats revealed
1979 from the study on esterase isozymes. In Ramanujam, S., ed. Proc. 5th Int. Wheat Genetics Symp. Vol.1. Evolution of wheat - changing concepts. New Delhi, Indian Society of Genetics and Plant Breeding, p.108-119.

TRI193 Natarajan, A.T. & Sarma, N.P. Chromosome banding patterns
1974 and the origin of the B genome in wheat. Genet. Research, 24: 103-108.

TRI194 Nevo, E., Golenberg, E., Beiles, A., Brown, A.H.D. & Zohary,
1982 D. Genetic diversity and environmental associations of wild wheat, Triticum dicoccoides in Israel. Theor. Appl. Genet., 62: 241-254.

TRI195 Nishikawa, K. Studies on abnormal development of seeds
1959 resulting from hybridization. 1. Abnormal development of the endosperm and growth substance fluctuation in Aegilops squarrosa x Triticum dicoccum. Seiken Zihô, 10: 84-94.

TRI196 Oppenheimer, H.R. Cinquante ans après la découverte du blé
1957 sauvage par A. Aaronsohn: l'importance de la découverte pour le problème de l'origine des blés cultivés. Bull. Soc. Bot. France, 104: 293-297.

TRI197 Pai, R.L. et al. Chromosome diminution and evolution of
1961 polyploid species in Triticum. Chromosoma, 12: 398-409.

TRI198 Pai, R.L. & Swaminthan, M.S. Differential radiosensitivity
1960 among the probable genome donors of bread wheat. Evolution, Lancaster, Pa., 14: 427-432.

TRI199 Papadakis, J.S. Formes greques des blés. Salonique 1929.
1929 République Hellènique Bulletin Scientifique no.1. 50pp.

TRI200 Pazy, B. & Zohary, D. The process of introgression between
1965 Aegilops polyploids: natural hybridization between A. variabilis, A. ovata and A. biuncialis. Evolution, Lancaster, Pa., 19: 385-394.

TRI201 Peacock, W.J., Gerlach, W.L. & Dennis, E.S. Molecular
1981 aspects of wheat evolution: repeated DNA sequences. In Evans, L.T. & Peacock, W.J., eds. Wheat science - today and tomorrow. Cambridge, Cambridge University Press, p.41-60.

TRI202 Peneva, T.I. & Migushova, E.F. {The structure of genome S
1973 (B) in Aegilopses of the group Sitopsis according to the data of electrophoretic and immunochemical analysis of gliadins.} Trudy Prikl. Bot. Genet. Selek., 52(1): 178-192. (In Russian)

TRI203 Percival, J. The wheat plant - a monograph. Duckworth,
1921 London, 440pp.

TRI204 Perrino, P. & Hammer, K. Triticum monococcum L. and T.
1982 dicoccum Schubler (Syn. of T. dicoccon Schrank) are still cultivated in Italy. Genet. Agrar., 36: 343-352.

TRI205 Perrino, P. & Martignano, F. The presence and distribution
1973 of old wheat varieties in Sicily. Ecol. Agrar., 9: 1-11.

TRI206 Peterson, R.F. Wheat. Botany, cultivation and utilisation.
1965 London, Leonard Hill.

TRI207 Popova, G. {Species of Aegilops and their mass
1923 hybridization with wheat in Turkestan.} Trudy Prikl. Bot. Genet. Selek., 13: 461-482. (In Russian)

TRI208 Porceddu, E., Perrino, P. & Olita, G. Preliminary
1973 information on an Ethiopian wheat germplasm collection mission. In Proc. Symp. on genetics and breeding of durum wheat, Bari, Italy. p.181-200.

TRI209 Powers, L. Cytologic and genetic studies of variability of
1932 strains of wheat derived from interspecific crosses. J. Ag. Res., 44: 797-831.

TRI210 Pugsley, A.T. The preservation of world genetic stocks.
1958 Proc. 1st Wheat Genet. Symp., Manitoba, p.140-142.

TRI211 Quisenberry, K.S. & Reitz, L.P., eds. Wheat and wheat
1967 improvement. Wisconsin, American Society of Agronomy. Agronomy Monograph no.13. 549pp.

TRI212 Rao, A.R. Phylogenetic relationships among Triticum and
1976 Aegilops species. Pakistan J. Agric. Sci., 13: 139-146.

TRI213 Rao, A.R. Distribution patterns of indigenous wheat
1977 varieties in northern Pakistan. In Muhammed, A., Aksel, R. & Borstel, R.C. von., eds. Genetic diversity in plants. New York, Plenum Press, p.51-66.

TRI214 Rao, M.V. Wheat. In Hutchinson, J.B., ed. Evolutionary
1974 studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.33-45.

TRI215 Rao, P.S., & Smith, E.L. Studies with Israeli and Turkish
1968 accessions of Triticum turgidum L. emens. var. "dicoccoides" (Koern) Bowden. Wheat Inf. Serv., 26: 6-7.

TRI216 Rawal, K. & Harlan, J.R. Cytogenetic analysis of wild emmer
1975 populations from Turkey and Israel. Euphytica, 24: 407-411.

TRI217 Rees, H. DNA and ancestry in wheat. Nature, Lond., 198:
1963 108-109.

TRI218 Rifaie, R., Bourgois, J.J. & Witcombe, J.R. Aegilops and
1981 wild wheat in Syria. Plant Genet. Resour. Newsl., 45: 2-7.

TRI219 Riley, R. Cytogenetics and the evolution of wheat. In
1965 Hutchinson, J.B., ed. Essays on crop plant evolution. Cambridge, Cambridge University Press, p.103-122.

TRI220 Riley, R. Evidence from phylogenetic relationships of the
1969 types of bread wheat first cultivated. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.173-176.

TRI221 Riley, R. Origins of wheat. In Spicer, A., ed. Bread.
1975 Social, nutritional and agricultural aspects of wheaten bread. London, Applied Science Publishers, p.27-45.

TRI222 Riley, R., Chapman, V. & Johnson, R. Introduction of yellow
1968 rust resistance of Aegilops comosa into wheat by genetically induced homoeologous recombination. Nature, Lond., 217: 383-384.

TRI223 Riley, R., Chapman, V. & Kimber, G. Genetic control of
1959 chromosome pairing in intergenetic hybrids with wheat. Nature, Lond., 183: 1244-1246.

TRI224 Riley, R., Unrau, J. & Chapman, V. Evidence on the origin
1958 of the B genome of wheat. J. Hered., 49: 91-98.

TRI225 Roberts, E.H. Storage of wheat seed for genetic conservation
1976 In Dorofeev, V.F. & Kukekov, V.G., eds. Wheat genetic resources Proc. of an international symposium held at Leningrad on 14-22 July 1975. Leningrad, Vsesoyuznyi Institut Rastenievodstva. p. 146-168.

TRI226 Salmon, S.G., Mathews, O.R. & Leukel, R.W. A half century
1953 of wheat improvement in the United States. Adv. Agron., 5:1-151.

TRI227 Sanchez-Monge, E. The 'B' genome of Spanish primitive
1973 tetraploid wheat cultivars. An. Inst. Nac. Invest. Agr., Madrid, 3: 9-13.

TRI228 Sanchez-Monge, E. Development of triticales in western
1974 Europe. Proc. Int. Symp. Triticale, Mexico, 1973 p.31-39.

TRI229 Sarkar, P. & Stebbins, G.L. Morphological evidence
1956 concerning the origin of the B genome in wheat. Am. J. Bot., 43: 297-304.

TRI230 Scarascia-Mugnozza, G.T. & Porceddu, E. Experiences and
1979 perspectives on problems of wheat germplasm preservation. In Ramanujam, S., ed. Proc. 5th Int. Wheat Genetics Symp. Vol.2. Conservation, classification and cataloguing of genetic resources, New Delhi, Indian Society of Genetics and Plant Breeding, p.204-215.

TRI231 Schiemann, E. Uber McFadden - Sear's Theorie zur Phylogenie
1947 des Weizens. Zuchter, 17-18: 385-391.

TRI232 Schiemann, E. Weizen, Roggen, Gerste. Jena, Fischer. 95pp.
1948

TRI233 Schreiber, L. {Wheats of Mediterranean islands.} Trudy
1934 Prikl. Bot. Genet. Selek., 27: 41-240. (In Russian)

TRI234 Scoles, G.J. & Kaltsikes, P.J. The cytology and
1974 cytogenetics of Triticale. Z. Pflanzenzucht, 73: 13-43.

TRI235 Sears, E.R. The cytology and genetics of the wheats and
1948 their wild relatives. Adv. Genet., 2: 239-270.

TRI236 Sears, E.R. The transfer of leaf-rust resistance from
1956 Aegilops umbellulata to wheat. Brookhaven Symp. Biol., 9: 1-22.

TRI237 Sears, E.R. The systematics, cytology and genetics of
1959 wheat. In Kappert, H. & Rudorf, W., eds. Handbuch der Pflanzenzuchtung. 2nd ed. Berlin, Parey, vol.2, p.164-187.

TRI238 Sears, E.R. The origin and future of wheat. In Seigler,
1977 D.S., ed. Crop resources. New York, Academic Press, p.193-196.

TRI239 Sehnalova, J. {Key for identification of cultivated and wild
1973 wheat species.} Genet. Slechteni, 9: 303-310. (In Czech. English summary)

TRI240 Senjaninova-Korczagina, M. {Karyo-systematical investigation
1932 of the genus Aegilops L.} Trudy Prikl. Bot. Genet. Selek., 11th series, 1: 67-90. (In Russian)

TRI241 Shao, Q.Q., Li, C.S. & Basang, C.R. {Semiwild wheat from
1980 Tibet.} Acta Genet. Sinica, 7: 149-156. (In Chinese)

TRI242 Sinskaya, E.N. {Origin of wheat. In Problems in Botany II.}
1955 Moscow, Academy of Sciences, USSR, p.5-73. (In Russian)

TRI243 Smith, L. Cytogenetic studies in Triticum monococcum L. and
1936 T. aegilopoides Bal. MO. Agr. Exp. Stat. Res. Bull. no.248, p.1-38.

TRI244 Somayajulu, P.L.N., Joshi, A.B. & Murty, B.R. Genetic
1970 divergence in wheat. Indian J. Genet. Plant Breed., 30: 47-58.

TRI245 Tanaka, M. Phylogenetic relationship and species
1965 differentiation in genus Triticum. Mem. Coll. Agric. Kyoto Univ., no.87: 1-30.

TRI246 Tanaka, M. & Ichikawa, S. Cytogenetical relationships of
1972 two types of Triticum araraticum Jakubz. to other tetraploid wheat species. Jap. J. Genet., 47: 103-114.

TRI247 Tanaka, M. & Ishii, H. Cytogenetical evidence on the
1973 speciation of wild tetraploid wheats collected in Iraq, Turkey and Iran. Proc. 4th Int. Wheat Genet. Symp., 115-121.

TRI248 Tanaka, M. & Ishii, H. Hybrid sterility and chromosomal
1975 interchanges found in the Timopheevi group of tetraploid wheat. Jap. J. Genet., 50: 141-149.

TRI249 Tanaka, M., Kawahara, T. & Sano, J. The origin and the
1978 evolution of wild tetraploid wheats. Wheat Inf. Serv., 47/48: 7-11.

TRI250 Tanaka, M., Kawahara, T. & Sano, J. The evolution of wild
1979 tetraploid wheats. In Ramanujam, S., ed. Proc. 5th Int. Wheat Genetics Symp. Vol.1. Evolution of wheat - changing concepts. New Delhi, Indian Society of Genetics and Plant Breeding, p.73-80.

TRI251 Tempir, Z. {On the distribution of the cultivation of Emmer
1976 wheat (Triticum dicoccum Schrank) in the western Carpathians.} Agrikultura, Czechoslovakia, 14: 21-36. (In Slovak, English summary)

TRI252 Tsunewaki, K. Origin and phylogenetic differentiation of
1968 common wheat revealed by comparative gene analysis. Proc. 3rd Int. Wheat Genet. Symp., Canberra, 71-85.

TRI253 Tsunewaki, K., ed. Genetic diversity of the cytoplasm in
1980 Triticum and Aegilops. Kojimachi, Chiyoda-ku, Tokyo, Japan Society for the Promotion of Science. 290pp.

TRI254 Tyuterev, S.L. et al. {Studies on species of wheat and its
1973 wild relatives for protein and uninterchangeable aminoacids content in relation to specific diversity and genome composition.} Trudy Prikl. Bot. Genet. Selek., 52(1): 222-241. (In Russian)

TRI255 Udachin, R.A. {The wheats of Uzbekistan.} Trudy Prikl.
1975 Bot. Genet. Selek., 55: 27-55. (In Russian, English summary)

TRI256 Udachin, R.A. {Role of central Asia in the evolution of
1978 Triticum L.} Trudy Prikl. Bot. Genet. Selek., 63: 15-25. (In Russian, English summary)

TRI257 Udachin, R.A. {K.A. Flaksberger's contribution to our
1981 knowledge of the wheats of Central Asia.} Byull. Vses. Inst. Rastenievod., 106: 32-36. (In Russian, English summary)

TRI258 Udachin, R.A. & Shakhmedov, I. Sh. (A contribution to
1974 the knowledge of Triticum sphaerococcum Pers.) Byull. Vses. Inst. Rastenievod., 46: 19-25. (In Russian)

TRI259 Udachin, R.A. & Shakhmedov, I.Sh. {The new wheat species
1977 Triticum jakubzineri.} Vestn. S-kh. Nauki, 2: 41-43. (In Russian, English summary)

TRI260 Upadhya, M.D. & Swaminathan, M.S. Studies on the origin of
1965 Triticum zhukovskyi and on the mechanism regulating chromosome pairing in Triticum. Indian J. Genet. Plant Breed., 25: 1-13.

TRI261 Upadhyaya, Y.M. Durum wheat. Indian Farming, 27: 28-31.
1978

TRI262 Vardi, A. Introgression between different ploidy levels in
1973 the wheat group. In Sears, E.R. & Sears, M.S., eds. Proc. 4th Int. Wheat Genet. Symp. Univ. Missouri, Colombia, Missouri, Aug. 1973. Missouri, Agric. Exper. Statn., Coll. Agric. Univ. Missouri, p.131-141.

TRI263 Vardi, A. & Zohary, D. Introgression in wheat via triploid
1967 hybrids. Heredity, Lond., 22: 541-560.

TRI264 Vavilov, N.I. {The wheats of Abyssinia and their position
1931 in the general system of the wheats.} Trudy Prikl. Bot. Genet. Selek., suppl.51: 1-236. (In Russian)

TRI265 Vavilov, N.I. {Problems of the geography, phylogeny and
1962 selection of wheat and rye. Plant resources and problems in the systematics of cultivated plants.} vol.3. In Vavilov, N.I. Selected works. Moscow, Leningrad, Izdat. Akad. Nauk. SSSR, p.1-503. (In Russian)

TRI266 Wagenaar, E.B. Studies on the genome constitution of
1966 Triticum timopheevi complex and its origin. Evolution, Lancaster, Pa., 20: 150-154.

TRI267 Waines, J.G. & Johnson, B.L. Incomplete concurrence of
1975 evidence from protein electrophoresis and genome analysis regarding the origin of Aegilops Ovata. Can. J. Genet. Cytol., 17: 1-8.

TRI268 Wheat: Contested parentage. Nature, Lond., 237: 195.
1972

TRI269 Wilson, J.A. Hybrid wheat developments with Triticum
1968 timopheevi Zhuk. derivatives. Proc. 3rd Int. Wheat Genet. Symp., Canberra, 423-430.

TRI270 Wilson, J.A. & Ross, W.M. Cross-breeding in wheat, Triticum
1961 aestivum. I. Frequency of the pollen-restoring character in hybrid wheats having Aegilops ovata cytoplasm. Crop Sci., 1: 191-193.

TRI271 Wilson, J.A. & Ross, W.M. Male sterility interaction of the
1962 Triticum aestivum nucleus and Triticum timopheevi cytoplasm. Wheat Inf. Serv., 14: 29.

TRI272 Witcombe, J.R. Wheat and barley from two Himalayan regions.
1975 Euphytica, 24: 431-434.

TRI273 Witcombe, J.R. & Rao, A.R. The genecology of wheat in a
1976 Nepalese centre of diversity. J. Appl. Ecol., 13: 915-924.

TRI274 Yamashita, K. Origin of cultivated wheats. In Livermore,
1965 A.H., ed. Science in Japan (Symp. 1963). Washington, D.C., p.305-313.

TRI275 Yamashita, K. Origin and dispersion of wheats with special
1979 reference to peripheral diversity. Seiken Ziho, 27-28: 48-58. (also in: Z. Pflanzenzucht, 1980, 84: 122-132.)

TRI276 Yamashita, K. & Tanaka, M. New materials of Triticum and
1968 Aegilops for genetic studies collected by the Kyoto University scientific expeditions. Proc. 3rd Int. Wheat Genet. Symp., Canberra, 155-158.

TRI277 Zarubailo, T. Ya., Gubareva, N.K. & Tavrin, E.V. {Genome
1973 analysis of interspecific wheat amphidiploids by proteins in the grain.} Trudy Prikl. Bot. Genet. Selek., 52: 214-221. (In Russian)

TRI278 Zeven, A.C. On the ancestry of Triticum vulgare varieties
1967 Gabo and Timstein. Wheat Inf. Serv., 23-24: 2-5.

TRI279 Zeven, A.C. Indigenous bread wheat varieties from Northern
1974 Nigeria. Acta Bot. Neerland, 23: 137-144.

TRI280 Zeven, A.C. The prehistoric spread of bread wheat into
1979 Asia. In Ramanujam, S., ed. Proc. 5th Int. Wheat Genetics Symp. Vol.1. Evolution of wheat - changing concepts. New Delhi, Indian Society of Genetics and Plant Breeding, p.103-107.

TRI281 Zeven, A.C. The spread of bread wheat over the old world
1980 since the neolithicum as indicated by its genotype for hybrid necrosis. J. Agric. Trad. Bot. Appl., 27: 19-53.

TRI282 Zhukovsky, P.M. {A critical survey of the species of the
1927 genus Aegilops.} Trudy Prikl. Bot. Genet. Selek., 18: 584-609. (In Russian)

TRI283 Zhukovsky, P.M. A new species of wheat. Trudy Prikl. Bot.
1928 Genet. Selek., 19(2): 59-66. (In Russian, English summary)

TRI284 Zohary, D. The evolution of genomes in Aegilops and
1963 Triticum. Proc. 2nd Int. Wheat Genet. Symp., 1963. Hereditas, Suppl., 2: 207-217.

TRI285 Zohary, D. Colonizer species in the wheat group. In Baker,
1965 H.G. & Stebbins, G.L., eds. The genetics of colonizing species. New York, Academic Press.

TRI286 Zohary, D. Wild wheats. In Frankel, O.H. & Bennett, E.,
1970 eds. Genetic resources in plants. Oxford, Blackwell, p.239-247.

TRI287 Zohary, D. & Feldman, M. Hybridization between
1962 amphidiploids and the evolution of polyploids in wheat (Aegilops-Triticum) group. Evolution, Lancaster, Pa., 16: 44-61.

TRI288 Zohary, D., Harlan, J.R. & Vardi, A. The wild diploid
1969 progenitors of wheat and their breeding value. Euphytica, 18: 58-65.

Other relevant references :

B131,D32,D54,D125,D146,E69,E74,F17,F18,G65,G95,G108,J7,J12,J22,J61,J71, J72,J134,J149,J204,L125,M101,M102,N16,N43,N56,N73,N76,N78,N94,N96,N99, Q9,Q12,Q26,Q41,Q42,Q57,Q73,Q78,Q85,Q86,Q87,Q106,Q120,Q122,Q147,S29,S59, CER7,HOR27,SEC32

ZEA, EUCHLAENA AND TRIPSACUM

ZEA1 Anderson, E. Races of Zea mays 2. A general survey of the
1943 problem. Acta Am., 1: 58-68.

ZEA2 Anderson, E. & Cutler, H.C. Races of Zea mays: their
1942 recognition and classification. Ann. MO. Bot. Gard., 29: 69-89.

ZEA3 Ayad, G., Toll, J. & Esquinas-Alcazar, J.T. Directory of
1980 germplasm collections, 3: Cereals, 2. Maize. Rome, IBPGR. 23pp.

ZEA4 Beadle, G.W. Teosinte and the origin of maize. J. Hered.,
1939 30: 245-247.

ZEA5 Beadle, G.W. The mystery of maize. Field Museum Bulletin,
1972 Chicago, 43: 3-11.

ZEA6 Beadle, G.W. The origins of Zea mays. In Reed, C.A., ed.
1977 Origins of agriculture. The Hague, Netherlands, Mouton Publishers, p.615-635.

ZEA7 Beadle, G.W. Origin of corn: pollen evidence. Science,
1981 N.Y., 213: 890-892.

ZEA8 Beadle, G.W. Teosinte and the origin of maize. In Walden,
1978 D.B., ed. Maize breeding and genetics. New York, John Wiley, p.113-128.

ZEA9 Bird, R.M. Archaeological maize from Peru. Maize Genet.
1978 Coop. Newsl., 52: 90-92.

ZEA10 Bird, R.M. A name change for Central American teosinte.
1978 Taxon, 27: 361-363.

ZEA11 Bird, R.M. The USDA teosinte germplasm collection. Maize
1979 Genet. Coop. Newsl., 53: 55.

ZEA12 Bird, R.M. The evolution of maize: a new model for the
1979 early stages. Maize Genet. Coop. Newsl., 53: 53-54.

ZEA13 Bird, R.M. Maize evolution from 500 B.C. to the present.
1980 Biotropica, 12: 30-41.

ZEA14 Bird, R.M. & Goodman, M.M. The races of maize. 5. Grouping
1977 maize races on the basis of ear morphology. Econ. Bot., 31: 471-481.

ZEA15 Bird, R.M. & Hake, S.C. Further analysis of some recent
1982 data. Maize Genet. Coop. Newsl., 56: 90-92.

ZEA16 Brandolini, A. Maize. In Frankel, O.H. & Bennett, E., eds.
1970 Genetic resources in plants. Oxford, Blackwell, p.273-309.

ZEA17 Brandolini, A. Origine, introduzione e diffusione del mais.
1979 Ital. Agric., 116: 48-54.

ZEA18 Brieger, F.C. Collection and evaluation of indigenous races
1963 of maize. Genet. Agrar., 17: 259-264.

ZEA19 Brieger, F.C. Die Indianer-Maisrassen des sudamerikanischen
1970 Tieflandes und ihre Bedeutung fur die Zuchtung. Kulturpflanze, 6: 159-173.

ZEA20 Breiger, F.C. et al. Races of maize in Brazil and other
1958 eastern South American countries. Nat. Acad. Sci. Nat. Res. Counc. Publ. no.593. 283pp.

ZEA21 Brown, W.L. Races of maize in the West Indies. Nat. Acad.
1960 Sci. Nat. Res. Counc. Publ. no.792. 44pp.

ZEA22 Brown, W.L. & Anderson, E. The southern dent corns. Ann.
1948 MO. Bot. Gard. 35: 255-268.

ZEA23 Bunting, E.S. Maize in Europe. In Bunting, E.S., Pain,
1978 B.F., Phipps, R.H., Wilkinson, J.M. & Gunn, R.E., eds. Forage maize. Production and utilisation. London, Agricultural Research Council, p.1-13.

ZEA24 Bunting, E.S. History of the maize crop in N.W. Europe. In
1980 Bunting, E.S., ed. Production and utilization of the maize crop. Proc. 1st European Maize Congr. Sept. 1979, Cambridge, England. Ely, UK, Hereward & Stourdale Press, p.3-13.

ZEA25 Camara-Hernandez, J. & Mangelsdorf, P.C. Crosses of Zea
1981 diploperennis with corn. Maize Genet. Coop. Newsl., 55: 15-17.

ZEA26 Carter, G.F. & Anderson, E. A preliminary survey of maize
1945 in the south-western United States. Ann. MO.Bot. Gard., 32: 297-322.

ZEA27 Chandravadana, P., Galinat, W.C. & Rao, B.G.S. A
1971 cytological study of Tripsacum dactyloides. J. Hered., 62: 280-284.

ZEA28 Clark, J. Collection, preservation and utilisation of
1956 indigenous strains of maize. Econ. Bot., 10: 194-200.

ZEA29 Collins, G.N. Origin of maize. J. Washington Acad. Sci.,
1912 2: 520-530.

ZEA30 Cutler, H.C. The geographic origin of maize. Chronica
1948-49 Bot., 12: 167-169.

ZEA31 Cutler, H.C. & Anderson, E. A preliminary survey of the
1941 genus Tripsacum. Ann. MO. Bot. Gard., 28: 249-269.

ZEA32 Day, A.D., Thompson, R.K. & Grove, D.R. The charm of Indian
1974 corn. Progressive Agric. Arizona, 26: 14-15.

ZEA33 Doebley, J.F. & Iltis, H.H. Taxonomy of Zea (Gramineae). 1.
1980 A subgeneric classification with key to taxa. Am. J. Bot., 67: 982-993.

ZEA34 FAO Maices bolivianos. Rome. 238pp.
1968

ZEA35 Finan, J.J. Maize in the great herbals. Chronica Bot.
1950 183pp.

ZEA36 Galinat, W.C. The evolution of corn and culture in North
1965 America. Econ. Bot., 19: 350-357.

ZEA37 Galinat, W.C. The evolution of glumeless sweet corn. Econ.
1966 Bot., 20: 441-445.

ZEA38 Galinat, W.C. The evolution under domestication of the
1969 maize ear: string cob maize. Univ. Massachusetts, Agric. Exp. Sta. Bull. no.577. 19pp.

ZEA39 Galinat, W.C. The evolution of sweet corn. Univ. of
1971 Massachusetts Agric. Exp. Sta. Res. Bull. 591. 20pp.

ZEA40 Galinat, W.C. The origin of maize. Ann. Rev. Genet., 5:
1971 447-478.

ZEA41 Galinat, W.C. Preserve Guatamalan Teosinte, a relict link
1973 in corn's evolution. Science, N.Y., 180: 323.

ZEA42 Galinat, W.C. The domestication and genetic erosion of
1974 maize. Econ. Bot., 28: 31-37.

ZEA43 Galinat, W.C. Intergenomic mapping of maize, teosinte and
1974 Tripsacum. Evolution, Lancaster, Pa., 27: 644-655.

ZEA44 Galinat, W.C. The evolutionary emergence of maize. Bull.
1975 Torrey Bot. Club, 102: 313-324.

ZEA45 Galinat, W.C. The origin of corn. In Sprague, G.F., ed.
1977 Corn and corn improvement. 2nd ed. Madison, Wis., American Society of Agronomy, p.1-47.

ZEA46 Galinat, W.C. The inheritance of some traits essential to
1978 maize and teosinte. In Walden, D.B., ed. Maize breeding and genetics. New York, John Wiley, p.93-111.

ZEA47 Galinat, W.C. A miniature fruit-case type of teosinte as
1979 the wild ancestor of the first maize. Maize Genetics Coop. Newsl., 53: 99-100.

ZEA48 Galinat, W.C. & Chase, S.S. Manifestations of teosinte and
1968 'Tripsacum' introgression in corn belt maize. Econ. Bot., 22: 305-306.

ZEA49 Galinat, W.C. & Gunnerson, J.H. Spread of 8-rowed maize from
1963 the prehistoric Southwest. Bot. Mus. Leafl. Harv. Univ., 20: 117-160.

ZEA50 Galinat, W.C. & Pasupuleti, C.V. Zea diploperennis: II. A
1983 review on its significance and potential value for maize improvement. Maydica, 27: 213-220.

ZEA51 Galinat, W.C., Chaganti, R.S.K. & Hager, F.D. Tripsacum as
1964 a possible amphidiploid of wild maize and manisuris. Bot. Mus. Leafl. Harv. Univ., 20: 289-316.

ZEA52 Galinat, W.C., Mangelsdorf, P.C. & Piersen, L. Estimates of
1956 teosinte introgression in archaeological maize. Bot. Mus. Leafl. Harvard Univ., 17: 101-124.

ZEA53 Goodman, M.M. The races of maize. I. The use of Mahanobis'
1967 generalised distances to measure morphological similarity. Fitotec. Latinoam., 4: 1-22.

ZEA54 Goodman, M.M. The races of maize. II. Use of multivariate
1968 analysis of variance to measure morphological similarity. Crop. Sci., 8: 693-697.

ZEA55 Goodman, M.M. Maize. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.128-136.

ZEA56 Goodman, M.M. A brief survey of the races of maize and
1978 current attempts to infer racial relationships. In Walden, D.B., ed. Maize breeding and genetics. New York, John Wiley, p.143-158.

ZEA57 Goodman, M.M. & Bird, R.M. The races of maize. 4. Tentative
1977 grouping of 219 Latin American races. Econ. Bot., 31: 204-221.

ZEA58 Goodman, M.M. & Paterniani, E. The races of maize. 3.
1969 Choices of appropriate characters for racial classification. Econ. Bot., 23: 265-273.

ZEA59 Grant, U.J. et al. Races of maize in Venezuela. Nat. Acad.
1963 Sci. Nat. Res. Counc. Publ. no.1136. 92pp.

ZEA60 Gray, J.R. Disc electrophoretic investigation of Tripsacum.
1975 Biochem. Syst. Ecol., 2: 211-213.

ZEA61 Grobman, A. Tripsacum in Peru. Bot. Mus. Leafl. Harv.
1967 Univ., 21: 285-287.

ZEA62 Grobman, A. & Bonavia, D. Pre-ceramic maize on the north-
1978 central coast of Peru. Nature, Lond., 276: 386-387.

ZEA63 Grobman, A., Salhuana, W., Sevilla, R. & Mangelsdorf, P.C.
1961 Races of maize in Peru, their origins, evolution and classification. Washington, D.C., Nat. Acad. Sci. Nat. Res. Counc. Publ. no.915. 374pp.

ZEA64 See ZEA63

ZEA65 Gutierrez, G.M. Maize germplasm preservation and
1973 utilization at CIMMYT. In CIMMYT, World-wide improvement in the 70's and the role for CIMMYT. Londres, Mexico, CIMMYT, 21pp.

ZEA66 Guzman Mejia, R. Redescubrimiento de Zea perennis
1978 (Gramineae). Phytologia, 38: 177.

ZEA67 Hake, S. & Walbot, V. The genome of Zea mays, its
1980 organization and homology to related grasses. Chromosoma, 79: 251-270.

ZEA68 Hallauer, A.R. Reducing genetic vulnerability in corn.
1976 Crops Soils, 28: 5-6.

ZEA69 Harlan, J.R. et al. Chromosome pairing within genomes in
1970 maize - Tripsacum hybrids. Science, N.Y., 167: 1247-1248.

ZEA70 Harshberger, J.W. Maize, a botanical and economic study.
1893 Contrib. Bot. Lab. Univ. Pennsylvania, 1: 75-202.

ZEA71 Haskell, G. The control of inter-pollination between sweet
1953 and flint corn. Ann. Bot., 17: 81-93.

ZEA72 Haskell, G. Internode patterns, adaptation in the origins
1956 of sweet corn. Genetika, 28: 308-344.

ZEA73 Hatheway, W.H. Races of maize in Cuba. Nat. Acad. Sci.
1957 Nat. Res. Counc. Publ. no.453. 75pp.

ZEA74 Hernandez X., E. & Alanis Flores, G. Estudio morfologico de
1970 cinco nuevas razas de maiz de la Sierra Madre Occidental de Mexico; implicaciones fitogeneticas y fitogeograficas. Agrociencia, 5: 3-30.

ZEA75 Hernandez X., E. & Randolph, L.F. Descripcion de las
1950 Tripsacum diploides de Mexico: Tripsacum maizar y Tripsacum zopitotense. spp. nov. Ofic. Es. Esp., SAG. 4: 1-28.

ZEA76 Huelsen, W.A. Sweet corn. New York, Interscience, London,
1954 Leonard Hill.

ZEA77 Iltis, H.H. The taxonomy of Zea mays (Gramineae).
1972 Phytologia, 23: 248-249.

ZEA78 Iltis, H.H. & Doebley, J.F. Taxonomy of Zea (Gramineae).
1980 II. Subspecific categories in the Zea mays complex and a generic synopsis. Am. J. Bot., 67: 994-1004.

ZEA79 Iltis, H.H., Doebley, J.F., Guzman, M.R. & Pazy, B. Zea
1979 diploperennis (Gramineae): a new teosinte from Mexico. Science, N.Y., 203: 187-189.

ZEA80 Ivleva, L.A., Gilyazetdinov, Sh. Ya & Akhmetov, R.R.
1973 {Structural state of chromatine and synthesis of RNA in the seedlings of corn hybrids displaying heterosis.} Trudy Prikl. Bot. Genet. Selek., 52(1): 96-106. (In Russian)

ZEA81 Jeffreys, M.D.W. The history of maize in Africa. Eastern
1954 Anthropol., 7: 138-148.

ZEA82 Jeffreys, M.D.W. Pre-Columbian maize in Southern Africa.
1967 Nature, Lond., 215: 695-697.

ZEA83 Jigeng, L., Taixing, Y. & Mengqian, Z. {Isozyme studies on
1980 the origin of cultivated corn.} Acta Genet. Sinica, 7: 223-230. (In Chinese)

ZEA84 Kelly, I. & Anderson, E. Sweet corn in Jalisco. Ann. MO.
1943 Bot. Gard., 30: 405-412.

ZEA85 Khadzhinov, M.I. & Shcherbak, V.S. {Current state of
1981 knowledge on the origin and evolution of maize.} S-kh. Biol., 16: 530-540. (In Russian, English summary)

ZEA86 Kleese, R.A. & Frey, K.J. Serological predictions of genetic
1964 relationships among oat varieties (Avena sativa) and corn inbreds (Zea mays). Crop Sci., 4: 379-383.

ZEA87 Kuckuck, H. von. Probleme der Erhaltung der naturlichen
1970 Formenmannigfaltigkeit und ihrer Nutzung in der Zuchtung. Kulturpflanze, 6: 157-158.

ZEA88 Kuleshov, M.N. {The geographical distribution of the
1929 varietal diversity of maize in the world.} Trudy Prikl. Bot. Genet. Selek., 20: 506-510. (In Russian)

ZEA89 Kuleshov, M.N. World's diversity of phenotypes of maize.
1933 J. Am. Soc. Agron., 25: 688-700.

ZEA90 Longley, A.E. Morphological characters of teosinte
1937 chromosomes. J. Ag. Res., 54: 835.

ZEA91 Mangelsdorf, P.C. The role of pod corn in the origin and
1948 evolution of maize. Ann. MO. Bot. Gard., 35: 377-406.

ZEA92 Mangelsdorf, P.C. The mystery of corn. Scient. Am.,
1950 183(1): 20-24.

ZEA93 Mangelsdorf, P.C. Hybrid corn. Scient. Am., 185: 39-47.
1951

ZEA94 Mangelsdorf, P.C. Reconstructing the ancestor of corn.
1958 Proc. Am. Phil. Soc., 102: 454-463.

ZEA95 Mangelsdorf, P.C. Reconstructing the ancestor of corn.
1959 Washington, D.C., Ann. Rep. Smithsonian Inst.

ZEA96 Mangelsdorf, P.C. Introgression in maize. Euphytica, 10:
1961 157-168.

ZEA97 Mangelsdorf, P.C. The evolution of maize. In Hutchinson,
1965 J.B., ed. Essays on crop plant evolution. Cambridge, Cambridge University Press, p.23-49.

ZEA98 Mangelsdorf, P.C. Corn its origin, evolution and
1974 improvement. Harvard, Belknap Press. 262pp.

ZEA99 Mangelsdorf, P.C. & Cameron, J.W. Western Guatemala, a
1942 secondary center of origin of cultivated maize varieties. Bot. Mus. Leafl. Harv. Univ., 10: 217-252.

ZEA100 Mangelsdorf, P.C. & Earle Smith, C. Jr. New archaeological
1949 evidence on evolution in maize. Bot. Mus. Leafl. Harv. Univ., 13: 213-247.

ZEA101 Mangelsdorf, P.C. & Earle Smith, C. Jr. A discovery of
1949 remains of primitive maize in New Mexico. J. Hered., 60: 39-43.

ZEA102 Mangelsdorf, P.C. & Lister, R.H. Archaeological evidence on
1956 the evolution of maize in northern Mexico. Bot. Mus. Leafl. Harv. Univ., 17: 151-178.

ZEA103 Mangelsdorf, P.C. & Pollard, G.C. Archaeological maize from
1975 northern Chile. Bot. Mus. Leafl. Harv. Univ., 24:49-64.

ZEA104 Mangelsdorf, P.C. & Reeves, R.G. Hybridisation of maize,
1931 Tripsacum and Euchlaena. J. Hered., 22: 329-343.

ZEA105 Mangelsdorf, P.C. & Reeves, R.G. The origin of Indian corn
1939 and its relatives. Bull. Texas Agric. Exp. Stn., Bulletin no.574. 315pp.

ZEA106 Mangelsdorf, P.C. & Reeves, R.G. The origin of corn I. Pod
1959 corn, the ancestral form. Bot. Mus. Leafl. Harv. Univ., 18: 329-356.

ZEA107 Mangelsdorf, P.C. & Reeves, R.G. The origin of corn: III.
1959 Modern races, the product of teosinte introgression. Bot. Mus. Leafl. Harv. Univ., 18: 389-411.

ZEA108 Mangelsdorf, P.C. & Reeves, R.G. The origin of corn: IV.
1959 Place and time of origin. Bot. Mus. Leafl. Harv. Univ., 18: 413-427.

ZEA109 Mangelsdorf, P.C., Barghoorn, E.S. & Banerjee, U.C. Ancient
1978 pollen from deep cores in Mexico shows the ancestor of corn to be corn and not its relative, teosinte. Bot. Mus. Leafl. Harv. Univ., 26: 237-255.

ZEA110 Mangelsdorf, P.C., McNeish, R.S. & Galinat, W.C.
1956 Archeological evidence on the diffusion and evolution of maize in northeastern Mexico. Bot. Mus. Leafl. Harv. Univ., 17: 125-150.

ZEA111 Mangelsdorf, P.C., MacNeish, R.S. & Galinat, W.C.
1964 Domestication of corn. Science, N.Y., 143: 538-545.

ZEA112 Mangelsdorf, P.C., MacNeish, R.S. & Galinat, W.C.
1967 Prehistoric maize, teosinte, and Tripsacum from Tamaulipas, Mexico. Bot. Mus. Leafl. Harv. Univ., 22: 33-62.

ZEA113 Mangelsdorf, P.C., Roberts, L.M. & Rogers, J.S. Crosses of
1981 Zea diploperennis with corn. Maize Genet. Coop. Newsl., 55: 19-21.

ZEA114 McClintock, B. Significance of chromosome constitutions in
1978 tracing the origin and migration of races of maize in the Americas. In Walden, D.B., ed. Maize breeding and genetics. New York, John Wiley, p.159-184.

ZEA115 Mertz, E.T. & Bates, L.S. Mutant gene that changes protein
1964 composition and increases lysine content of maize endosperm. Science, N.Y., 145: 279-280.

ZEA116 Milatz, R. Kriterien der Getreidarten, einschleisslich Maiz
1970 und ihre Bewertung zur Sortenidentifizierung. Bonn.

ZEA117 Moore, C.L. & Jinahyon, S. Utilisation of maize germplasm in
1973 Thailand. Agron. Abstr., 1973: 10.

ZEA118 Mosser, J.L. Teosinte: new traits from old corn. In Corn
1979 annual, Washington, D.C., Corn Refiners Assoc. Inc., p.30-31.

ZEA119 Paterniani, E. & Goodman, M.M. Races of maize in Brazil and
1978 adjacent areas. El Batan, Mexico, CIMMYT.

ZEA120 Paulis, J.W. & Wall, J.S. Comparison of the protein
1977 compositions of selected corns and their wild relatives, teosinte and Tripsacum. J. Agric. Food Chem., 25: 265-270.

ZEA121 Porteres, R. L'introductions du mais en Afrique. J. Agric.
1955 Trop. Bot. Appl., 2: 221-231.

ZEA122 Ramirez, E. et al. Races of maize in Bolivia. Nat. Acad.
1960 Sci., Nat. Res. Counc. Publ. no.747. 159pp.

ZEA123 Ramirez E, R., Timothy, D.H., Diaz B, E., Grant, U.J., (con
1961 la colaboracion de Calle, G.E.N., Anderson, E. & Brown, W.L.) Razas de maiz en Bolivia. Bogota, D.E., Ministero de Agricultura de Colombia - Oficina de Investigaciones Especiales, Division de Investigaciones Agropecuarias. Bol. Tec. no.9. 157pp.

ZEA124 Randolf, L.F. History and origin of corn. II.
1955 Cytogenetic aspects of the origin and evolutionary history of corn. In Sprague, G.F., ed. Corn and corn improvement. New York, Academic Press, p.18-57.

ZEA125 Randolf, L.F. The origin of maize. Indian J. Genet. Plant
1959 Breed., 19: 1-12.

ZEA126 Randolf, L.F. Variation among tripsacum populations of
1970 Mexico and Guatemala. Brittonia, 22: 305-337.

ZEA127 Randolph, L.F. Contributions of wild relatives of maize to
1976 the evolutionary history of domesticated maize: a synthesis of divergent hypotheses I. Econ. Bot., 30: 321-345.

ZEA128 Randolph, L.F. Maize evolution: a manuscript. Econ. Bot.,
1982 36: 193-194.

ZEA129 Reeves, R.G. & Mangelsdorf, P.C. The origin of corn: II.
1959 Teosinte a hybrid of corn and Tripsacum. Bot. Mus. Leafl. Harv. Univ., 18: 357-387.

ZEA130 Reeves, R.G. & Mangelsdorf, P.C. The origin of corn: V. A
1959 critique of current theories. Bot. Mus. Leafl. Harv. Univ., 18: 428-440.

ZEA131 Roberts, L.M. et al. Races of maize in Colombia. Nat. Acad.
1957 Sci., Nat. Res. Counc. Publ. no.511. 128pp.

ZEA132 Roberts, L.M., Grant, U.J., Ramirez E, R., Hatheway, W.H. &
1957 Smith, D.L. (con la colaboracion de Mangelsdorf, P.C.) Razas de maiz en Colombia. Bogota, D.E., Ministero de Agricultura de Colombia-Oficina de Investigaciones Especiales. Bol. Tec. no.2. 159pp.

ZEA133 Sarkar, K.R., Mukherjee, B.K., Gupta, D. & Jain, H.K.
1974 Maize. In Hutchinson, J.B., ed. Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.121-127.

ZEA134 Sehgal, S.M. & Brown, W.L. Introgression in corn belt
1965 maize. Econ. Bot., 19: 83-88.

ZEA135 Shamaraev, G.E. {Varietal variation in maize and its
1969 utilisation in plant breeding.} Trudy Prikl. Bot. Genet. Selek., 41(1): 94-112. (In Russian)

ZEA136 Shmaraev, G.E. {On the distribution and primary centres of
1971 maize provenance.} Trudy Prikl. Bot. Genet. Selek., 46: 84-90. (In Russian)

ZEA137 Shmaraev, G.E. {Primary gene centres and the evolution of
1979 maize.} Byull. Vses. Inst. Rastenievod., 91: 32-37. (In Russian)

ZEA138 Singh, B. Current maize cultivars of north eastern
1974 Himalayan region. SABRAO J., 6: 229-235.

ZEA139 Smith, C.E. Jr. Ancient Peruvian highland maize. In Lynch,
1980 T.F., ed. Guitamarrero cave: early man in the Andes. New York, Academic Press, p.121-143.

ZEA140 Smith, J.S.C. & Lester, R.N. Biochemical systematics and
1980 evolution of Zea, Tripsacum and related genera. Econ. Bot., 34: 201-218.

ZEA141 Smith, J.S.C., Goodman, M.M. & Kato, Y.T.A. Variation
1982 within teosinte. II. Numerical analysis of chromosome knob data. Econ. Bot., 36: 100-112.

ZEA142 Smith, J.S.C., Goodman, M.M. & Lester, R.N. Variation
1981 within teosinte. 1. Numerical analysis of morphological data. Econ. Bot., 35: 187-203.

ZEA143 Sprague, G.F. Genetic vulnerability in corn and sorghum.
1971 Proc. Ann. Corn and Sorghum Res. Conf., 26: 96-104.

ZEA144 Sprague, G.F., ed. Corn and corn improvement. 2nd ed.
1977 Madison, Wis., American Society of Agronomy. 774pp.

ZEA145 Stalker, H.T., Harlan, J.R. & Wet, J.M.J. de. Cytology and
1977 morphology of Maize - Tripsacum introgression. Crop Sci., 17: 745-748.

ZEA146 Stalker, H.T., Harlan, J.R. & Wet, J.M.J. de. Observations
1977 on introgression of Tripsacum into maize. Am. J. Bot., 64: 1162-1169.

ZEA147 Stanton, W.R. Archeological evidence for changes in maize
1963 types in West Africa. Man, 150: 117.

ZEA148 Stoner, C.R. & Anderson, E. Maize among the hill peoples of
1949 Assam. Ann. MO.Bot. Gard., 36: 355-444.

ZEA149 Tatum, L.A. The southern corn leaf blight epidemic.
1971 Science, N.Y., 171: 1113-1116.

ZEA150 Timothy, D.H. et al. Races of maize in Chile. Nat. Acad.
1961 Sci., Nat. Res. Counc. Publ. no.867. 84pp.

ZEA151 Timothy, D.H. et al. Races of maize in Ecuador. Nat.
1963 Acad. Sci., Nat. Res. Counc. Publ. 147pp.

ZEA152 Walden, D.B., ed. Maize breeding and genetics. New York,
1978 John Wiley. 794pp.

ZEA153 Wallace, H.A. & Brown, W.L. Corn and its early fathers.
1956 East Lansing, USA, Michigan State University Press.

ZEA154 Weatherwax, P. The origin of the maize plant and maize
1936 agriculture in ancient America. University of New Mexico. Anthropology series bull. no.296. 7pp.

ZEA155 Weatherwax, P. Early history of corn and theories as to its
1955 origin. In Sprague, G.F., ed. Corn and corn improvement. New York, Academic Press. p.1-16.

ZEA156 Wellhausen, E.J. Variation of maize in Mexico and Central
1960 America. Its present and future utilisation. Proc. 1st Meeting Maize Section Eucarpia, p.38-45.

ZEA157 Wellhausen, E.J. et al. Races of maize in Central America.
1957 Nat. Acad. Sci., Nat. Res. Counc. Publ. no.511. 128pp.

ZEA158 Wellhausen, E.J., Fuentes O, A. & Hernandez C, A. (en
1958 colaboracion con Mangelsdorf, P.C.) Razas de maiz en la America Central. Mexico, Secretaria de Agricultura y Ganaderia - Oficina de Estudios Especiales. Bol. Tec. no.31. 138pp.

ZEA159 Wellhausen, E.J., Roberts, L.M. & Hernandez X, E. (in
1952 collaboration with Mangelsdorf, P.C.) Races of maize in Mexico. Harvard, Bussey Institution of Harvard University. 223pp.

ZEA160 Wet, J.M.J. de. Origin and domestication of maize. Dep.
1981 Agric. Fisheries, South Africa, Tech. Comm. No.172, p.14-20.

ZEA161 Wet, J.M.J. de & Harlan, J.R. Origin of maize: the
1972 tripartite hypothesis. Euphytica, 21: 271-279.

ZEA162 Wet, J.M.J. de & Harlan, J.R. Cytogenetic evidence for the
1976 origin of teosinte (Zea mays ssp. mexicana). Euphytica, 25: 447-455.

ZEA163 Wet, J.M.J. de & Harlan, J.R. Tripsacum and the origin of
1978 maize. In Walden, D.B., ed. Maize breeding and genetics. New York, John Wiley, p.129-141.

ZEA164 Wet, J.M.J. de et al. Cytology of maize - Tripsacum
1972 introgression. Am. J. Bot., 59: 1026-1029.

ZEA165 Wet, J.M.J. de, Gray, J.R. & Harlan, J.R. Systematics of
1976 Tripsacum (Gramineae). Phytologia, 33: 203-227.

ZEA166 Wet, J.M.J. de, Harlan, J.R. & Grant, C.A. Origin and
1971 evolution of teosinte. Euphytica, 20: 255-265.

ZEA167 Wet, J.M.J. de, Harlan, J.R. & Randrianasolo, A.V.
1978 Morphology of teosintoid and tripsacoid maize (Zea mays L.). Am. J. Bot., 65: 741-747.

ZEA168 Wet, J.M.J. de, Stalker, H.T. & Randrianasolo, A.V. The
1978 origin of tripsacoid maize (Zea mays L.). Evolution, 32: 233-244.

ZEA169 Wet, J.M.J. de, Harlan, J.R., Lambert, R.J. & Engle, L.M.
1972 Introgression from Tripsacum into Zea and the origin of maize. Caryologia, 25: 25-31.

ZEA170 Wet, J.M.J. de, Timothy, D.H., Hilu, K.W. & Fletcher, G.B.
1981 Systematics of South American Tripsacum (Gramineae). Am. J. Bot., 68: 269-276.

ZEA171 Wilkes, H.G. Teosinte, the closest relative of maize.
1967 Bussey Institute Harvard University. 159pp.

ZEA172 Wilkes, H.G. Teosinte introgression in the maize of
1970 Nobogame valley. Bot. Mus. Leafl. Harvard Univ. 22: 297-311.

ZEA173 Wilkes, H.G. Genetic erosion in teosinte. Plant Genet.
1972 Resour. Newsl., 28: 3-10.

ZEA174 Wilkes, H.G. Maize and its wild relatives. Science, N.Y.,
1972 177: 1071-1077.

ZEA175 Wilkes, H.G. Hybridization of maize and teosinte in Mexico
1977 and Guatemala and the improvement of Maize. Econ. Bot., 31: 254-293.

ZEA176 Wilkes, H.G. The origin of corn - studies of the last hundred
1977 years. In Seigler, D.S., ed. Crop resources. New York, Academic Press, p.211-223.

ZEA177 Wilkes, H.G. Maize in India. Maize Genet. Coop. Newsl., 55:
1981 13-15.

ZEA178 Willett, F. The introduction of maize into West Africa: an
1962 assessment of recent evidence. Africa, 32: 1-13.

ZEA179 Yamakake, T.A.K. Cytological studies of maize (Zea mays L.)
1976 and teosinte (Zea mexicana Schrader Kuntze) in relation to their origin and evolution. Massachusetts Agric. Exp. Station Res. Bull. no.635. 184pp.

Other relevant references :

A28,A138,B124,B125,C13,C39,D5,D43,D79,D84,D86,D112,D143,G150,J27,J42,
J131,L11,L136,N25,N33,Q41,Q144,S9,S22

WILD RICE

OCR1 Anderson, R.A. Wild rice: its history, current production,
1978 use. Rice J., 81: 34-38.

OCR2 Wet, J.M.J. de, Oelke, E.A. Domestication of American wild
1978 rice (Zizania aquatica L., Gramineae). J. Agric. Trad. Bot. Appl., 25: 67-84.

Other relevant reference :

Q41

2 SMALL GRAINS

SMALL GRAINS - GENERAL

SGR1 Kuckuck, H. Present situation of genetic resources of small
1973 grains in Syria, Iraq, Iran, Afghanistan and West Pakistan. In Hawkes, J.G. & Lange, W., ed. European and regional gene banks. Wageningen, Eucarpia, p.74-77.

SGR2 Reitz, L.P. & Craddock, J.C. Diversity of germ plasm in
1969 small grain cereals. Econ. Bot., 23: 315-323.

Other relevant reference :

A268

AMARANTHUS, CHENOPODIUM, FAGOPYRUM

AMA1 Aellen, P. & Just, T. Key and synopsis of the American
1943 species of the genus Chenopodium L. Amer. Midl. Nat., 30: 47-67.

AMA2 Campbell, C.G. Buckwheat. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.235-237.

AMA3 Choqueticlla, E.E. Morfologia y variabilidad de las
1980 canahuas cultivadas (Chenopodium pallidicaule Aellen). In Corral, O.L. & Cardenas, J.H., eds. Segundo Congr. Int. sobre cultivas andinos. Riobamba, Ecuador, Facultad de Ingeneria Agronomia, Escuele Superior Politecnica de Chimborazo, p.307-323.

AMA4 Coons, M.P. Relationships of Amaranthus caudatus. Econ.
1982 Bot., 36: 129-146.

AMA5 Feine, L.B., Harwood, R.R., Kauffmann, C.S. & Senft, J.P.
1979 Amaranth. Gentle giant of the past and future. In Ritchie, G.A., ed. New agricultural crops. Boulder, Colorado, Westview Press, p.41-63.

AMA6 Gade, D.W. Ethnobotany of Canihua (Chenopodium
1970 pallidicaule), rustic seed crop of the Altiplano. Econ. Bot., 24: 55-61.

AMA7 Gandarillas, H. Razas de quinua. La Paz, Bolivia,
1968 Ministerio de Agricultura, Division de Investigaciones Agricolas, Instituto Boliviano de Cultivos Andinos, Bol. Exp. no.34. 53pp.

AMA8 Gandarillas Santa Cruz, H. The genetics and origin of
1976 quinua (Chenopodium quinoa). Bol. Genet. Inst. Fitotecnia, Castelar, 9: 3-14.

AMA9 Grant, W.F. Cytogenetic studies in Amaranthus III.
1959 Chromosome numbers and phylogenetic aspects. Can. J. Genet. Cytol., 1: 313-328.

AMA10 Grubben, J.G.H. The cultivation of amaranth as a tropical
1976 leaf vegetable. Amsterdam, Department of Agricultural Research, Royal Tropical Institute, Communication 67. 207pp.

AMA11 Grubben, G.J.H. Germplasm of vegetable and grain amaranths.
1980 Plant Genet. Resour. Newsl., 42: 33-35.

AMA12 Grubben, G.J.H. & Sloten, D.H. van. Genetic resources of
1981 amaranths. Rome, IBPGR. 57pp.

AMA13 Haas, P.W. The Rodale amaranth germplasm collection. In
1980 Proc. 2nd Amaranth conference. Emmaus, Pennsylvania, Rodale Press, p.135-141.

AMA14 Hanelt, P. Bemerkungen zur Systematik und Anbaugeschichte
1968 einiger Amaranthus Arten. Kulturpflanze, 16: 127-149.

AMA15 Hauptli, H. & Jain, S. Amaranth and meadowform: two new
1977 crops ? Calif. Agric., 31: 6-7.

AMA16 Hauptli, H. & Jain, S.K. Biosystematics and agronomic
1978 potential of some weedy and cultivated amaranths. Theor. Appl. Genet., 52: 177-185.

AMA17 Hauptli, H., Lutz, R.L. & Jain, S.K. Germplasm exploration
1980 in Central and South America. In Proc. 2nd Amaranth conference. Emmaus, Pennsylvania, Rodale Press, p.117-122.

AMA18 Heisler, C.B. Jr. & Nelson, D.C. On the origin of the
1974 cultivated chenopods (Chenopodium). Genetics, Princeton, 78: 503-505.

AMA19 Hunziker, A.T. Las especies alimenticias de Amaranthus y
1943 Chenopodium cultivadas por los Indios de America. Rev. Argentina Agron., 10: 297-355.

AMA20 Instituto Interamericano de Ciencias Agricolas & Unidad de
1976 Cooperacion Institucional para la Reforma Agraria. Bibliografia internaciol de quinua y canahua. Bogota, Colombia, IICA/CIDIA Documentacion e Informacion Agric. no.45. 45pp.

AMA21 Lescano Rivero, J.L. Advances en las evaluaciones del banco
1980 de germoplasma de quinua (Chenopodium quinoa Will.). In Corral, O.L. & Cardenas, J.H., eds. Segundo Congr. Int. sobre cultivas andinos. Riobamba, Ecuador, Facultad de Ingeneria Agronomia, Escuele Superior Politecnica de Chimborazo, p.31-45.

AMA22 Llanos Malpartida, G. Quinua, Canihua y coyos. Lima, Peru,
1938 Ministerio de Agricultura, Direccion General de Agricultura Publicaciones e Informaciones. 40pp. (In Spanish and English)

AMA23 Looser, G. "Chonopodium quinoa" un coltivo que desparace de
1943 Chile. Rev. Argentina Agron., 10: 111-113.

AMA24 Looser, G. Cultivos de quinoa en Chile. Rev. Argentina
1946 Agron., 13: 285-286.

AMA25 Marx, J.L. Amaranth; a comeback for the food of the Aztecs ?
1977 Science, N.Y., 198: 40.

AMA26 Matano, T. & Ujihara, A. Agroecological classification and
1979 geographical distribution of the common buckwheat, Fagopyrum esculentum M. in the East Asia. Jap. Agric. Res. Quart., 13: 157-162.

AMA27 Pal, M. & Khoshoo, T.N. Grain amaranths. In Hutchinson,
1974 J.B., ed. Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.129-137.

AMA28 Sauer, J.D. The grain amaranths: a survey of their history
1950 and classification. Ann. MO. Bot. Gard., 37: 561-632.

AMA29 Sauer, J.D. The grain amaranths and their relatives: a
1967 revised taxonomic and geographic survey. Ann. MO. Bot. Gard., 54: 103-137.

AMA30 Sauer, J.D. Grain amaranths. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.4-7.

AMA31 Sauer, J.D. The history of grain amaraths and their use and
1977 cultivation around the world. Proc. 1st Amaranth Seminar July 1977. Emmaus, Pa, USA, Rodale Press, p.9-15.

AMA32 Shevchook, T.E. The buckwheat (Fagopyrum esculentum Moench)
1982 phylogeny investigated through the immuno-chemical characteristics of proteins in seeds. Fagopyrum, 2: 10-11.

AMA33 Simmonds, N.W. The grain chenopods of the tropical American
1965 highlands. Econ. Bot., 19: 223-235.

AMA34 Simmonds, N.W. Quinoa and relatives. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.29-30.

AMA35 Tapia, M.E. La canihua. Puno, Peru, Universidad Tecnica del
1968 Altiplano, Facultad de Agronomia, Bol. Tec. no.1. 11pp.

AMA36 Tapia, M., Gandarillas, H., Alandia, S., Cardozo, A. &
1979 Mujica, A. Quinua y la kinawa: cultivos andinos. Bogota, Colombia, Centro Internacional de Investigaciones para el Desarrollo, Instituto Internacional de Ciencias Agricolas Oficina Regional para la America. 228pp.

AMA37 Vargas, C.C. Nota ethnobotania sobre la canihua
1938 (Chenopodium pallidicaule). Rev. Argentina Agron., 5: 224-230.

AMA38 Vietmeyer, N. The revival of the amaranth. Ceres, FAO, 89:
1982 43-46.

AMA39 Wilson, H.D. Domesticated Chenopodium of the Ozark Bluff
1981 dwellers. Econ. Bot., 35: 233-239.

AMA40 Wilson, H.D. & Heiser, C.B.,Jr. The origin and evolutionary
1979 relationships of 'huauzontle' (Chenopodium nuttalliae Safford), domesticated chenopod of Mexico. Am. J. Bot., 66: 198-206.

Other relevant references :

D39,J30,J100,N40,Q41,CER13,MIL21

MILLETS

MIL1 Agafonov, N.P. {World gene pool of millet.} Trudy Prikl.
1973 Bot. Genet. Selek., 49(3): 120-131. (In Russian)

MIL2 Amawate, J.S. & Debral, K.C. Variability in kodo-millet
1970 (Paspalum scrobiculatum L.). Indian J. Agric. Sci., 40: 618-622.

MIL3 Anishetty, N.M., Ayad, W.G. & Toll, J. Directory of
1981 germplasm collections, 3: Cereals, 4. Sorghum and millets. Rome, IBPGR. 37pp.

MIL4 Arora, R.K. Job's-tears (Coix lacryma-jobi) - a minor food
1977 and fodder crop of northeastern India. Econ. Bot., 31: 358-366.

MIL5 Bilquez, A.P. & Le Conte, J. Relations entre mils sauvages
1969 et mils cultives. Etude de l'hybride Pennisetum typhoides Stapf. et Hubbard X P. violaceum. Agron. Trop., 24: 249-257.

MIL6 Bono, M. Contribution a la morpho-systematique des
1973 Pennisetum annuals cultives pour leur grain en Afrique occidentale francophone. Agron. Trop., 28: 229-355.

MIL7 Bouchet, P. Les mils et sorghos dans la Republique du Mali.
1963 Agron. Trop., 18: 85-107.

MIL8 Brunken, J.N. Morphometric variation and classification of
1979 Pennisetum section Brevivalvula (Gramineae) in tropical Africa. Bot. J. Linn. Soc., 79: 51-64.

MIL9 Brunken, J., Wet, J.M.J. de & Harlan, J.R. The morphology
1977 and domestication of pearl millet. Econ. Bot., 31: 163-174.

MIL10 Burton, G.W. Breeding methods for pearl millet (Pennisetum
1959 glaucum) indicated by genetic variance component studies. Agron. J., 51: 479-481.

MIL11 Burton, G.W. Collecting, maintaining and utilising germ
1970 plasm of pearl millet, a highly cross-pollinated species. Agron. Abstr., 1970: 6.

MIL12 Callen, E.O. The first New World cereal. [Setaria] Am.
1967 Antiq., 32: 535-538.

MIL13 Catherinet, M.D., Gabarit, J. & Mayaki, A. Le mil et le
1963 sorgho dans l'agriculture du Niger. Probleme d'amelioration. Agron. Trop., 18: 108-125.

MIL14 Chandola, R.P. Cytogenetics of millets. Cytologia, 24:
1959 115-137.

MIL15 Chennaveeraiah, M.S. & Hiremath, S.C. Genome analysis of
1974 Eleusine coracana (L.) Gaertn. Euphytica, 23: 489-495.

MIL16 Costanza, S.H., Wet, J.M.J. de. & Harlan, J.R. Literature
1980 review and numerical taxonomy of Eragrostus tef (T'ef). Econ. Bot., 33: 413-424.

MIL17 Dumont, St. Mils et sorghos cultives dans le Niger-Est.
1966 Agron. Trop., 21: 883-917.

MIL18 Ferraris, R. Pearl millet (Pennisetum typhoides).
1973 Commonwealth Bureau of Pastures and Field Crops, Review Series, no.1. 70pp.

MIL19 Ganeshaiah, K.N. & Shaanker, R.U. Evolution of reproductive
1982 behaviour in the genus Eleusine. Euphytica, 31: 397-404.

MIL20 Gast, M. & Adrian, J. Mils et sorgho en Ahaggar. Mem. Cent.
1965 Rech. Anthrop. Prehist. Ethnog. Cons. Rech. Sci. Algerie, 4: 1-80.

MIL21 Hanelt, P. Zur Geschichte des Anbaues von Buchweizen und
1981 Rispenhirse in der Lausitz. Abh. Ber. Naturkundemus. Golitz, 55: 1-13.

MIL22 Harinarayana, G. Millet genetic resources in India. Plant
1979 Genet. Resour. Newsl., 40: 27-30.

MIL23 Hilu, K.W. & Wet, J.M.J. de. Racial evolution in Eleusine
1976 coracana ssp. coracana (finger millet). Am. J. Bot., 63: 1311-1318.

MIL24 Hilu, K.W. & Wet, J.M.J. de. Domestication of Eleusine
1976 coracana. Econ. Bot., 30: 199-208.

MIL25 Hilu, K.W., Wet, J.M.J. de, & Harlan, J.R. Archaeobotanical
1979 studies of Eleusine coracana ssp. coracana (finger millet). Am. J. Bot., 66: 330-333.

MIL26 Hilu, K.W., Wet, J.M.J. de, & Seigler, D. Flavonoid
1978 patterns and systematics in Eleusine. Biochem. Syst. Ecol., 6: 247-249.

MIL27 Hulse, J.H., Laing, E.M. & Pearson, O.E. Sorghum and
1980 millets: their composition and nutritive value. London, Academic Press. 997pp.

MIL28 Hussaini, S.H., Goodman, M.M. & Timothy, D.H. Multivariate
1977 analysis and the geographical distribution of the world collection of finger millet. Crop Sci., 17: 257-263.

MIL29 Jain, S.K. & Banerjee, D.K. Preliminary observations on the
1974 ethnobotany of the genus Coix. Econ. Bot., 28: 38-42.

MIL30 Jauhar, P.P. Cytogenetics and breeding of pearl millet and
1981 related species. New York, Alan R. Liss. 289pp.

MIL31 Jones, B.M.G., Ponti, J., Tavassoli, A. & Dixon, P.A.
1978 Relationships of the Ethiopian cereal t'ef (Eragrostis tef (Zucc.) Trotter): evidence from morphology and chromosome number. Ann. Bot., 42: 1369-1373.

MIL32 Kempanna, C. Phytogeographical studies of Eleusine
1969 coracana. Mysore J. Agric. Sci., 3: 22-31.

MIL33 Kempanna, C. & Govindu, H.C. Pattern of phenotypic
1969 variation in African collections of Eleusine coracana. Mysore J. Agric. Sci., 3: 299-305.

MIL34 Kempanna, C. & Govindu, H.C. Patterns of phenotypic
1969 variability in the Indian collections of Eleusine coracana. Mysore J. Agric. Sci., 3: 306-312.

MIL35 Koul, A.K. Job's tears. In Hutchinson, J.B., ed.
1974 Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.3-30.

MIL36 Krishnaswamy, N. Origin and distribution of cultivated
1951 plants of South Asia: Millets. Indian J. Genet. Plant Breed., 11: 67-74.

MIL37 Madhava Rao, T.et al. Studies on the variability in pearl
1971 millet in Mysore State. Mysore J. Agric. Sci., 5: 431-439.

MIL38 Manchanda, P.L., Upadhyay, M.K. & Murthy, B.R. Evaluation
1966 of a world collection of genetic stocks of Pennisetum. 2. Pattern of genetic variation. Indian J. Genet. Plant Breed., 26: 195-202.

MIL39 Mansfeld, R. Zur Systematik und Nomenklatur der Hirsen.
1952 Zuchter, 22: 304-315.

MIL40 Marchal, A. Les penicillaires cultives au Niger. Agron.
1950 Trop., 5: 582-592.

MIL41 Mehra, K.L. Considerations on the African origin in Eleusine
1963 corocana (L.) Gaertn. Curr. Sci., 32: 300-301.

MIL42 Murty, B.R. Analysis of divergence in a world collection of
1966 Sorghum and Pennisetum. African Soils, 11: 453-462.

MIL43 Murty, B.R., Upadhyay, M.K. & Manchanda, P.L.
1967 Classification and cataloguing of a world collection of genetic stock of Pennisetum. Indian J. Genet. Plant Breed., 27: 313-394.

MIL44 Nayar, K.M.D., Pushpa, G., Shambulingappa, K.G. & Reddy,
1979 B.G.S. Karyomorphological studies in the genus Eleusine. Mysore J. Agric. Sci., 13: 141-147.

MIL45 ORSTOM. La variabilite naturelle connue chez les mils
1975 penicillaires cultives et souvages: inventaire en vue d'une prospection en Afrique de l'ouest. Paris, ORSTROM. 17pp.

MIL46 Pasquereau, J. Inventaire des mils et sorghos cultives en
1966 Republique du Mali. CR de mission Bamako. Div. Rech. Agron. Minist. Production, 171pp.

MIL47 Phillips, S.M. A survey of the genus Eleusine Agertn.
1972 (Gramineae) in Africa. Kew Bull., 27: 251-270.

MIL48 Porteres, R. African cereals: Eleusine, fonio, black
1976 fonio teff, Brachiaria, Paspalum, Pennisetum, and African rice. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.409-452.

MIL49 Purseglove, J.W. Millets. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.91-93.

MIL50 Renvoize, S.A. New species of Panicum (Gramineae) from
1980 tropical Africa. Kew Bull., 34: 551-555.

MIL51 Singh, H.B. & Arora, R.K. Raishon (Digitaria sp.) - a minor
1972 millet of the Khasi hills. Econ. Bot., 26: 376-380.

MIL52 Terrell, E.E. The correct names for pearl millet and yellow
1976 foxtail. Taxon, 25: 297-304.

MIL53 Upadhyay, M.K., & Murthy, B.R. Genetic divergence in
1970 relation to geographical distribution in pearl millet. Indian J. Genet. Plant Breed., 30: 704-715.

MIL54 Upadhyay, M.K., Manchanda, P.L. & Murthy, B.R. Studies in
1966 the genetic variability of pearl millet. Sorghum Newsl., 9: 48-51.

MIL55 Venkateswarlu, J. & Chaganti, R.S.K. Job's-tears (Coix
1973 lacryma-jobi L.) Tech. Bull. Indian Council Agric. Res., No.44, 54pp.

MIL56 Wet, J.M.J. de, Oestry-Stidd, L.L. & Cubero J.I. Origins
1979 and evolution of foxtail millets (Setaria italica). J. Agric. Trad. Bot. Appl., 26: 53-64.

MIL57 Williams, J.T. & Farias, R.M. Utilisation and taxonomy of
1972 the desert grass Panicum turgidum. Econ. Bot., 26: 13-20.

MIL58 Williams, R.D. & Schreiber, M.M. Numerical and
1976 chemotaxonomy of the green foxtail complex. Weed Sci., 24: 331-335.

MIL59 Yabuno, T. Cytological relationships between some
1973 Echinochloa species and Kenyan E. haploclada (Stapf) Stapf. Cytologia, 38: 131-135.

Other relevant references :

J60,J119,J150,K12,N53,Q41,Q98,CER13,SOR9,SOR47,SOR63,SOR66,SOR74

3 ROOTS AND TUBERS

TUBERS - GENERAL

TUB1 Cook, J., MacIntyre, R. & Graham, M., eds. Proc. 4th Symp.
1977 Int. Soc. Tropical root crops. Section 1. Origin, dispersal and evolution. Ottawa, International Development Research Centre, p.19-67.

TUB2 Damania, A.B. & Williams, J.T. Directory of germplasm
1980 collections, 2: Root crops. Rome, IBPGR. 54pp.

TUB3 Doku, E.V. Root crops in Ghana. Ghana J. Sci., 6: 15-36.
1936

TUB4 Jackson, G.V.H. Root crop genetic resources of Solomon
1981 Islands. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.93-108.

TUB5 Kay, D.E. Root crops. TPI crop and product digest no.2.
1973 London, Tropical Products Institute, 245pp.

TUB6 Leon, J. Origin, evolution, and early dispersal of root and
1977 tuber crops. In Cook, J., MacIntyre, R. & Graham. M., eds. Proc. 4th Symp. Int. Soc. tropical root crops. Section I. Origin, dispersal, and evolution. Ottawa, International Development Research Centre, p.20-36.

TUB7 Martin, F.W. A collection of yams from the region from
1974 India to the South Pacific. Trop. Root Tuber Crops Newsl., 7: 35-37.

TUB8 Montaldo, A. Bibliografia de raices y tuberculos tropicales.
1967 Rev. Fac. Agron. Univ. Cen. Venezuela, 13: 1-595.

TUB9 Montaldo, A. Bibliografia de raices y tuberculos tropicales.
1971 Rev. Fac. Agron. Univ. Cen. Venezuela, 13, Suppl. 2: 1-83 ; Suppl. 3: 1-275.

TUB10 Onwueme, I.C. The tropical tuber crops. Chichester, U.K.,
1978 John Wiley. 234pp.

TUB11 Sastrapradja, S. Inventory, evaluation and maintenance of
1971 the genetics stocks at Bogor. In Tropical root and tuber crops tomorrow. Honolulu, Univ. of Hawaii, Vol.2. p.87-89.

TUB12 Sastrapradja, S., Wulijarni-Soetjipto, N., Danimihardja, S.
1981 & Soejono, R. Root and tuber crops. (Engl. version: Prana, M.S. & Danimhardja, S.; Lamoureux, C.H. & Rifai, M.A., eds.) Rome, IBPGR. 107pp.

TUB13 Solis, M.A. Tuberculos, raices y rizomas cultivados en el
1980 Ecuador. In Corral, O.L. & Cardenas, J.H., eds. Segundo Congr. Int. sobre cultivos andinos. Riobamba, Ecuador, Facultad de Ingeneria Agronomica, Escuele Superior Politecnica de Chimborazo, p.175-188.

Other relevant references :

A181,A268,D117,N90

ARCIDS

ARO1 Bai, K. et al. Meiosis and pollen mitosis in diploid and
1971 tetraploid Colocasia antiquorum Schott. Genetica, 42: 187-198.

ARO2 Bunting, G.S. Sinopsis de las Araceae de Venezuela. Rev.
1979 Fac. Agron., 10: 139-285.

ARO3 Coursey, D.G. The edible aroids. World Crops, 20: 25-30.
1968

ARO4 Ghani, F.D. Germplasm distribution of Colocasia cultivars
1980 in Peninsular Malaysia. IBPGR Southeast Asian Newsl., 4, no.2: 10.

ARO5 Haudricourt, A. Les colocasiees alimentaires (taros et
1941 yautias). Les alocasia. Rev. Bot. Appl. Agric. Trop., 21: 55-58.

ARO6 Kuruvilla, K.M. & Singh, A. Karyotypic and electrophoretic
1981 studies on taro and its origin. Euphytica, 30: 405-413.

ARO7 Pancho, J.V. Notes on cultivated aroids in the Philippines:
1959 the edible species. Baileya, 7: 63-70.

ARO8 Pena, R.S. de la. The edible aroids in the Asian-Pacific
1971 area. In Tropical root and tuber crops tomorrow. Honolulu, Univ. of Hawaii, Vol.1. p.136-140.

ARO9 Plucknett, D.L. The status and future of the major edible
1971 aroids, Colocasia, Xanthosoma, Alocasia, Cyrtosperma and Amorphophallus. In Tropical root and tuber crops tomorrow. Honolulu, Univ. of Hawaii, Vol.1. p.127-135.

ARO10 Plucknett, D.L. Edible aroids. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.9-12.

ARO11 Plucknett, D.L. Giant swamp taro, a little-known Asian-
1977 Pacific food crop. In Cook, J., MacIntyre, R. & Graham, M., eds. Proc. 4th Symp. Int. Soc. Trop. Root Crops. Section I. Origin, dispersal, and evolution. Ottawa, International Development Research Centre, p.36-40.

ARO12 Plucknett, D.L., Pena, R.S. de la & Obrero, R. Taro
1970 (Colocasia esculenta). Field Crop Abstr., 23: 413-426.

ARO13 Spier, R.F.G. Some notes on the origin of taro. S.W.J.
1951 Anthrop, Albuquerque, 7: 69-76.

ARO14 Whitney, L.D., Bowers, F.I.A. & Takahashi, M. Taro
1939 varieties in Hawaii. Hawaii Agric. Exp. Sta. Bull. 84.

ARO15 Wright, J. Cocoyam varieties in the Gold Coast. Bull. Gold
1930 Coast Dep. Agric., 23: 198-201.

Other relevant references :

M1,M104,N34

DIOSCOREA

DI01 Alexander, J. 1969 The domestication of yams: a multidisciplinary approach. In Brothwell, D.R. & Higgs, E., eds. Science in archaeology. 2nd ed. London, Thames & Hudson, p.229-234.

DI02 Alexander, J. & Coursey, D.G. 1969 The origins of yam cultivation. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p. 405-425.

DI03 Ayensu, E.S. & Coursey, D.G. 1972 Guinea yams. The botany, ethnobotany, use and possible future of yams in West Africa. Econ. Bot., 26: 301-318.

DI04 Burkill, I.H. 1939 Notes on the genus Dioscorea in the Belgian Congo. Bull. Jard. Bot. Etat Brux., 15: 345-392.

DI05 Burkill, I.H. 1950 The rise and decline of the greater yam in the service of man. Advancement Sci., Lond., 7: 443-448.

DI06 Burkill, I.H. 1951 Dioscoreaceae, Flora Malesiana, Ser. 1, 4: 293-335.

DI07 Burkill, I.H. 1960 Organography and evolution of Dioscoreaceae, the family of the yams. J. Linn. Soc. Bot. Lond., 66: 319-412.

DI08 Chevalier, A. 1952 De quelques Dioscorea d'Afrique Equatoriale toxique dont plusiers varieties sont alimentaires. Rev. Int. Bot. Appl. Agric. Trop., 32: 14-19.

DI09 Corkill, N.L. 1948 The poisonous wild cluster yam, Dioscorea dumetorum Pax. as a famine food in the Anglo-Egyptian Sudan. Ann. Trop. Med. Parasitol., 42: 278-287.

DI010 Coursey, D.G. 1965 The role of yams in west African food economics. World crops, 17: 74-82.

DI011 Coursey, D.G. Yams. London, Longmans Green. 222pp.
1967

DI012 Coursey, D.G. Yams in East Africa. Uganda J., 3: 86.
1969

DI013 Coursey, D.G. The civilisations of the yam:
1972 interrelationships of man and yams in Africa and the Indo-Pacific region. Archaeol. Phys. Anthrop. Oceania, 7: 215-233.

DI014 Coursey, D.G. Genetic erosion in West African yams. In
1973 Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome. FAO/IBP, p.67-69.

DI015 Coursey, D.G. The origins and domestication of yams in
1976 Africa. In Harlan, J.R., Wet, J.M.J. de, & Stemler, A.B.L., eds. Origins of African plant domestication. The Hague, Mouton, p.383-408.

DI016 Coursey, D.G. Yams. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.70-74.

DI017 Coursey, D.G. & Martin, F.W. The past and future of the
1971 yams as crop plants. In Tropical root and tuber crops tomorrow. Honolulu, Univ. of Hawaii, Vol.1. p.87-90.

DI018 Cruzado, H.J. et al. Seed-rest and seed viability in the
1964 medicinal Dioscorea species. Proc. Am. Soc. Hortic. Sci., 84: 436-440.

DI019 Eastwood, R.B. & Steele, W.M. The conservation of yam
1978 germplasm in West Africa. Plant Foods for Man, 2: 153-158.

DI020 Gooding, H.J. West Indian Dioscorea alata cultivars. Trop.
1960 Agric., Trin., 37: 11-30.

DI021 Haudricourt, A.G. Nature et culture dans la civilizations
1964 de l'igname origine des clones et des clans. L'Homme, 4: 93-104.

DI022 Jacques-Felix, H. Ignames sauvages et cultivees du
1947 Cameroun. Rev. Int. Bot. Appl. Agric. Trop., 2: 119-133.

DI023 Jumelle, H. Ignames sauvage et ignames cultivees a
1922 Madagascar. Rev. Int. Bot. Appl. Agric. Trop., 2: 193-197.

DI024 Martin, F.W. Yam conservation problems. Plant Genet.
1972 Resour. Newsl., 28: 35-36.

DIO25 Martin, F.W. Yam (Dioscorea spp) in West Africa. In
1973 Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome, FAO/IBP, p.65-67.

DIO26 Martin, F.W. Tropical yams and their potential. 1.
1974 Dioscorea esculenta. U.S. Dep. Agric., Agric. Handb. no.457. 18pp.

DIO27 Martin, F.W. Tropical yams and their potential. 2.
1974 Dioscorea bulbifera. U.S. Dep. Agric., Agric. Handb. no.466. 20pp.

DIO28 Martin, F.W. Yams of South East Asia and their future. In
1975 Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.83-90.

DIO29 Martin, F.W. Tropical yams and their potential. 3. Dioscorea
1976 alata. U.S. Dep. Agric., Agric. Handb. no.495. 40pp.

DIO30 Martin, F.W. & Degras, L. Tropical yams and their
1978 potential. 5. Dioscorea trifida. U.S. Dep. Agric., Agric. Handb. no.522. 26pp.

DIO31 Martin, F.W. & Degras, L. Tropical yams and their
1978 potential. 6. Minor cultivated Dioscorea species. U.S. Dep. Agric., Agric. Handb. No.538. 23pp.

DIO32 Martin, F.W. & Ortiz, S. Chromosome numbers and behaviour in
1963 some species of Dioscorea. Cytologia, 28: 96-101.

DIO33 Martin, F.W. & Rhodes, A.M. Intra-specific classification
1977 of Dioscorea alata. Trop. Agric., 54: 1-13.

DIO34 Martin, F.W. & Rhodes, A.M. The relationship of Dioscorea
1978 cayenensis and D. rotundata. Trop. Agric., 55: 193-206.

DIO35 Martin, F.W. & Sadik, S. Tropical yams and their potential.
1976 4. Dioscorea rotundata and Dioscorea cayenensis. U.S. Dep. Agric., Agric. Handb. no.502. 36pp.

DIO36 Miege, J. Le Dioscorea esculenta Burkill en Cote d'Ivoire.
1948 Rev. Int. Bot. Appl. Agric. Trop., 28: 509-514.

DIO37 Miege, J. Caracteres du Dioscorea minutiflora Engl. Rev.
1950 Int. Bot. Appl. Agric. Trop., 30: 428-432.

DIO38 Miege, J. L'importance economique des ignames en Cote
1952 d'Ivoire. Rev. Int. Bot. Appl. Agric. Trop., 32: 144-155.

DIO39 Miege, J. Deux ignames ouest-africaines a tubercules
1958 vivaces. Bull. Inst. Fr. Afr. Noire, Ser. A, 20: 39-55.

DIO40 Miege, J. & Lyonga, S.N. eds. Yams = Ignames. Oxford,
1982 Oxford University Press. 411 pp.

DIO41 Milne-Redhead, E. Flora of tropical East Africa.
1975 Dioscoreaceae. London, Crown Agents. 25pp.

DIO42 Perrier de la Bathie, H. Ignames cultivees et sauvages de
1925 Madagascar. Rev. Bot. Appl. Agric. Trop., 5: 417-428.

DIO43 Posnansky, M. Yams and the origins of West African
1969 agriculture. J. West Afr. Stud., 1: 101-111.

DIO44 Prain, D. & Burkill, I.H. A synopsis of the Dioscoreas of
1914 the Old World, Africa excluded, with descriptions of new species and varieties. J. Proc. Asiatic Soc. Bengal, 10: 5-41.

DIO45 Prain, D. & Burkill, I.H. An account of the genus
1936 Dioscorea, part 1. Species which turn to the left. Ann. R. Bot. Gdn, Calcutta, 14: 1-210.

DIO46 Prain, D. & Burkill, I.H. An account of the genus
1939 Dioscorea, part 2. Species which turn to the right. Ann. R. Bot. Gdn, Calcutta, 14: 211-528.

DIO47 Sadik, S. & Rockwood, W.G. Introducing the hybrid yam.
1975 Span, 18: 67-68.

DIO48 Sharma, A.K. & De, D.N. Polyploidy in Dioscorea. Genetica,
1956 28: 112-120.

DIO49 Smith, B.W. Notes on the cytology and distribution of the
1937 Dioscoreaceae. Bull. Torrey Bot. Club., 64: 189-197.

DIO50 St. John, H. The Hawaiian variety of Dioscorea pentaphylla,
1954 an edible yam. J. Polynesian Soc., 63: 27-34.

DIO51 Waitt, A.W. Yams, Dioscorea species. Field Crop Abstr.,
1963 16: 145-157.

DIO52 Wildemann, E. de Dioscorea alimentaires et toxiques. Mem.
1938 Inst. Roy. Colon. Belge, G. van Campenhout, Bruxelles.

Other relevant references :

K2,M21,N35

IPOMOEA

IPO1 Anon. 1981 Sweet potato in Papua New Guinea. IBPGR Southeast Asian Newsl., 5. no.4: 5-6.

IPO2 Austin, D.F. 1978 The Ipomoea batatas complex. 1. Taxonomy. Bull. Torrey Bot. Club, 105: 114-129.

IPO3 Chevalier, A. 1951 L'origine et la dispersion de la patate douce. Rev. Int. Bot. Appl. Agric. Trop., 31: 50-52.

IPO4 Cooley, J.S. 1951 The sweet potato - its origin and primitive storage practices. Econ. Bot., 5: 378-386.

IPO5 Dixon, R.B. 1932 The problem of the sweet potato in Polynesia. Am. Anthrop., 34: 40-66.

IPO6 Hornell, J. 1946 How did the sweet potato reach Oceania ? J. Linn. Soc. Bot., 53: 41-62.

IPO7 IBPGR 1981 Genetic resources of sweet potato. Rome, IBPGR. 30pp.

IPO8 Jones, A. 1966 Morphological variability in early generations of a randomly intermating population of sweet potatoes. University of Georgia College of Agriculture Experiment Station. Tech. Bull., N.S. 56.

IPO9 Jones, A. 1968 Chromosome numbers in Ipomoea and related genera. J. Hered., 59: 99-102.

IPO10 Jones, A. & Deonier, M.T. 1965 Interspecific crosses among Ipomoea lacunosa, I. ramoni, I. trichocarpa, and I. triloba. Bot. Gaz., 126: 226-232.

IPO11 Kehr, A.E. & Ting, Y.C. 1953 Cytological evidence concerning the evolution of Ipomoea batatas. Genetics, Princeton, 38: 372. (Abstr.)

IPO12 Magoon, M.L., Krishnan, R. & Vijaya Bai, K. 1970 Cytological evidence on the origin of sweet potato. Theor. Appl. Genet., 40: 360-366.

IPO13 Martin, F.W. 1971 The origin of the sweet potato. Tropical Root Tuber Crops Newsl., 4: 10-13.

IPO14 Martin, F.W. & Jones, A. 1972 The species of Ipomoea closely related to the sweet potato. Econ. Bot., 26: 201-215.

IPO15 Martin, F.W., Jones, A. & Ruberte, R.M. A wild Ipomoea
1974 species closely related to the sweet potato. Econ. Bot., 28: 287-292.

IPO16 Nakanishi, T. & Kobayashi, M. Geographic distribution of
1979 cross incompatibility group in sweet potato. Incompatibility Newsl., 11: 72-75.

IPO17 Nishiyama, I. {Collecting the sweet potato and its allied
1959 species in USA and Mexico.} Jap. J. Breed., 9: 73-78. (In Japanese)

IPO18 Nishiyama, I. The origin of the sweet potato plant. In
1963 Barrau, J., ed. Plants and the migrations of Pacific peoples. Honolulu, Bishop Museum Press, 136pp.

IPO19 Nishiyama, I. Evolution and domestication of the sweet
1971 potato. Bot. Mag., Tokyo, 84: 377-387.

IPO20 Nishiyama, I. & Teramura, T. Mexican wild forms of sweet
1962 potato. Econ. Bot., 16: 305-314.

IPO21 Nishiyama, I. et al. Studies of sweet potato and its related
1961 species. I. Comparative investigations on the chromosome numbers and the main characters of Ipomoea species in section Batatas. Jap. J. Breed., 11: 37-43.

IPO22 Nishiyama, I., Miyazaki, T. & Sakamoto, S. Evolutionary
1975 autoploidy in the sweet potato (Ipomoea batatas (L.) Lam.) and its progenitors. Euphytica, 24: 197-208.

IPO23 O'Brien, P.J. The sweet potato: its origin and dispersal.
1972 Am. Anthrop., 74: 342-365.

IPO24 Pierce, W.D. A few remarks on the possible origin of the
1941 sweet potato. Bull. South Calif. Acad. Sci., 39: 229-230.

IPO25 Randall, R.E. The origin and dissemination of the sweet
1972 potato (Ipomoea batatas (L.) Lam.) - a review. Bull. Int. Soc. Trop. Ecol., 13: 52-64.

IPO26 Sharma, A.K. & Datta, P.C. Cytological investigations on the
1958 genus Ipomoea and its importance in the study of phylogeny. Nucleus, Calcutta, 1: 89-122.

IPO27 Teramura, T. Phylogenetic study of Ipomoea species in the
1979 section Batatas. Mem. Coll. Agric. Kyoto Univ. no.114. p.29-48.

IPO28 Ting, Y.C., Kehr, A.E. & Miller, J.C. A cytological study
1957 of the sweet potato plant Ipomoea batatas (L.) Lam. and its related species. Am. Nat., 91: 197-203.

IPO29 Tjutin, M.G. {The sweet potato.} Priroda, 10: 114-115. (In
1953 Russian)

IPO30 Williams, D.B. & Cope, F.W. Notes on the self-
1967 incompatibility in the genus Ipomoea L. Proc. Int. Symp. Trop. Root Crops, Vol. 1, p.16-30.

IPO31 Yen, D.E. Evolution of the sweet potato (Ipomoea batatas
1961 (L.) Lam.). Nature, Lond., 191: 93-94.

IPO32 Yen, D.E. Sweet potato variation and its relation to human
1963 migration in the Pacific. In Barrau, J., ed. Plants and the migrations of Pacific peoples. Honolulu, Bishop Museum Press, p.93-117.

IPO33 Yen, D.E. The New Zealand kumara or sweet potato. Econ.
1963 Bot., 17: 31-45.

IPO34 Yen, D.E. Natural and human selection in the Pacific sweet
1968 potato. In Drake, E.T., ed. Evolution and environment. Yale University Press, p.387-412.

IPO35 Yen, D.E. Sweet Potato. In Frankel, O.H. & Bennett, E.,
1970 eds. Genetic resources in plants. Oxford, Blackwell, p.341-350.

IPO36 Yen, D.E. Construction of the hypothesis for distribution
1971 of the sweet potato. In Riley, C.L., Kelley, J.C., Pennington, C.W. & Rands, R.L., eds. Man across the sea. Austin, University of Texas Press, p.328-342.

IPO37 Yen, D.E. The sweet potato and Oceania. An essay in
1974 ethnobotany. Honolulu, Bishop Museum Press, Bull. B.P. Bishop Mus. No.236. 389pp.

IPO38 Yen, D.E. Sweet potato. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.42-45.

IPO39 Yen, D.E. & Wheeler, J.M. The sweet potato in the Pacific.
1962 New Zealand Genetical Society Meeting. Australian Plant Breed. Genet. Newsl., 20:21. (Mimeographed.)

Other relevant references :

D97,D122,J106,M48,Q41,Q81,Q141,R37

MANIHOT

MAN1 Bolhuis, G.G. Intra and interspecific crosses in the genus
1967 Manihot. Proc. Int. Symp. Trop. Root Crops, Vol. 1, p.81-88.

MAN2 Doku, E.V. Cultivated cassava varieties in Ghana. Ghana J.
1966 Sci., 6: 74-85.

MAN3 Hernandez X., E. & Patino, V.M. {Ethnobotanical exploration
1972 of Manihot in Mexico.} Trop. Root Tuber Crops Newsl., 5: 14-22. (In Spanish)

MAN4 Hershey, C. & Amaya, A. Germoplasma de yuca: evolucion,
1979 distribucion y coleccion. In Manual de produccion de yuca. Cali, Colombia, CIAT.

MAN5 Hershey, C., Gulick, P. & Esquinas-Alcazar, J.T. Genetic
1983 resources of cassava and wild relatives. Rome, IBPGR. 56pp.

MAN6 Ingram, J.S. Selected bibliography on cassava, (Manihot
1970 esculenta Crantz). Trop. Prod. Inst. Rep., (UK) 51, 35pp.

MAN7 Jennings, D.L. Variation in pollen and ovule fertility in
1963 varieties of cassava and the effect of interspecific crossing on fertility. Euphytica, 12: 69-76.

MAN8 Jennings, D.L. Cassava. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.81-84.

MAN9 Jones, W.O. Manioc in Africa. Stanford, Univ. Press.
1959

MAN10 Lanjouw, J. Two interesting species of Manihot from
1939 Surinam. Recl. Trav. Bot. Neerl., 36: 543-549.

MAN11 Lowe, S.B., Mahon, J.D. & Hunt, L.A. A small collection of
1975 Manihot species. Trop. Root Tuber Crops Newsl., 8: 29-30.

MAN12 Montaldo, A. Bibliografia de raices y tuberculos
1968 tropicales: yucca o mandioca (Manihot esculenta). Rev. Fac. Agron. Univ. Cent. Venez., Alc. 13, Suppl.1, 98pp.

MAN13 Montoya, L.A. et al. Ensayo preliminar sobre problemas en
1969 la clasificacion de las variedades d yucca (Manihot utilissima). Agr. Tec., 2: 457.

MAN14 Nassar, N.M.A. Conservation of genetic resources of cassava
1976 (mandioca), Manihot esculenta Crantz: determination of wild species localities with emphasis on cassava probable origin. Cien.Cult., 28: 1486-1492.

MAN15 Nassar, N.M.A. Conservation of the genetic resources of
1978 cassava (Manihot esculenta). Determination of wild species localities with emphasis on probable origin. Econ. Bot., 32: 311-320.

MAN16 Nassar, N.M.A. Microcenters of wild cassava, Manihot spp.
1978 diversity in Central Brazil. Turrialba, 28: 345-347.

MAN17 Nassar, N.M.A. Wild Manihot species of central Brazil for
1978 cassava breeding. Can. J. Plant Sci., 58: 257-261.

MAN18 Nassar, N.M.A. Some interesting wild Manihot species for
1979 cassava breeding. Cassava Newsl., 7 (4): 6-9.

MAN19 Nassar, N.M.A. A study of the collection and maintenance of
1979 the germplasm of wild cassava, Manihot spp. Turrialba, 29: 221-224.

MAN20 Pereira, S.C. & Carvalho, D.A.de. {Botany of cassava
1979 (Manihot esculenta Crantz.).} Informe Agropecuaria, (Brazil), 5: 31-37. (In Portugese)

MAN21 Phillips, T.P. Cassava: utilization and potential markets.
1973 Canada, International Development Research Centre, 133pp.

MAN22 Renvoize, B.S. The area of origin of Manihot esculenta as a
1971 crop plant - a review of the evidence. Econ. Bot., 25: 352-360.

MAN23 Rogers, D.J. Origins and development of Manihot esculenta
1962 and allied species. Am. J. Bot., 49: 678. (Abstr.)

MAN24 Rogers, D.J. Studies of Manihot esculenta Crantz and
1963 related species. Bull. Torrey Bot. Club, 90: 43-54.

MAN25 Rogers, D.J. Some botanical and ethnological considerations
1965 of Manihot esculenta. Econ. Bot., 19: 369-377.

MAN26 Rogers, D.J. A computer-aided morphological classification
1967 of Manihot esculenta Cranz. Proc. Int. Symp. Trop. Root Crops, Vol.1, p.57-78.

MAN27 Rogers, D.J. & Appan, S.G. Untapped genetic resources for
1971 cassava improvement. In Tropical root and tuber crops tomorrow. Honolulu, Univ. of Hawaii, Vol.1. p.72-75.

MAN28 Rogers, D.J. & Appan, S.G. Manihot and Manihotoides
1973 (Euphorbiaceae). Flora Neotropica monograph no.13. New York, Hafner.

MAN29 Rogers, D.J. & Fleming, H.S. A monograph of Manihot
1973 esculenta with an explanation of the taximetrics used. Econ. Bot., 27: 1-113.

MAN30 Sohmer, S.H. Some cultivars of Manihot esculenta Crantz in
1967 Costa Rica. Ceiba, 13: 54-59.

MAN31 Umanah, E.E. & Hartman, R.W. Chromosome numbers and
1973 karyotypes of some Manihot species. J. Am. Soc. Hort. Sci., 98: 272-274.

MAN32 Wiley, H.W. Sweet cassava. Bot. Gaz., 14: 71-76.
1889

Other relevant references :

D13,J138,J139,L41,L133,Q41,Q89,Q100,R32,R40

MINOR ROOTS AND TUBERS

MIN1 Clausen, R.F. A botanical study of yam beans (Pachyrhizus).
1944 Mem. Cornell Univ. Agric. Exp. Sta., 264: 1-35.

MIN2 Gade, D.W. Achira, the edible canna, its cultivation and use
1966 in the Peruvian Andes. Econ. Bot., 20: 407-415.

MIN3 Hill, A.W. The oca and its varieties. Kew Bull. 1939: 169-
1939 173.

MIN4 Hodge, W.H. Three native tuber foods of the high Andes.
1951 Econ. Bot., 5: 185-201.

MIN5 Hodge, W.H. The edible arracacha - a little-known root crop
1954 of the Andes. Econ. Bot., 8: 195-221.

MIN6 Leon, J. The "maca" (Lepidium meyenii), a little-known food
1964 plant of Peru. Econ. Bot., 18: 122-127.

MIN7 Leon, J. Andean tuber and root crops, origin and variability
1967 Proc. Int. Symp. Trop. Root Crops, 1: 120-121.

MIN8 Looser, G. La Oca (Oxalis) cultivada en Chile. Rev.
1954 Argentina de Agronomia, 21: 61-68.

MIN9 Martin, F.W. & Cabanillas, E. Leren (Calathea allonia) a
1976 little known tuberous crop of the Caribbean. Econ. Bot., 30: 249-256.

MIN10 Orbegoso, A.G. Estudio sobre la oca (Oxalis tuberosa Mol.)
1960 con especial referencia a su structura y variabilidad. Agronomia, Lima, 27: 28-38.

MIN11 Salaman, R.N. Why "Jerusalem" artichoke? J.R. Hort. Soc.,
1940 65: 338-348; 376-383.

Other relevant references :

N48

SOLANUM TUBEROSUM

POT1 Abdalla, M.M.F. & Hermsen, J.G.Th. An evaluation of Solanum
1973 verrucosum Schlecht. for its possible use in potato breeding. Euphytica, 22: 19-27.

POT2 Anon. 1975 Establishment of a German-Dutch potato department at the Gene Bank in the Institute of Crop Science and Seed Research of the Federal Agricultural Research Center, Braunschweig-Voelkenrode. Theor. Appl. Genet., 45: 331-332.

POT3 Astley, D. 1979 Solanum sucrense Hawkes a clarification. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.233-235.

POT4 Astley, D. & Hawkes, J.G. 1979 The nature of the Bolivian weed potato species Solanum sucrense Hawkes. Euphytica, 28: 685-696.

POT5 Beamish, K.I., Cooper, D.C. & Hougas, R.W. 1957 Induced tetraploid Solanum species and species hybrids: meiosis and use in breeding. Am. J. Bot., 44: 305-310.

POT6 Brucher, H. 1960 Problematisches zum Ursprung der Kulturkartoffel aus Chiloe. Z. Pflanzenzucht, 43: 241-265.

POT7 Brucher, H. 1963 Das sudlichste Vorkommen diploider Kulturkartoffeln in Sudamerika auf der Insel Chiloe. Qualitas Plant. Mater. Veg., 9: 187-202.

POT8 Brucher, H. 1963 Untersuchungen uber die Solanum (tuberarium) Cultivare der Insel Chiloe. Z. Pflanzenzucht., 69: 7-54.

POT9 Brucher, H. 1969 Venezuelas Primitiv-Kartoffeln. Angew. Bot., 42: 179-188.

POT10 Brucher, H. 1975 Domestikation und Migration von Solanum tuberosum L. Kulturpflanze, 23: 11-74.

POT11 Brucher, H. 1975 Brasiliens Wildkartoffeln. Die Sektion Tuberarium des Genus Solanum in Sudbrasilien. Ber. Deutschen Bot. Ges., 88: 399-410.

POT12 Brucher, H. 1979 Uber seltene und wenig bekannte Wildkartoffeln aus dem ariden West Argentiniens. Angew. Bot., 53: 1-14.

POT13 Brucher, E.H. & Ross, H. 1953 La importancia de las especies tuberiferas de Solanum del noroeste Argentino como fuente de resistencia a las enfermedades. Lilloa, 26: 453-488.

POT14 Brush, St. B., Carney, H.J. & Huaman, Z. 1981 Dynamics of Andean potato agriculture. Econ. Bot., 35: 70-88.

POT15 Buck, R.W. Cytogenetic studies of species and interspecific
1966 hybrids of Solanum section Tuberarium series Megistacroloba. Am. Pot. J., 43: 199-206.

POT16 Budin, K.Z. {The origin of the common potato.} Vestn. S-kh
1971 Nauk: (Moscow) 8: 55-62. (In Russian)

POT17 Bukasov, S.M. {Interspecific hybridization in the potato.}
1938 Izv. Akad. Nauk SSSR. 711-732. (In Russian)

POT18 Bukasov, S.M. The origin of potato species. Physis, Buenos
1939 Aires, 18: 41-44.

POT19 Bukasov, S.M. {The origin of species of potatoes.} Vestn.
1941 Socs. Rast., 1941(1): 157-164. (In Russian)

POT20 Bukasov, S.M. The geography of the endemic potatoes of
1941 South America. Rev. Argent. Agron., 8: 83-104.

POT21 Bukasov, S.M. {Systematics of potato species.} Problemy
1955 Botaniki, 2: 317-326. (In Russian)

POT22 Bukasov, S.M. {Natural distribution of wild potato species
1963 used as initial material for breeding.} Trudy Prikl. Bot. Genet. Selek., 33: 172-182. (In Russian)

POT23 Bukasov, S.M. {Phylogeny of the cultivated potato species.}
1968 Izdat. Bulgarskata Akad. Nauk. Sofia, 19-30. (In Russian)

POT24 Bukasov, S.M. {Development of N.I. Vavilov's views on the
1969 systematics of cultivated plants, exemplified by section Tuberarium of the genus Solanum.} In N.I. Vavilov and agricultural science, Moscow, p.217-228. (In Russian)

POT25 Bukasov, S.M. {Getting to know the gene fund of the
1969 potato.} Trudy Prikl. Bot. Genet. Selek., 41: 221-234. (In Russian)

POT26 Bukasov, S.M. {A new system for potato species.} Reports
1970 of the All-Union Order of Lenin Academy of Agricultural Sciences. Moscow, Kolos. (In Russian)

POT27 Bukasov, S.M. {Cytogenetic problems of evolution of the
1970 potato species of the section Tuberarium (Dun.) Buk. genus Solanum.} Genetika, 6: 84-95. (In Russian)

POT28 Bukasov, S.M. {Flora of cultivated plants. IX. Potato.}
1971 Leningrad, Kolos. 448pp. (In Russian)

POT29 Bukasov, S.M. {Systematics of potato species of the section
1972 Tuberarium (Dun.) Buk. of the genus Solanum.}
Trudy Prikl. Bot. Genet. Selek., 46: 3-44. (In
Russian)

POT30 Bukasov, S. & Kamerkaz, A., eds. {Genetics of the potato.}
1973 Moscow, Nauka. 263pp. (In Russian)

POT31 Bukasov, S.M. {Principles of potato systematics.} Trudy
1978 Prikl. Bot. Genet. Selek., 62: 3-35. (In Russian,
English summary)

POT32 Bukasov, S.M. {Centres of origin of potato species of the
1980 section Tuberarium (Dun.) Buk.} Byull. Vses. Inst.
Rastenievod., 105: 3-6. (In Russian, English
summary)

POT33 Bukasov, S.M. {Review of the taxonomy of potato species of
1980 the section Tuberarium (Dun.) Buk.} Byull. Vses.
Inst. Rastenievod., 105: 6-9. (In Russian. English
summary)

POT34 Burton, W.G. The potato in Hakluyt. Eur. Potato J., 10:
1967 74-80.

POT35 CIP Reports of the planning conferences: utilization of
1974, the genetic resources of the potato. I.II.III.
1977, Lima, Peru, International Potato Center. 85pp;
1982. 130pp; 235pp.

POT36 CIP Reports of the planning conferences: Germplasm
1973, exploration and taxonomy of potatoes; Exploration
1977, and maintenance of germplasm resources II;
1979. Exploration, taxonomy and maintenance of potato
germplasm III. Lima, Peru, Internatioal Potato
Center. 48pp; 132pp; 193pp.

POT37 CIP Research for the potato in the year 2000. Proc.
1983 Int. Congr. 10th Anniversary International
Potato Center, Lima, Peru, Feb. 1982. Lima, Peru,
International Potato Center. 199pp.

POT38 Cadman, G.H. Autotetraploid inheritance in the potato:
1942 some new evidence. J. Genet., 44: 33-52.

POT39 Campos, G.L. & Zubeldia, A.L. Estudio y descripcion de
1958 variedades antiguas de patata cultivadas en Espana.
An. Inst. Nac. Invest. Agric., 7: 263-332.

POT40 Cardenas, M. Estudio de los grupos taxonomicos de las papas
1956 silvestres. Turrialba, Costa Rica. 6: 59-66.

POT41 Cardenas, M. New species of Solanum (Tuberarium-
1956 Hyperbasarthrum) from Bolivia. Bol. Soc. Peruana
Bot., 5: 9-45.

POT42 Cardenas, M. The South American potential potato germ-
1966 plasm. Am. Pot. J., 43: 367-370.

POT43 Carney, H.J. Diversity, distribution and peasant selection
1980 of indigenous potato varieties in the Mantaro valley, Peru: a biocultural evolutionary process. Lima, Peru, International Potato Center. 19pp.

POT44 Carroll, C.P. The inheritance and expression of sterility
1975 in hybrids of dihaploid and cultivated diploid potatoes. Genetica, 45: 149-162.

POT45 Castronovo, A. Papas Chilotas. Descripciones y clave para
1949 el reconocimiento de muestras de papa recogidas en una excursion al sur de Chile. Rev. Invest. Agric., Buenos Aires, 3: 209-245.

POT46 Choudhuri, H.C. Spontaneous chromosome aberrations in
1971 diploid Solanum. Am. Pot. J., 48: 187-194.

POT47 Cipar, M.S., Peloquin, S.J. & Hougas, R.W. Inheritance of
1964 incompatibility in hybrids between Solanum tuberosum haploids and diploid species. Euphytica, 13: 163-172.

POT48 Cockerham, G. The reactions of potato varieties to viruses
1943 X, A, B and C. Ann. Appl. Biol., 30: 338-344.

POT49 Cockerham, G. Genetical studies on resistance to potato
1970 viruses X and Y. Heredity, Lond., 25: 309-348.

POT50 Correll, D.S. The potato and its wild relatives. Texas
1962 Res. Found. Bot. Studies, 4. 606pp.

POT51 D'Arcy, W.G. The classification of the Solanaceae. In
1979 Hawkes, J.G., Lester, R.N. & Skelding, A.D., eds. The biology and taxonomy of the Solanaceae. London, Academic Press, p.3-47.

POT52 Danert, S. Zur Systematik von Solanum tuberosum L.
1956 Kulturpflanze, 4: 83-127.

POT53 Desborough, S. & Peloquin, S.J. Disc electrophoresis of
1966 tuber proteins from Solanum species and interspecific hybrids. Phytochemistry, 5: 727-733.

POT54 Desborough, S. & Peloquin, S.J. Esterase isozymes from
1967 Solanum tubers. Phytochemistry, 6: 989-994.

POT55 Desborough, S. & Peloquin, S.J. Potato variety
1968 identification by use of electrophoretic patterns of tuber proteins and enzymes. Am. Pot. J., 45: 220-229.

POT56 Desborough, S.L. & Weisler, C.J. Improving potato protein.
1974 1. Evaluation of selection techniques. Am. Pot. J., 51: 185-196.

POT57 Dionne, L.A. Studies on the use of Solanum acaule as a
1963 bridge between Solanum tuberosum and species in the series Bulbocastana, Cardiophylla and Pinnatisecta. Euphytica, 12: 263-269.

POT58 Dodds, K.S. Classification of cultivated potatoes. In
1962 Correll, D.S. The potato and its wild relatives. Renner, Texas, Texas Research Foundation, p.517-539.

POT59 Dodds, K.S. The history and relationships of cultivated
1965 potatoes. In Hutchinson, J.B., ed. Essays on crop plant evolution. Cambridge, Cambridge University Press, p.123-141.

POT60 Dodds, K.S. The evolution of the cultivated potato.
1966 Endeavour, 25: 83-88.

POT61 Dodds, K.S. & Paxman, G.J. The genetic system of cultivated
1962 diploid potatoes. Evolution, Lancaster, Pa., 16: 154-167.

POT62 Gell, P.G.R., Hawkes, J.G. & Wright, S.T.C. The application
1960 of immunological methods to the taxonomy of species within the genus Solanum. Proc. Roy. Soc., B., 151: 364-383.

POT63 Gibson, R.W. Glandular hairs providing resistance to aphids
1971 in certain wild potato species. Ann. Appl. Biol., 68: 113-119.

POT64 Gibson, R.W. Aphid-trapping glandular hairs on hybrids of
1974 Solanum tuberosum and S. berthaultii. Potato Res., 17: 152-154.

POT65 Glendinning, D.R. The performance of progenies obtained by
1969 crossing groups Andigena and Tuberosum of Solanum tuberosum. Eur. Potato J., 12: 13-19.

POT66 Glendinning, D.R. Chilean potatoes: an appraisal. Potato
1975 Res., 18: 306-307.

POT67 Glendinning, D.R. Neo-tuberosum: a new potato breeding
1975 material. 1. The origin, composition and development of the tuberosum and neo-tuberosum gene pools. Potato Res., 18: 256-261.

POT68 Gorbatenko, L.E. {Wild potato species of Colombia and
1980 Venezuela.} Trudy Prikl. Bot. Genet. Selek., 66: 122-130. (In Russian, English summary)

POT69 Graham, K.M. & Dionne, L.A. Crossability relationships of
1961 certain diploid Mexican Solanum species. Can. J. Genet. Cytol., 3: 121-127.

POT70 Grigor'eva, S.K. & Bukasov, S.M. {Immunochemistry of
1973 proteins in potato tubers in relation to the problems of evolution and systematics of the section Tuberarium of the genus Solanum.} Trudy Prikl. Bot. Genet. Selek., 52: 155-170. (In Russian)

POT71 Grun, P. Changes of cytoplasmic factors during the
1970 evolution of the cultivated potato. Evolution, Lancaster, Pa., 24: 188-198.

POT72 Grun, P. Cytoplasmic sterilities that separate the group
1973 Tuberosum cultivated potato from its putative tetraploid ancestor. Evolution, Lancaster, Pa., 27: 633-643.

POT73 Grun, P. Evolution of the cultivated potato: a cytoplasmic
1979 analysis. In Hawkes, J.G., Lester, R.N. & Skelding, A.D., eds. The biology and taxonomy of the Solanaceae. London, Academic Press, p.655-665.

POT74 Grun, P. & Radlow, A. Evolution of barriers to crossing of
1961 self-incompatible with self-compatible species of Solanum. Heredity, Lond., 16: 137-143.

POT75 Hanneman, R.E. & Peloquin, S.J. Crossability of 24-
1967 chromosome potato hybrids with 48-chromosome cultivars. Eur. Potato J., 10: 62-73.

POT76 Harborne, J.B. Plant polyphenols 6. The flavonol
1962 glycosides of wild and cultivated potatoes. Biochem. J., 84: 100-106.

POT77 Hawkes, J.G. Potato collecting expeditions in Mexico and
1941 South America. Cambridge, Bull. Imp. Bur. Plant Breed. Genet., 30pp.

POT78 Hawkes, J.G. Potato collecting expeditions in Mexico and
1944 South America. II. Systematic Classification of the Collections. Bull. Imp. Bur. Plant Breed. Genet., Cambridge. 142pp.

POT79 Hawkes, J.G. The story of the potato. Discovery, Feb.
1945 1945: 38-46.

POT80 Hawkes, J.G. On the origin and meaning of South American
1947 Indian potato names. J. Linn. Soc. Bot., 53: 205-250.

POT81 Hawkes, J.G. Cinco conferencias sobre el mejoramiento de la
1951 papa. Maracay, Instituto Nacional de Agricultura, Bol. Tec. no.1. 54pp.

POT82 Hawkes, J.G. The Commonwealth potato collection. Am. Pot.
1951 J., 28: 465-471.

POT83 Hawkes, J.G. The ecology of wild potato species and its
1954 bearing on the origin of potato cultivation. J. Agric. Trop. Bot. Appl., 1: 356-358.

POT84 Hawkes, J.G. Taxonomic studies in the tuber-bearing
1956 Solanums. 1. Solanum tuberosum and the tetraploid species complex. Proc. Linn. Soc. Bot., 166: 97-144.

POT85 Hawkes, J.G. Significance of wild species and primitive
1958 forms for potato breeding. Euphytica, 7: 257-270.

POT86 Hawkes, J.G. Potatoes: taxonomy, cytology and crossability.
1958 In Kappert, H. & Rudorf, W., eds. Handbuch der Pflanzenzuchtung. 2nd ed. Berlin, Parey, vol.3, p.1-43.

POT87 Hawkes, J.G. Introgression in certain wild potato species.
1962 Euphytica, 11: 26-35.

POT88 Hawkes, J.G. A revision of the tuber-bearing Solanums
1963 (Second edition). Scott. Plant Breed. Stn. Record 1963: 76-181.

POT89 Hawkes, J.G. European potato introduction station. Genet.
1963 Agrar., 17: 464-469.

POT90 Hawkes, J.G. The origin of Solanum juzepczukii Buk. and S.
1963 curtilobum Juz. et Buk. Z. Pflanzenzucht., 47: 1-14.

POT91 Hawkes, J.G. Modern taxonomic work on the Solanum species
1966 of Mexico and adjacent countries. Am. Potato J., 43: 81-103.

POT92 Hawkes, J.G. The history of the potato. J.R. Hort. Soc.,
1967 92: 207-224, 249-262.

POT93 See POT92

POT94 Hawkes, J.G. Potatoes. In Frankel, O.H. & Bennett, E.,
1970 eds. Genetic resources in plants. Oxford, Blackwell, p.311-319.

POT95 Hawkes, J.G. Evolution of the cultivated potato Solanum
1972 tuberosum L. Symp. Biol. Hung., 12: 183-188.

POT96 Hawkes, J.G. Biosystematics of the potato. In Harris, P.M.
1978 The potato crop, the scientific basis for improvement. London, Chapman & Hall, p.15-69.

POT97 Hawkes, J.G. History of the potato. In Harris, P.M. The
1978 potato crop, the scientific basis for improvement. London, Chapman & Hall, p.1-14.

POT98 Hawkes, J.G. Evolution and polyploidy in potato species. In
1979 Hawkes, J.G., Lester, R.N. & Skelding, A.D. eds. The biology and taxonomy of the Solanaceae. London, Academic Press, p.637-653.

POT99 Hawkes, J.G. Genetic poverty of the potato in Europe. In
1979 Zeven, A.C. & Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.19-27.

POT100 Hawkes, J.G. Recent concepts in the evolution of tuber-
1981 bearing Solanums. In CIP Report of the planning conference on the exploration, taxonomy and maintenance of potato germ plasm III. Lima, Peru, p.126-140.

POT101 Hawkes, J.G. The wild tuber-bearing Solanums of North
1981 America. In CIP Report of the planning conference on the exploration, taxonomy and maintenance of potato germ plasm III. Lima, Peru, p.69-97.

POT102 Hawkes, J.G. & Hjerting, J.P. Some wild potato species from
1960 Argentina. Phyton, Graz. (Austria), 9: 140-146.

POT103 Hawkes, J.G. & Hjerting, J.P. The potatoes of Argentina,
1969 Brazil, Paraguay and Uruguay - a biosystematic study. Oxford, Oxford University Press. 525pp.

POT104 Hawkes, J.G. & Lester, R.N. Immunological studies on the
1966 tuber-bearing Solanums 2. Relationships of the North-American species. Ann. Bot., 30: 269-290.

POT105 Hawkes, J.G. & Lester, R.N. Immunological studies on the
1968 tuber-bearing Solanums 3. Variability within S. bulbocastanum and its hybrids with species in series Pinnatisecta. Ann. Bot., 32: 165-186.

POT106 Hawkes, J.G., Lester, R.N. & Skelding, A.D., eds. The
1979 biology and taxonomy of the Solanaceae. London, Academic Press. 738pp.

POT107 Hermsen, J.G.Th. Crossability, fertility and cytogenetic
1966 studies in Solanum acaule x S. bulbocastanum. Euphytica, 15: 149-155.

POT108 Hermsen, J.G.Th. {The importance of gene centres in potato
1972 breeding.} Zaadbelangen, 26: 171, 173-174. (In Dutch)

POT109 Hermsen, J.G.Th. & Ramanna, M.S. Double-bridge hybrids of
1973 Solanum bulbocastanum and cultivars of Solanum tuberosum. Euphytica, 22: 557-566.

POT110 Herrmann, L.S.E. & Boock, O.J. Bibliografia Brasileira de
1967 batatinha (Solanum tuberosum L.). Campinas Inst. Agron. Bol. no.177. 115pp.

POT111 Hinze, E. & Junges, W. Zur Erhaltung eines Sortiments
1981 wilder und kultivierter Kartoffelspezies als Genreserve fur die Kartoffelzuchtung. Biol. Rundschau, 19: 344-346.

POT112 Hougas, R.W. & Peloquin, S.J. The potential of potato
1958 haploids in breeding and genetic research. Am. Pot. J., 35: 701-707.

POT113 Hougas, R.W., Peloquin, S.J. & Gabert, A.C. Effect of seed
1964 parent and pollinator on frequency of haploids in Solanum tuberosum. Crop Sci., 4: 593-595.

POT114 Howard, H.W. Potato cytology and genetics, 1952-59.
1960 Bibliogr. Genet., 19: 87-216.

POT115 Howard, H.W. The potato crop. J. R. Agric. Soc., 130: 112-
1969 130.

POT116 Howard, H.W. Genetics of the potato. London, Logos Press.
1970 126pp.

POT117 Howard, H.W. & Swaminathan, M.S. Species differentiation in
1952 the section Tuberarium of Solanum with particular reference to the use of interspecific hybridization in breeding. Euphytica, 1: 20-28.

POT118 Huaman, Z. Systematic botany and morphology of the potato.
1980 Lima, Peru, International Potato Center, Tech. Inf. Bull., no.6. 19pp. (In English and Spanish)

POT119 Huaman, Z., Hawkes, J.G. & Rowe, P.R. Solanum ajanhuiri: an
1980 important diploid potato cultivated in the Andean altiplano. Econ. Bot., 34: 335-343.

POT120 Huaman, Z., Hawkes, J.G. & Rowe, P.R. A biosystematic study
1982 of the origin of the cultivated diploid potato, Solanum x Ajanhuiri Juz. et Buk. Euphytica, 31: 665-676.

POT121 Irikura, Y. Induction of haploid plants by anther culture
1975 in tuber-bearing species and interspecific hybrids of Solanum. Potato Res., 18: 133-140.

POT122 Irikura, Y. & Sakagachi, S. Induction of 12-chromosome
1972 plants from anther culture in a tuberous Solanum. Potato Res., 15: 170-173.

POT123 Iwanaga, M. & Peloquin, J. Origin and evolution of
1982 cultivated tetraploid potatoes via 2n gametes. Theor. Appl. Genet., 61: 161-169.

POT124 Jackson, M.T., Hawkes, J.G. & Rowe, P.R. An ethnobotanical
1980 field study of primitive potato varieties in Peru. Euphytica, 29: 107-113.

POT125 Jackson, M.T., Rowe, P.R. & Hawkes, J.G. Crossability
1978 relationships of Andean potato varieties of three ploidy levels. Euphytica, 27: 541-555.

POT126 Jones, F.G.W. Host parasite relationships of potato cyst
1974 nematodes and speculation arising from the gene for gene hypothesis. Nematologica, 20: 437-443.

POT127 Junges, W. Einfluss der Tageslange auf Klone von
1976 tetraploiden kultivierten Kartoffeln aus verschiedenen sud - und mittelamerikanischen Herkunftsgebieten. Arch. Zuchtungsforsch., Berlin, 3: 149-163.

POT128 Juzepczuk, S.W. & Bukasov, S.M. {A contribution to the
1929 question of the origin of the potato.} Proc. USSR Congr. Genet. Plant Anim. Breed., 3: 593-611. (In Russian)

POT129 Kameraz, A.Ja. {Interspecific hybridization in potato
1973 breeding.} S.kh. Biol., 8: 643-651. (In Russian)

POT130 Kotova, K.A. {Overcoming cross-compatibility in
1966 interspecific crosses of potatoes.} Genetika, 11: 157-158. (In Russian, English summary)

POT131 Kovalenko, G.M. & Sidorov, F.F. {Inter-species
1933 hybridisation of the potato.} Trudy Prikl. Bot. Genet. Selek., 7: 97-106. (In Russian)

POT132 Lamm, R. Cytogenetic studies in Solanum sect. Tuberarium.
1945 Hereditas, 31: 1-128.

POT133 Lange, W. & Magenvoort, M. Meiosis in triploid Solanum
1973 tuberosum L. Euphytica, 22: 8-18.

POT134 Lebedeva, N.A. {The polyhaploids of wild species of the
1961 potato and hybrids with polyploids during many years of cultivation.} Bot. Zh., 46. (In Russian)

POT135 Lekhnovich, V.S. Introduction of the potato into western
1961 and central Europe. Nature, Lond., 191: 518-519.

POT136 Lekhnovich, V.S. {The VIR world collection and potato
1975 growing.} Trudy Prikl. Bot. Genet. Selek., 54: 255-262. (In Russian)

POT137 Lekhnovich, V.S. {New wild potato species from the Pacific
1978 off-shore islands of South America.} Trudy Prikl. Bot. Genet. Selek., 62: 36-54. (In Russian, English summary)

POT138 Lester, R.N. Immunological studies on the tuber-bearing
1965 Solanums 1. Techniques and South American species. Ann. Bot., 29: 609-624.

POT139 Lester, R.N. The use of protein characters in the taxonomy
1973 of Solanum and other Solanaceae. In Hawkes, J.G., Lester, R.N. & Skelding, A.D., eds. The biology and taxonomy of the Solanaceae. London, Academic Press, p.285-303.

POT140 Loeschke, V. & Stegemann, H. Proteine der Kartoffelknollen
1966 in Abhangigkeit von Sorte und Virosen (Polyacrylamid-Electrophorese). Phytochemistry, 5: 985-991.

POT141 Lopez, L.E. Collection of primitive Colombian cultivars. In
1981 CIP Report of the planning conference on the exploration, taxonomy and maintenance of potato germ plasm III. Lima, Peru, p.60-68.

POT142 Magoon, M.L. & Ramanujam, S. Nature of chromosome pairing
1960 in the genus Solanum section tuberarium. Indian J. Genet. Plant Breed., 20: 22-41.

POT143 Magoon, M.L., Ramanujam, S. & Cooper, D.C. Cytogenetical
1962 studies in relation to the origin and differentiation of species in the genus Solanum L. Caryologia, 15: 151-252.

POT144 Marks, G.E. Cytogenetic studies in tuberous Solanum species
1955 1. Genomic differentiation in the group Demissa. J. Genet., 53: 262-269.

POT145 Marks, G.E. Cytogenetic studies in tuberous Solanum species
1958 2. A synthesis of Solanum x vallis-mexici Juz. New Phytol., 57: 300-310.

POT146 Marks, G.E. Cytogenetic studies in tuberous Solanum species
1965 3. Species relationships in some South and Central American species. New Phytol., 64: 293-306.

POT147 Marks, G.E. The enigma of triploid potatoes. Euphytica,
1966 15: 285-290.

POT148 Mecklenburg, H.C. Inflorescence hydrocarbons of some
1966 species of Solanum L., and their possible taxonomic significance. Phytochemistry, 5: 1201-1209.

POT149 Mendoza, H.A. & Haynes, F.L. Genetic basis of heterosis for
1974 yield in the autotetraploid potato. Theor. Appl. Genet., 45: 21-25.

POT150 Mendoza Rendon, R. {Geography and local names of the
1974 aboriginal potato varieties of Peru.} Trudy Prikl. Bot. Genet. Selek., 53: 100-113. (In Russian, English summary)

POT151 Mendoza Rendon, R. {The geographical distribution of native
1975 potatoes of Peru on the basis of their tuber characteristics.} Byull. Vses. Inst. Rastenievod., 47: 50-52. (In Russian, English summary)

POT152 Mix, G. Production of dihaploid plantlets from anthers of
1983 autotetraploid genotypes of Solanum tuberosum L. Potato Res., 26: 63-67.

POT153 Montaldo, A. Bibliografia Latinoamericana sobre papas. Rev.
1972 Fac. Agron. Univ. Central Venezuala, 7, sup.no.3. 116pp.

POT154 Montaldo, A. & Sanz, C. La especies de papas silvestres y
1962 cultivadas de Chile. Agr. Tec. Chile, 22: 66-152.

POT155 Nayar, N.M. & Khushu, C.L. Crossability in tuber-bearing
1965 Solanums 1. Indian Potato J., 7: 33-35.

POT156 Ochoa, C. Northern Peru, a possible new source of potatoes
1954 resistant to Phytophthora infestans. Phytopathology, 44: 500.

POT157 Ochoa, C. Los Solanum tuberiferos silvestres del Peru.
1962 Lima, Peru. 297pp.

POT158 Ochoa, C. Recuentos cromosomicos y determinacion
1964 sistematica de papas nativas cultivadas en el sur del Peru. An. Cient., (Lima), 2: 1-41.

POT159 Ochoa, C. Determinacion sistematica y recuentos
1965 cromosomicos de las papas indigenas cultivadas en el centro del Peru. An. Cient., (Lima), 3: 103-163.

POT160 Ochoa, C. Native potatoes in Bolivia, Chile and Peru. In
1973 Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome. FAO/IBP, p.116-118.

POT161 Ochoa, C. Potato collecting expeditions in Chile, Bolivia
1975 and Peru, and the genetic erosion of indigenous cultivars. In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.167-173.

POT162 Ochoa, C. Exploracion de papas silvestres en Bolivia. Biota,
1979 11: 324-330.

POT163 Ochoa, C. Collection and taxonomy of Andean wild potatoes
1981 (Peru and Bolivia). In CIP Report of the planning conference on the exploration, taxonomy and maintenance of potato germ plasm III. Lima, Peru, p.114-125.

POT164 Ochoa, C. Collection of primitive potato cultivars. In CIP
1981 Report of the planning conference on the exploration, taxonomy and maintenance of potato germ plasm III. Lima, Peru, p.40-59.

POT165 Ochoa, C. Review of recommendations of March 1976
1981 conference: status of Solanum expeditions, collections and classifications. In CIP Report of the planning conference on the exploration, taxonomy and maintenance of potato germ plasm III. Lima, Peru, p.23-35.

POT166 Okada, K.A. Exploracion, mantenimiento y utilizacion del
1975 germplasma de papas en Argentina. Misc. Facult. Agron. Zoo. Univ. Nac. Tucuman, 54: 29-31.

POT167 Okada, K.A. Exploration, conservation and evaluation of
1976 potato germplasm in Argentina. Pot. Res., 19: 263-269.

POT168 Okada, K.A. Collection and taxonomy of the Argentine tuber-
1981 bearing Solanums. In CIP Report of the planning conference on the exploration, taxonomy and maintenance of potato germ plasm III. Lima, Peru, p.98-113.

POT169 Ortega Duenas, R. Las papas amargas en las provincias altas
1978 del departamento del Cusco. In Universidad Nacional San Cristobal de Huamanga e Instituto Interamericano de Ciencias Agricolas (IICA). Primer Congr. Int. sobre Cultivos Andinos, Ayacucho, Peru, Oct. 1977. La Paz, Bolivia, IICA, Ser. Reuniones, Cursos y Conferencias, no.178, p.204-214.

POT170 Pandey, K.K. Interspecific incompatibility in Solanum
1962 species. Am. J. Bot., 49: 874-882.

POT171 Peloquin, S.J. & Hougas, R.W. Fertility in two haploids of
1958 Solanum tuberosum. Science, N.Y.,128: 1340-1341.

POT172 Peloquin, S.J. & Hougas, R.W. Genetic variation among
1960 haploids of the common potato. Am. Pot. J., 37: 289-297.

POT173 Perlova, R.L. {Spontaneous polyploids in tuberiferous
1962 species of the Solanum L. genus.} Trans. Moscow Soc. Nat., 5: 191-199. (In Russian)

POT174 Pope, L.R., Bedford, C.L. & Thompson, N.R. Processing
1971 characteristics of Solanum tuberosum - S. stoloniferum hybrids. Am. Pot. J., 48: 403-407.

POT175 Pushkarnath. Potato breeding and genetics in India. Indian
1961 J. Genet., Plant Breed., 21: 77-86.

POT176 Quinn, A.A. & Peloquin, S.J. Use of experimental
1973 tetraploids in potato breeding. Am. Pot. J., 50: 415-520.

POT177 Quinn, A.A., Mok, D.W.S. & Peloquin, S.J. Distribution and
1974 significance of diplandroides among diploid solanums. Am. Pot. J., 51: 16-21.

POT178 Radcliff, E.B. & Lauer, F.I. An appraisal of aphid
1971 resistant tuber-bearing Solanum germ plasm. University of Minnesota Agric. Expt. Stn., Tech. Bull. no.286. 23pp.

POT179 Ramanna, M.S. & Hermsen, J.G.Th. Somatic chromosome
1971 elimination and meiotic chromosome pairing in the triple hybrid 6x-(Solanum acaule x S. bulbocastanum) x 2x-S. phureja. Euphytica, 20: 470-481.

POT180 Rhodes, R.E. & Rogers, M. The incredible potato. Nat.
1982 Geogr. Mag., 161: 668-694.

POT181 Richardson, D.G. & Estrada Ramos, N. Evaluation of frost
1971 resistant tuber-bearing Solanum hybrids. Am. Pot. J., 48: 339-343.

POT182 Rickeman, V.S. & Desborough, S.L. Elucidation of the
1978 evolution and taxonomy of cultivated potatoes with electrophoresis. I. Groups Tuberosum, Andigena, Phureja and Stenotomum. Theor. Appl. Genet., 52: 217-220.

POT183 Rieman, G.H., Cooper, D.C. & Hougas, R.W. Potato varieties
1954 derived from species hybrids. Am. Pot. J., 31: 1-11.

POT184 Ross, H. The importance of the potato gene centre for
1963 breeding and for the understanding of the origin of the cultivated potato. Genet. Agrar. 17: 123-134.

POT185 Ross, H. Die Zuchtung Resistenter Sorten. Proc. 3rd
1966 Triennial Conf., EAPR, p.71-84.

POT186 Ross, H. The use of wild Solanum species in German potato
1966 breeding of the past and today. Am. Pot. J., 43: 63-80.

POT187 Ross, H. & Huijsman, C.A. Uber die Resistenz von Solanum
1969 (Tuberarium)-Arten gegen europaische Rassen des Kartoffelnematoden (Heterodera rostochiensis Woll.) Theor. Appl. Genet., 39: 113-122.

POT188 Ross, R.W. & Rowe, P.R. Utilizing the frost resistance of
1969 diploid Solanum species. Am. Pot. J., 46: 5-13.

POT189 Ross, R.W. & Rowe, P.R. Inventory of interspecific and
1972 intervarietal hybrids of tuber-bearing Solanum species. U.S. Dep. Agric. Publ. R1695. 40pp.

POT190 Rothacker, D. Die wilden und kultivierten mittel- und
1961 sudamerikanischen Kartoffelspecies einschliesslich der in Suden der USA vorkommenden Arten. In Schick, R. & Klinkowski, M., eds. Die Kartoffel, p.353-558.

POT191 Rowe, P.R. Performances and variability of diploid and
1967 tetraploid potato families. Am. Pot. J., 44: 263-271.

POT192 Rowe, P.R. Nature, distribution and use of diversity in the
1969 tuber-bearing Solanum species. Econ. Bot., 23: 330-338.

POT193 Rowe, P.R. The dimensions of existing Solanum germ plasm
1970 collections. Am. Pot. J., 47: 205-208.

POT194 Rudorf, W. & Ross, H. Die Grundlagen der Reistenzzuchtung
1954 bei Kartoffeln. Kartoffelbau, 5: 208-209.

POT195 Rybin, V.A. {Cytological investigations of the South
1933 American cultivated and wild potatoes, and its significance for plant breeding.} Trudy Prikl. Bot. Genet. Selek., ser.2, 2: 3-100. (In Russian)

POT196 Salaman, R.N. The potato in its early home and its
1937 introduction into Europe. J. R. Hort. Soc., 62: 61-77, 112-123, 153-162, 253-266.

POT197 Salaman, R.N. The early European potato: its character and
1946 place of origin. J. Linn. Soc. Bot., 53: 1-27.

POT198 Salaman, R.N. The history and social influence of the
1949 potato. Cambridge, Cambridge University Press.

POT199 Salaman, R.N. The origin of the early European potato. J.
1954 Linn. Soc. Bot., 55: 185-190.

POT200 Salaman, R.N. & Hawkes, J.G. The character of the early
1949 European potato. Proc. Linn. Soc., 161: 71-84.

POT201 Sawyer, R.L. Taxonomy workshop at the International Potato
1973 Center. Am. Pot. J., 50: 180.

POT202 Schick, R. & Klinkowski, M., eds. Die Kartoffel. VEB
1961-62 Deutscher Landwirtschaftsverlag. In two parts.

POT203 Schmiediche, P.E., Hawkes, J.G. & Ochoa, C.M. Breeding of
1980 the cultivated potato species Solanum x juzepczukii Buk. and Solanum x curtilobum Juz et Buk. 1. A study of the natural variation of S. x juzepczukii, S. x curtilobum and their wild progenitor, S. acaule Bitt. Euphytica, 29: 685-704.

POT204 Simmonds, N.W. The genetics of seed and tuber dormancy in
1964 the cultivated potato. Heredity, Lond., 19: 489-504.

POT205 Simmonds, N.W. Studies of the tetraploid potatoes 1. The
1964 variability of the Andigena group. J. Linn. Soc. Bot., 58: 461-474.

POT206 Simmonds, N.W. Studies of the tetraploid potatoes 2.
1964 Factors in the evolution of the Tuberosum group. J. Linn. Soc. Bot., 59: 43-56.

POT207 Simmonds, N.W. Studies of the tetraploid potatoes 3.
1966 Progress in the experimental re-creation of the Tuberosum group. J. Linn. Soc. Bot., 59: 279-288.

POT208 Simmonds, N.W. Potatoes. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.279-283.

POT209 Soest, L.J.M. van, & Lange, W. {Four years' gene-bank work
1979 in potato. A German-Dutch cooperative project at Braunschweig, German Federal Republic.} Zaadbelangen, 33: 48-50. (In Dutch)

POT210 Stegemann, H., Francksen, H. & Macko, V. Potato proteins:
1973 genetic and physiological changes, evaluated by one- and two-dimensional PAA-gel techniques. Z. Naturforschung, 28: 722-732.

POT211 Stevenson, F.J. The potato - its origin, cytogenetic
1951 relationships, production, uses, and food value. Econ. Bot., 5: 153-171.

POT212 Swaminathan, M.S. Nature of polyploidy in some 48-
1954 chromosome species of the genus Solanum, section Tuberarium. Genetics, Princeton, 39: 59-76.

POT213 Swaminathan, M.S. Disomic and tetrasomic inheritance in a
1956 Solanum hybrid. Nature, Lond., 178: 599-600.

POT214 Swaminathan, M.S. The origin of the early European potato - 1958 evidence from Indian varieties. Indian J. Genet. Plant Breed., 18: 8-15.

POT215 Swaminathan, M.S. & Howard, H.W. The cytology and genetics 1953 of the potato (Solanum tuberosum) and related species. Bibliogr. Genet., 16: 1-192.

POT216 Swaminathan, M.S. & Magoon, M.L. Origin and cytogenetics of 1961 the commercial potato. Adv. Genet., 10.

POT217 Tiemann, H. Preservation of gene resources of potato 1981 species of different ploidy levels for the building up of breeding material. Kulturpflanze, 29: 151-157.

POT218 Toxopeus, H.J. Treasure-digging for blight resistance in 1964 potatoes. Euphytica, 13: 206-222.

POT219 Ugent, D. Morphological variation in Solanum x edinense, a 1967 hybrid of the common potato. Evolution, Lancaster, Pa., 21: 696-712.

POT220 Ugent, D. The potato in Mexico: geography and primitive 1968 culture. Econ. Bot., 22: 108-123.

POT221 Ugent, D. The potato. What is the botanical origin of this 1970 important crop plant, and how did it first become domesticated ? Science, N.Y., 170: 1161-1166.

POT222 Ugent, D. Biogeography and origin of Solanum acaule Bitter. 1981 Phytologia, 48: 85-95.

POT223 Upadhya, M.D. Potato. In Hutchinson, J.B., ed. 1974 Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.139-148.

POT224 Vargas, C. Las papas sudperuanas. Part 1. Peru, Publ. 1949 Universidad Nal. Cuzco.

POT225 Vargas, C. Las papas sudperuanas. Part 2. Peru, Publ. 1956 Universidad Nal. Cuzco.

POT226 Viirsoo, E.V. Las papas sudamericanas y su resistencia a 1963 las heladas. Rev. Agron. Noroeste Argent., 4: 97-109.

POT227 Wangenheim, K.H.von. Zur Kartoffelzuchtung auf diploider 1962 Stufe. Z. Pflanzenzucht., 47: 172-180.

POT228 Wangenheim, K.H.von, Frandsen, N.O. & Ross, H. Uber neue 1957 Ergebnisse zur Cytologie und verwandte Fragen bei Solanum. Z. Pflanzenzucht., 37: 41-76.

POT229 Wight, W.F. Origin, introduction and primitive culture of
1916 the potato. Proc. 3rd Ann. Meet. Potato Ass. Amer., 3: 35-52.

POT230 Woodcock, K.M. & Howard, H.W. Calyx types in Solanum
1975 tuberosum dihaploids, S. stenotomum, S. sparsipilum and their hybrids. Potato Res., 18: 460-465.

POT231 Yeh, B.P., Peloquin, S.J. & Hougas, R.W. Meiosis in Solanum
1964 tuberosum haploids and haploid-haploid hybrids. Can. J. Genet. Cytol., 6: 393-402.

POT232 Yen, D.E. The potato of early New Zealand. Potato J.,
1961 Summer 1961/2, 2-5.

POT233 Zubeldia, A., Lopez, G. & Sanudo, A. Estudio, descripcion y
1955 clasificacion de un grupo de variedades primitivas de patata cultivadas en las Islas Canarias. An. Inst. Nac. Invest. Agron. (Madrid), 1955, 287-325.

Other relevant references :

D123,F10,G68,J38,J44,J85,J89,J90,J99,J142,J158,J183,L10,L49,L80,L81, L205,L206,L218,M4,M25,M26,M31,M32,M34,M43,M49,M64,M98,M114,M115,M116, M117,M118,M141,N29,P28,P29,Q1,Q24,Q25,Q41,Q55,Q63,Q69,Q104,Q116,Q117, R11,R44,S36,T45

4 GRAIN LEGUMES

LEGUMES - GENERAL

LEG1 Adams, M.W. & Pipoly, J.J. III Biological structure, 1980 classification and distribution of economic legumes. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume sciences. Kew, Royal Botanic Gardens, p.1-16.

LEG2 Allen, O.N. & Allen, E.K. The Leguminosae. A source book of 1981 characteristics, uses and nodulation. London, MacMillan; Madison Wisconsin, University of Wisconsin Press. 812pp.

LEG3 Ayad, G. & Anishetty, N.M. Directory of germplasm 1980 collections, 1: Food legumes. Rome, IBPGR. 22pp.

LEG4 Boulter, D., Thurman, D.A. & Derbyshire, E. A disc 1967 electrophoretic study of globulin proteins of legume seeds with respect to their systematics. New Phytol., 66: 27-35.

LEG5 Duke, J.A. Handbook of legumes of world economic 1981 importance. New York, Plenum Press. 345pp.

LEG6 Elkan, G.H., Wynne, J.C. & Schneeweis, T.J. Isolation and 1981 evaluation of strains of Rhizobium collected from centers of diversity in South America. Trop. Agric., 58: 297-306.

LEG7 Felker, P. Uses of tree legumes in semiarid regions. Econ. 1981 Bot., 35: 174-186.

LEG8 Frankel, O.H. Grain legumes. In Frankel, O.H., ed. Survey 1973 of crop genetic resources in their centres of diversity. First report. Rome, FAO/IBP, p.25-30.

LEG9 Gavrilyuk, I.P. & Satbaldina, S.T. {Proteins in the pods of
1973 pulses, their composition and specifity according to the data of immunochemical analysis.} Trudy Prikl. Bot. Genet. Selek., 52(1): 107-135. (In Russian)

LEG10 Gladstones, J.S. Observations on the environment and
1973 ecology of some annual legumes in southern Italy. Australian Plant Intro. Rev., 9: 11-29.

LEG11 Gladstones, J.S. Observations on the distribution and
1976 ecology in Iberia and North Africa of some annual legumes adapted to neutral and acid soils. Australian Plant Intro. Rev., 11: 9-23.

LEG12 Harborne, J.B., Boulter, D. & Turner, B.L. Chemotaxonomy of
1971 the Leguminosae. London, Academic Press. 558pp.

LEG13 ICRISAT International workshop on grain legumes.
1975 Hyderabad, India. ICRISAT. 350pp.

LEG14 Isely, D. Leguminosae and Homo sapiens. Econ. Bot., 36: 46-
1982 70.

LEG15 Ivanov, N.R. {Beans.} Moscow, Leningrad. 278pp. (In
1961 Russian)

LEG16 Ivanov, N.R., Makasheva, R.Kh. & Miroshnichenko, I.I. {World
1969 plant resources of the pea and bean crops.} Trudy Prik. Bot. Genet. Selek., 41(1): 136-159. (In Russian)

LEG17 Kaplan, L. The cultivated beans of the prehistoric
1956 southwest. [USA] Ann. MO.Bot. Gdn., 43: 189-251.

LEG18 Kay, D.E. Food legumes. Crop and products digest no.3.
1979 London, Tropical Products Institute. 435pp.

LEG19 Kupicha, F.K. The delimitation of the tribe Vicieae
1977 (Leguminosae) and the relationships of Cicer L. Bot. J. Linn. Soc., 74: 131-162.

LEG20 Lackey, J.A. A revised classification of the tribe
1977 Phaseoleae (Leguminosae: Papilionoideae), and its relation to canavanine distribution. Bot. J. Linn. Soc., 74: 163-178.

LEG21 Ladizinsky, G. Seed dispersal in relation to the
1979 domestication of Middle East legumes. Econ. Bot., 33: 284-289.

LEG22 Leppik, E.E. Assumed gene centres of peanuts and soybeans.
1971 Econ. Bot., 25: 188-194.

LEG23 Maesen, L.J.G. van der. Genetic resources of grain legumes
1979 in the Middle East. In Hawtin, G.C. & Chancellor, G.J., eds. Food legume improvement and development. Proc. workshop held at the University of Aleppo, Aleppo, Syria, 2-7 May 1978. Ottawa, Canada, International Development Research Centre. p.140-146.

LEG24 National Academy of Sciences. Tropical legumes: resources
1979 for the future. Washington, D.C. 328pp.

LEG25 Polhill, R.M. & Raven, P.H., eds. Advances in legume
1981 systematics. Parts 1 & 2. Kew, Royal Botanic Gardens. 1049pp.

LEG26 Pundir, R.P.S. Pulse germplasm collection in Thailand.
1981 IBPGR Southeast Asian Newsl., 5, no.1: 3-5.

LEG27 Smartt, J. Tropical pulses. London, Longman. 348pp.
1976

LEG28 Smartt, J. Comparative evolution of pulse crops. Euphytica,
1976 25: 139-143.

LEG29 Smartt, J. The evolution of pulse crops. Econ. Bot., 32:
1978 185-198.

LEG30 Smartt, J. Evolution and evolutionary problems in food
1980 legumes. Econ. Bot., 34: 219-235.

LEG31 Thomas, T.A. & Dabas, B.S. Clusterbean germplasm in India.
1982 Plant Genet. Resour. Newsl., 52: 16-18.

LEG32 Thurman, D.A. et al. Electrophoretic mobilities of formic
1967 and glutamic dehydrogenase in the Fabaceae: a systematic survey. New Phytol., 66: 37-45.

LEG33 Verdcourt, B. The classification of Dolichos L. emend.
1980 Verdc., Lablab Adans., Phaseolus L., Vigna Savi and their allies. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume sciences. Kew, Royal Botanic Gardens, p.45-48.

LEG34 Westphal, E. Pulses in Ethiopia, their taxonomy and
1974 agricultural significance. Verslagen Landbouwkundige Onderzoekingen No.815, 276pp.

LEG35 Zohary, D. & Hopf, M. Domestication of pulses in the old
1973 world. Science, N.Y., 182: 887-894.

Other relevant references :

A268,B245,J15,J154,M30,Q68,Q70,Q130

CAJANUS

CAJ1 De, D.N. Pigeon pea. In Hutchinson, J.B., ed.
1974 Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.79-87.

CAJ2 Hiremath, K.G. & Talawar, S.N. Study on the genetic
1971 variability in pigeon pea (Cajanus cajan (L.) Mill sp.). Andhra Agric. J., 18: 144-148.

CAJ3 Maesen, L.J.G. van der. Wild pigeonpea in Africa. Plant
1979 Genet. Resour. Newsl., 40: 8-10.

CAJ4 Maesen, L.J.G. van der. India is the native home of the
1980 pigeonpea. Misc. Papers Landbouwhogeschool Wageningen, 19: 257-262.

CAJ5 Maesen, L.J.G. van der, Remanandan, P. & Murthi, A.N.
1981 Pigeonpea genetic resources. In Proc. Int. workshop on pigeonpeas. Vol.1. ICRISAT, 15-19 December 1980. Patancheru, India. ICRISAT, p.385-392.

CAJ6 Raju, D.C.S. Ethnobotanical aspects of pigeonpea. In Proc.
1981 Int. workshop on pigeonpeas. Vol.2. ICRISAT, Patancheru, India, December 1980. ICRISAT, p.15-22.

CAJ7 Remanandan, P. The wild gene pool of Cajanus at ICRISAT,
1981 present and future. In Proc. Int. workshop on pigeonpeas. Vol.2. ICRISAT, Patancheru, India, December 1980. ICRISAT, p.29-38.

CAJ8 Royes, W.V. Pigeon pea. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.154-156.

CAJ9 Sidheshwar Prasad, et al. Natural crossing in pigeon pea
1972 (Cajanus cajan (L.) Mill sp.). Mysore J. Agric. Sci., 6: 426-429.

CAJ10 Thothathri, K. & Jain, S.K. Taxonomy of the genus Cajanus
1981 DC. In Proc. Int. workshop on pigeonpeas. Vol.2. ICRISAT, Patancheru, India, December 1980. ICRISAT, p.3-7.

CAJ11 Venkateswilu, S. & Singh, R.B. Pigeonpea germplasm
1980 evaluation. IBPGR Southeast Asian Newsl., 4, no.4: 12-13.

Other relevant references :

N52,Q41,CIC11

CANAVALIA

CAN1 Piper, C.V. The American species of Canavalia and
1925 Wenderothia. Contrib. U.S. Natl. Herb., 20: 555-576.

CAN2 Piper, C.V. & Dunn, S.T. A revision of Canavalia. Kew
1922 Bull. Misc. Inf.,: 129-145.

CAN3 Sauer, J.D. Revision of Canavalia. Brittonia, 16: 106-181.
1964

CAN4 Sauer, J.D. Canavalia beans in American prehistory. Am.
1969 Antiq., 34: 417-424.

CAN5 St. John, H. Revision of the Hawaiian species of Canavalia
1970 (Leguminosae). Hawaiian Plant Studies, 32pp.

Other relevant reference:

D100

CICER

CIC1 Brar, H.S. & Athwal, D.S. Identification of genes
1970 controlling seed colour in Cicer arietinum L. Indian J. Genet. Plant Breed., 30: 690-703.

CIC2 Hawtin, G.C., Singh, K.B. & Saxena, M.C. Some recent
1980 developments in the understanding and improvement of Cicer and Lens. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Kew, Royal Botanic Gardens, p.613-623.

CIC3 Jain, K.C., Pandya, B.B. & Pande, K. Genetic divergence in
1981 chickpea. Indian J. Genet. Plant Breed., 41: 220-225.

CIC4 Joshi, S.N. Variability and association of some yield
1972 components in gram (Cicer arietinum L.). Indian J. Agric. Sci., 42: 397-399.

CIC5 Ladizinsky, G. A new Cicer from Turkey. Notes R. Bot. Gard.
1975 Edinburgh, 34: 201-202.

CIC6 Ladizinsky, G. & Adler, A. The origin of chickpea, Cicer
1976 arietinum L. Euphytica, 25: 211-257.

CIC7 Ladizinsky, G. & Adler, A. The origin of chickpea as
1976 indicated by seed protein electrophoresis. Israel J. Bot., 24: 183-189.

CIC8 Maesen, L.J.G. van der. Cicer L., a monograph of the genus,
1972 with special reference to the chickpea (Cicer arietinum L.), its ecology and cultivation. Meded. Landbouwogesch. Wageningen, 72: 1-136.

CIC9 Maesen, L.J.G. van der. Chickpea: distribution of
1973 variability. In Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome, FAO/IBP, p.30-34.

CIC10 Maesen, L.J.G. van der. Genetic resources of chickpea.
1973 Plant Genet. Resour. Newsl., 30: 17-24.

CIC11 Maesen, L.J.G. van der Germplasm collection and evaluation
1976 in Cicer and Cajanus. In Int. Workshop Grain Legumes. Jan. 13-16, 1975. Hyderabad, ICRISAT, p.229-237.

CIC12 Mehra, K.L. et al. Association between morphological
1966 characters and chemical composition of Cicer arietinum. Indian J. Genet. Plant Breed., 27: 437-441.

CIC13 Moreno, M. T. & Cubero, J.I. Variation in Cicer arietinum L.
1978 Euphytica, 27: 465-485.

CIC14 Niknejad, M. & Khosh-Khu, M. Natural cross-pollination in
1972 gram (Cicer arietinum L.). Indian J. Agric. Sci., 42: 273-274.

CIC15 Popov, H.G. {The genus Cicer and its species.} Trudy
1928/29 Prikl. Bot. Genet. Selek., 21: 234-239. (In Russian, English summary)

CIC16 Ramanujam, S. Chickpea. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.157-159.

CIC17 Sandha, G.S. & Athwal, D.S. Inheritance of branching in
1971 gram (Cicer arietinum L.). Punjab Agric. Univ. Res. J., 8: 143-152.

CIC18 Shaw, F.J.F. & Kahn, A.R. Studies in Indian pulses 2. Some
1931 varieties of Indian gram (Cicer arietinum L.). Mem. Dept. Agric. India Bot. Ser., 19: 27-47.

CIC19 Singh, K.B. & Maesen, L.J.G. van der. Chickpea bibliography.
1977 Hyderabad, ICRISAT. 223pp.

CIC20 Yeremin, V.V. {The origin of the cultivated chickpea.} S-
1970 kh. Biol., 5: 607-608. (In Russian)

Other relevant references :

J1,L42,M6,Q41,LEG19

GLYCINE

GLY1 AID 1973 Development and food utilization of soybeans. Sum. Rep. AID, U.S. Dep. State, Washington, D.C., College o^c Agr., Univ. Illinois, Urbana-Champaign, p.13-53.

GLY2 Aruga, T. 1948 {Ecological types of soybean varieties.} Nogyo Oyobi Engei, 23: 617-620. (In Japanese)

GLY3 Broich, S.L. & Palmer, R.S. 1980 A cluster analysis of wild and domesticated soybean. Euphytica, 29: 23-32.

GLY4 Broue, P. 1977 Australian native species of Glycine - wild relatives of the soybean. In CSIRO Annual report 1977, Canberra, p.28-32.

GLY5 Byrd, H.W. & Delouche, J.C. 1971 Deterioration of soybean seed in storage. Proc. Ass. Official Seed Analysts North Am., 61: 41-57.

GLY6 Chang, R.Z., Deng, X.H. & Tong, Y.G. 1981 {A survey in wild soyabean resources in the western mountainous areas of Hubei Province.} Hubei Agric. Sci., 4: 17-19. (In Chinese)

GLY7 Hermann, F.J. 1962 A revision of the genus Glycine and its immediate allies. U.S. Dep. Agric. Bull. 1268, 82pp.

GLY8 Hittle, C.N. 1977 Expanded soybean production and use: the international soybean programme. In Williams, J.T., ed. Southeast Asian workshop on plant genetic resources: proceedings. Rome, IBPGR; & Philippines, PCARR, p.61-65.

GLY9 Hymowitz, T. 1969 On the origin of the soybean. Agronomy Abstr., 1969: 9.

GLY10 Hymowitz, T. 1970 On the domestication of the soybean. Econ. Bot., 24: 408-421.

GLY11 Hymowitz, T., Palmer, R.G. & Hadley, H.H. 1972 Seed weight, protein, oil and fatty acid relationships within the genus Glycine. Trop. Agric., 49: 245-250.

GLY12 Hymowitz, T. 1976 Soybeans. In Simmonds, N.W., ed. Evolution of crop plants. London, Longman, p.159-162.

GLY13 Hymowitz, T. & Kaizuma, N. 1981 Soybean seed protein electrophoresis profiles from 15 Asian countries or regions: hypotheses on paths of dissemination of soybeans from China. Econ. Bot., 35: 10-23.

GLY14 Hymowitz, T. & Newell, C. A wild relative of the soybean.
1975 Illinois Research, 17: 18-19.

GLY15 Hymowitz, T. & Newell, C.A. Current thoughts on origins,
1977 present status and future of soyabean. In Seigler, D.S., ed. Crop resources. New York, Academic Press, p.197-209.

GLY16 Hymowitz, T. & Newell, C.A. Taxonomy, speciation,
1980 domestication, dissemination, germplasm resources and variation in the genus Glycine. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Kew, Royal Botanic Gardens, p.251-264.

GLY17 Hymowitz, T. & Newell, C.A. Taxonomy of the genus Glycine,
1981 domestication and uses of soybeans. Econ. Bot., 35: 272-288.

GLY18 Kilen, T.C. An unusual miniature soybean. Crop. Sci., 15:
1975 871-872.

GLY19 Korsakov, N.I. Mobilization, conservational and utilization
1980 of soybean germplasm in the USSR. In Corbin, F.T., ed. World soybean research conference II: Proceedings. Boulder, Colorado, Westview Press, p.241.

GLY20 Kwon, S.H. Origin and cultivation of soybean in Korea.
1971 Proc. 12th Pacific Sci. Congr., Canberra, Australia, 18th Aug.-3rd Sept., 1971.

GLY21 Kwon, S.H. History and the landraces of Korean soybean.
1972 SABRAO Newsl., 4: 107-111.

GLY22 Kwon, S.H., Im, K.H. & Kim, J.R. Diversity of protein and
1972 oil contents of the Korean soybean and land races. Korean J. Breed., 4: 29-32.

GLY23 Lager, M.M. The useful soybean. New York, McGraw-Hill.
1945

GLY24 Lu, Y.C. Studies on the morphology, physiology and
1966 cytogenetics of cultivated, semi-cultivated and wild soy-beans. J. Agric. For. (Taiwan), 15: 1-31.

GLY25 Markley, K.S. Soyabeans and soyabean products. New York,
1960 Interscience. 2 vols.

GLY26 Nagata, T. Studies on the differentiation of soybeans in
1959 the world, with special regard to that in Southeast Asia 2. Origin of culture and paths of dissemination of soybeans, as considered by the distribution of their summer vs. autumn soybean habit and plant habit. Proc. Crop Sci. Soc. Japan, 28: 79-82.

GLY27 Nagata, T. Studies on the differentiation of soybeans in
1960 Japan and the world. Mem. Hyogo Univ. Agric., 3: 63-102.

GLY28 Nagata, T. Morphological, physiological and genetic aspects
1960 of the summer vs. autumn soybean habit, the plant habit, and the interrelation between them in a soybeans. Sci. Reps. Ayogo Univ. Agric., 4: 71-95.

GLY29 Newell, C.A. & Hymowitz, T. Glycine canescens F.J. Herm., a
1975 wild relative of the soybean. Crop Sci., 15: 879-881.

GLY30 Quyen, N.H. Improvement of soybean (Glycine max (L.)
1975 Merrill) in Vietnam. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.137-146.

GLY31 Sanbuichi, T. & Goro, K. {Studies on adaptation in soybean
1969 varieties.} Bull. Hokkaido Pref. Agr. Exp. Sta., 19: 36-46. (In Japanese)

GLY32 Satbaldina, S.T. et al. {Comparative immunochemical
1971 analysis of proteins in cultivated and wild soybean seeds.} Trudy Prikl. Bot. Genet. Selek., 45: 222-229. (In Russian)

GLY33 Singh, K.B. A review on the origin of soybean. SABRAO J.,
1974 6: 99-101.

GLY34 Sun, H.T. & Keng, C.H. {A taxonomic study of soybeans.}
1952 Acta Phytotaxon. Sinica, 2: 1-19. (In Chinese)

GLY35 Szucs, A. {Agrobotanical and economic evaluation of
1962 soyabean varieties 1.} Agrobotanika, 4: 159-204. (In Hungarian)

GLY36 Verdcourt, B. A proposal concerning Glycine L. Taxon. 15:
1966 34-36.

Other relevant references :

L20,L42,N96,Q41,Q101,LEG22

LATHYRUS

LAT1 Muratova, V.S. {Areas of the geographical distribution of
1926 the most important representatives of the genus Lathyrus L., which are of agricultural value.} Trudy Prikl. Bot. Genet. Selek., 16: 89-98. (In Russian)

LENS

LEN1 Barulina, H. {Lentils of the U.S.S.R. and of other
1930 countries.} Trudy Prikl. Bot. Genet. Selek., suppl., 40: 1-319. (In Russian. English summary)

LEN2 Bhattacharjee, S.K. Caryotype analysis of Lens esculenta
1951 Moench var. microsperma. Sci. Cult., 16: 426-427.

LEN3 Bhattachrajee, S.K. Cytogenetics of Lens esculenta Moench.
1953 Caryologia, 5: 159-166.

LEN4 Cubero, J.I. Origin, taxonomy and domestication. In Webb,
1981 C. & Hawtin, G., eds. Lentils. Slough, UK., Commonwealth Agricultural Bureaux. p.15-38.

LEN5 Hawtin, G.C., Singh, K.B. & Saxena, M.C. Some recent
1980 developments in the understanding and improvement of Cicer and Lens. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Kew, Royal Botanic Gardens, p.613-623.

LEN6 Ladizinsky, G. The origin of lentil and its wild genepool.
1979 Euphytica, 28: 179-187.

LEN7 Ladizinsky, G. Species relationships in the genus Lens as
1979 indicated by seed-protein electrophoresis. Bot. Gaz., 140: 449-451.

LEN8 Mehra, K.L. History of masura-pulse in India and its
1972 cultural significance. Vishveshwaranand Indological J., 10: 131-139.

LEN9 Miranda, F. Observaciones citologicas en la lenteja, (Lens
1931 esculenta Moench). Bol. Soc. Esp. Hist. Nat., 31: 403-407.

LEN10 Papp, E. {Contributions to the morphologic characterization
1966 of lentil varieties.} Agrobotanika, 8: 69-115. (In Hungarian)

LEN11 Papp, E. Drawings of Lens culinaris ssp. macrosperma and
1980 L.c. ssp. microsperma. LENS, 7: 1-3.

LEN12 Prem Sagar. Variation in lentils. LENS, 5: 62-64.
1978

LEN13 Sharma, A.K. & Mukhopadhyay, S. Karyotype constancy in
1963 different strains of Lens esculenta Moench as worked out through recent techniques. Indian Agric., 7: 103-111.

LEN14 Solh, M. & Erskine, W. Genetic resources. In Webb, C. &
1981 Hawtin, G., eds. Lentils. Slough, UK., Commonwealth Agricultural Bureaux. p.53-67.

LEN15 Szucs, A. {Investigations into the crop value of lentil
1972 varieties.} Agrobotanika, 14: 103-124. (In Hungarian)

LEN16 Voluzneva, T.A. {Wild lentil species in the VIR
1981 collection.} Byull. Vses. Inst. Rastenievod., 107: 15-16. (In Russian, English summary)

LEN17 Webb, C. & Hawtin, G., eds. Lentils. Slough, UK.,
1981 Commonwealth Agricultural Bureaux. 216pp.

LEN18 Williams, J.T., Sanchez, A.M.C. & Carasco, J.F. Studies on
1975 lentils and their variation 2. Protein assessment for breeding programmes and genetic conservatiion. SABRAO J., 7: 27-36.

LEN19 Williams, J.T., Sanchez, A.M.C. & Jackson, M.T. Studies on
1974 lentils and their variation 1. The taxonomy of the species. SABRAO J., 6: 133-145.

LEN20 Wilson, W.H., Law, A.G. & Warner, R.L. Inheritance of
1970 cotyledon color in Lens culinaris Medik. Crop Sci., 10: 205-207.

LEN21 Zohary, D. The wild progenitor and the place of origin of
1972 the cultivated lentil, Lens culinaris. Econ. Bot., 26: 326-332.

LEN22 Zohary, D. Lentil. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.163-164.

Other relevant references :

J1,N97,Q41

LUPINUS

LUP1 Antunez de Mayolo, S. Tarwi in ancient Peru. In Gross, R.
1982 & Bunting, E.S., eds. Agricultural and nutritional aspects of lupines. Proc. 1st Int. Lupine Workshop. Lima-Cuzco, Peru, April 1980. Eschborn, Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ), p.1-11.

LUP2 Blanco, O. Genetic variability of Tarwi (Lupinus mutabilis
1982 Sweet). In Gross, R. & Bunting, E.S., eds. Agricultural and nutritional aspects of lupines. Proc. 1st Int. Lupine Workshop. Lima-Cuzco, Peru, April 1980. Eschborn, Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ), p.33-49.

LUP3 Gade, D.W. Vanishing crops of traditional agriculture: the
1969 case of tarwi (Lupinus mutabilis) in the Andes. Proc. Assoc. Am. Geogr., 1: 47-51.

LUP4 Gladstones, J.S. Lupins as crop plants. Field Crop Abstr.,
1970 23: 123-148.

LUP5 Gladstones, J.S. Lupins of the Mediterranean region and
1974 Africa. Dept. Agric. Western Australia, Tech. Bull. no.26. 48pp.

LUP6 Gladstones, J.S. The Mediterranean white lupin. J. Agric.
1976 Western Australia, 17: 70-74.

LUP7 Gladstones, J.S. The narrow-leafed Lupin in Western
1977 Australia (Lupinus angustifolius L.). Dept. Agric. Western Australian Bull. no.3990. 39pp.

LUP8 Gladstones, J.S. Recent developments in the understanding,
1980 improvement, and use of Lupinus. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Kew, Royal Botanic Gardens, p.603-611.

LUP9 Heiser, C.B. Jr. Chochos and other lupines in Ecuador.
1964 Bull. MO. Bot. Gard., 52: 8-13.

LUP10 Hudson, B.J.F., Fleetwood, J.G. & Zand-Moghaddam, A. Lupin:
1976 an arable food crop for temperate climates. Plant Foods for Man, 2: 81-90.

LUP11 Kazimierski, T. Cytogenetics of species and hybrids in the
1982 Lutei section the genus Lupinus. In Gross, R. & Bunting, E.S., eds. Agricultural and nutritional aspects of lupines. Proc. 1st Int. Lupine Workshop. Lima-Cuzco, Peru, April 1980. Eschborn, Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ), p.51-68.

LUP12 Kazimierski, T. & Nowacki, E. Lupins of the old world.
1961 Genetica Polonica, 2: 113-118.

LUP13 Lamberts, H. {Broadening the bases for the breeding of
1955 yellow sweet lupins.} Wageningen, Veeman Zonen. 54pp. (In Dutch)

LUP14 Maisuryan, N.A. & Atabekova, A.I. {Lupin.} Moscow, Kolos.
1978 463pp. (In Russian)

LUP15 Pazy, B. 1982 Wild populations of native Mediterranean lupines. In Gross, R. & Bunting, E.S., eds. Agricultural and nutritional aspects of lupines. Proc. 1st Int. Lupine Workshop. Lima-Cuzco, Peru, April 1980. Eschborn, Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ), p.13-21.

LUP16 Plarre, W. 1982 Lupin workshop Lima, 12-21 April 1980 - recommendations of the working groups and some proposals for maintenance of different crops. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.269-273.

LUP17 Plitmann, U. 1981 Evolutionary history of the Old World lupines. Taxon, 30: 430-437.

LUP18 Simpson, M.J.A. & McGibbon, R. 1982 White lupin in cultivation in Iberia. Econ. Bot., 36: 442-446.

LUP19 Swiecicki, W. & Jach, K. 1980 Variation and evolution of alkaloid complex in yellow lupine (Lupinus luteus L.) during domestication. Acta Agrobot., 33: 177-195.

LUP20 Tapia, M. & Vargas, C. 1982 Wild lupine of the Andes of Southern Peru. In Gross, R. & Bunting, E.S., eds. Agricultural and nutritional aspects of lupines. Proc. 1st Int. Lupine Workshop. Lima-Cuzco, Peru, April 1980. Eschborn, Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ), p.23-31.

Other relevant references :

A102,J132,J133,J176,J177,N42,Q79

PHASEOLUS

PHA1 Baudet, J.C. 1977 The taxonomic status of the cultivated types of Lima bean (Phaseolus lunatus L.). Trop. Grain Leg. Bull. No.7, p.29-30.

PHA2 Baudet, J.C. 1977 Origine et classification des especes cultivees du genre Phaseolus. Bull. Soc. R. Bot. Belg., 110: 65-76.

PHA3 Berglund-Brucher, O. & Brucher, H. 1976 The South American wild bean (Phaseolus aborigineus Burk.) as ancestor of the common bean. Econ. Bot., 30: 257-272.

PHA4 Brown, G.B., Deakin, J.R. & Hoffman, J.C. Identification of
1971 snap bean cultivars by paper chromatography of flavonoids. J. Am. Soc. Hortic. Sci., 96: 477-481.

PHA5 Brucher, H. Die evolution der Gartenbohne Phaseolus
1968 vulgaris L. aus der Sudamerikanischen Wildbohne Phaseolus aborigineus Burk. Angew.Bot., 42: 119-128.

PHA6 Brucher, H. Stammt die Bohne doch aus Sudamerika ?
1974 Umschau, 74: 672-677.

PHA7 Budanova, V.I. & Ivanov, N.R. {On the systematics of the
1973 genus Phaseolus L.}. Trudy Prikl. Bot. Genet. Selek., 51: 18-32. (In Russian)

PHA8 Burkart, A. & Brucher, H. Phaseolus aborigineus Burkart,
1953 die mutmassliche andine Stammform der Kulturbohne. Zuchter, 23: 65-72.

PHA9 Burns, R.R. Fuentes de variabilidad genetica. Cali,
1977 Colombia, CIAT. 14pp.

PHA10 Burns, R. Especies de Phaseolus spp. cultivadas y silves-
1977 tres. Cali, Colombia, CIAT. 15pp.

PHA11 Carter, G.F. An early American description probably
1948 referring to Phaseolus lunatus. Chronica Bot., 12: 155-160.

PHA12 Debouck, D.G. Diversidad del frijol en Mexico y actividades
1978 de recoleccion de germoplasma. Seminarios Internos, Serie SE no.05-79, 13pp.

PHA13 Eseltine, G.P. van. Variation in the Lima bean, Phaseolus
1931 lunatus, as illustrated by its synonymy. New York State Agric. Exper. Station Tech. Bull. no.182. 24pp.

PHA14 Evans, A.M. Research on the evolution and genetic
1974 improvement of grain legumes. Univ. Camb. Dep. Appl. Biol. Mem., 46: 5-11.

PHA15 Evans, A.M. Beans. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.168-172.

PHA16 Evans, A.M. Structure, variation, evolution and
1980 classification in Phaseolus. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Kew, Royal Botanic Gardens, p.337-347.

PHA17 Evans, A.M. & Walters, D.E. Describing, evaluating and
1979 utilizing a germplasm collection of Phaseolus vulgaris beans. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.127-132.

PHA18 Gentry, H.S. Origin of the common bean, Phaseolus vulgaris.
1969 Econ. Bot., 23: 55-69.

PHA19 Hernandez X., E. Commentary upon: Plant introduction and
1973 germplasm of Phaseolus vulgaris and other food legumes. In CIAT, Potentials of field beans and other food legumes in Latin America, Cali, Colombia. CIAT. p.253-258.

PHA20 Hernandez X., E., Miranda, S.C. & Prywer, C. El origen de
1959 Phaseolus coccineus L. darwinianus Hdz. X. & Miranda, C., subspecies nova. Rev. Soc. Mex. Hist. Nat., 29: 99-121.

PHA21 Hernandez X., E., Ramos, R.A. & Martinez A.M.A.
1979 Etnobotanica. In Engleman, E.M., ed. Contribuciones al conocimiento del frijol (Phaseolus) en Mexico. Chapingo, Mexico. Escuela Nacional de Agricultura. p.113-138.

PHA22 Hidalgo, R. & Song, L. Diversidad genetica en especies de
1979 Phaseolus. Cali, Colombia; CIAT. 29pp.

PHA23 Ivanov, N.R. The cultivated bean species of Latin America.
1929 Proc. USSR Congr. Genet. Plant Animal Breed., 3: 235-244.

PHA24 Ivanov, N.R. {Geographical regularities in the distribution
1937 of the cultivated Phaseolinae.} Trudy Prikl. Bot. Genet. Selek., 2: 41-106. (In Russian)

PHA25 Ivanov, N.R. & Budanova, V.I. {The origin of Phaseolus L.}
1976 Trudy Prikl. Bot. Genet. Selek., 57: 59-71. (In Russian, English summary)

PHA26 Kaplan, L. Archeology and domestication in American
1965 Phaseolus (beans). Econ. Bot., 19: 358-368.

PHA27 Kaplan, L. What is the origin of the common bean ? Econ.
1981 Bot., 35: 240-254.

PHA28 Kaplan, L. & MacNeish, R.S. Prehistoric bean remains from
1960 caves in the Ocampo region of Tamaulipas, Mexico. Bot. Mus. Leafl. Harv. Univ., 19: 33-56.

PHA29 Kaplan, L., Lynch, T.F. & Smith, C.E. Jr. Early cultivated
1973 beans (Phaseolus vulgaris) from an intermontane Peruvian valley. Science, N.Y., 179: 76-77.

PHA30 Kloz, J. An investigation of the protein characters of four
1962 Phaseolus species with especial reference to the question of their phylogenesis. Biologia Plant., 4: 85-90.

PHA31 Kloz, J. & Klozova, E. Variability of protein I and II in
1968 the seeds of species of the genus Phaseolus. In Hawkes, J.G., ed. Chemotaxonomy and serotaxonomy. London, Academic Press, p.93-102.

PHA32 Kloz, J., Klozova, E. & Turkova, V. Protein characters and
1966 relationship between Phaseolus vulgaris ssp. aborigineus Burk. and related taxons of the genus Phaseolus. Biologia Plant., 8: 17-196.

PHA33 Kloz, J., Turkova, V. & Klozova, E. Proteins found during
1966 maturation and germination of Phaseolus vulgaris L. Biologia Plant., 8: 164-173.

PHA34 Klozova, E. & Kloz, J. The identification of hybrids of
1964 Phaseolus vulgaris L. x Phaseolus coccineus L. using immunochemical methods. Biologia Plant., 6: 240-241.

PHA35 Klozova, E. & Kloz, J. Protein characters in species hybrids
1966 of the genus Phaseolus studied by means of serological methods. Acta Agric. Scand., 16: 225-228.

PHA36 Klozova, E., Turkova, V. & Platilova, I. Comparison of
1977 storage proteins of Phaseolus caracalla L. with the proteins of some other representatives of the genus Phaseolus. Biologia Plant., 19: 278-283.

PHA37 Kooistra, I.E. Bohnen (Phaseolus coccineus L.). In Kappert,
1962 H. & Rudorf, W., eds. Handbuch der Pflanzenzuchtung, 2nd ed. Berlin, Parey, vol.6. p.369-372.

PHA38 Mackie, W.W. Origin, dispersal, and variability of the Lima
1943 bean, Phaseolus lunatus. Hilgardia, 15: 1-29.

PHA39 Marchand, G.L. & Wouters, W. Gossypium et Phaseolinae.
1971 Reserve de gènes, phylogenie et amelioration d'especes cultivees. Bull. Jard. Bot. Nat. Belgique, 41: 43-51.

PHA40 Miranda, C.S. Evolucion de Phaseolus vulgaris y P.
1979 coccineus. In Engleman, E.M., ed. Contribuciones al conocimiento del frijol (Phaseolus) en Mexico. Chapingo, Mexico. Escuela Nacional de Agricultura. p.83-99.

PHA41 Nabhan, G.P. Tepary beans. The effects of domestication on
1979 adaptations to arid environments. Arid Lands Newsl., 10: 11-16.

PHA42 Nabban, G.P. & Felger, R.S. Teparies in southwestern North
1978 America. A biogeographical ethnohistorical study of Phaseolus acutifolius. Econ. Bot., 32: 2-19.

PHA43 Nabhan, G.P., Berry, J.W. & Weber, C.W. Wild beans of the
1980 Greater Southwest: Phaseolus metcalfei and P. ritensis. Econ. Bot., 34: 68-85.

PHA44 Rosic, K. {History of culture and original species of
1954 Phaseolus vulgaris.} Biljna Proizv., Zagreb., 6: 78-89. (In Russian)

PHA45 Rutger, J.N. & Beckham, L.S. Natural hybridization of
1970 Phaseolus vulgaris L. x Phaseolus coccineus L. J. Am. Soc. Hortic. Sci., 95: 659-661.

PHA46 Singh, H.B., Joshi, B.S., Chandel, K.P.S., Pant, K.C. &
1974 Saxena, R.K. Genetic diversity in some asiatic Phaseolus species and its conservation. In Proc. 2nd Gen. Congr. Soc. Adv. Breeding Researches in Asia and Oceania. New Delhi, Indian Society of Genetics and Plant Breeding, p.52-57.

PHA47 Smartt, J. Evolution of American Phaseolus beans under
1969 domestication. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.451-462.

PHA48 Smartt, J. Interspecific hybridization between cultivated
1970 American species in the genus Phaseolus. Euphytica, 19: 480-489.

PHA49 Smartt, J. The possible status of Phaseolus coccineus L.
1973 ssp. darwinianus Hdz. X. et Miranda C. as a distinct species and cultigen of the genus Phaseolus. Euphytica, 22: 424-426.

PHA50 Smartt, J. Selection pressures in the domestication of
1976 Phaseolus species. Ann. Rep. Bean Improvement Coop., 19: 77-78.

PHA51 Smartt, J. Gene pools in Phaseolus and Vigna cultigens.
1981 Euphytica, 30: 445-449.

PHA52 Smartt, J. & Haq, N. Fertility and segregation of the
1972 amphiploid Phaseolus vulgaris L. x P. coccineus L. and its behaviour in backcrosses. Euphytica, 21: 496-501.

PHA53 Sousa S., M., & Delgado S., A. Herramientas y
1979 consideraciones para la revision del genero Phaseolus. In Engleman, E.M., ed. Contribuciones al conocimiento del frijol (Phaseolus) en Mexico. Chapingo, Mexico. Escuela Nacional de Agricultura. p.59-82.

PHA54 Thomas, H. Investigations into the inter-relationships of
1964 Phaseolus vulgaris L. and P. coccineus Lam. Genetica, 35: 59-74.

PHA55 Wall, J.R. Experimental introgression in the genus
1970 Phaseolus 1. Effect of mating systems in interspecific gene flow. Evolution, Lancaster, Pa., 24: 356-366.

Other relevant references :

A138,B169,D73,D74,E2,J131,K82,N45,N49,Q41,Q137

PISUM

PIS1 Ben-Ze'ev, N. & Zohary, D. Species relationships in the
1973 genus Pisum L. Israel J. Bot., 22: 73-91.

PIS2 Bhag Mal. Genotypic and phenotypic variability in yield and
1969 other quantitative characters in pea. Indian J. Hered., 1: 99-104.

PIS3 Blixt, S. Pisum. In Frankel, O.H. & Bennett, E., eds.
1970 Genetic resources in plants. Oxford, Blackwell, p.321-326.

PIS4 Davies, D.R. Peas. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.172-174.

PIS5 Gentry, H.S. Pisum resources - a preliminary survey. Plant
1971 Genet. Resour. Newsl., 25: 3-14.

PIS6 Gentry, H.S. Pea picking in Ethiopia. Plant Genet. Resour.
1971 Newsl., 26: 20-24.

PIS7 Govorov, L.I. {The peas of Afghanistan.} Trudy Prikl. Bot.
1928 Genet. Selek., 19: 497-522. (In Russian)

PIS8 Govorov, L.I. {The peas of Abyssinia.} Trudy Prikl. Bot.
1930 Genet. Selek., 24: 399-431. (In Russian)

PIS9 Hadacova, V., Turkova, V., Hadac, E. & Klozova, E. 1980 Comparison of seed proteins of some representatives of the genus Pisum from the point of view of their relationship. Comparison of disc electrophoreses. Biologia Plant., 22: 7-16.

PIS10 Horvath, Z. {Taxonomic investigation of pea varieties 1.} 1973 Agrobotanika, 15: 207-213. (In Hungarian)

PIS11 L. precht, H. Monographie der Gattung Pisum. Graz, 1974 Steiermarkische Landesdruckerei.

PIS12 Makasheva, R.Kh. {Flora of cultivated plants of the USSR. 1979 Vol.4. Grain legumes. Part 1. Pea.} Leningrad, Kolos. 324pp. (In Russian)

PIS13 Meyer, D. Numerisch-taxonomische Untersuchungen an Pisum 1980 sativum L. Kulturpflanze, 28: 285-340.

PIS14 Singh, H.B., Pant, K.C., Joshi, B.S. & Chandel, K.P.S. 1976 Evaluating a Pisum collection. Plant Genet. Resour. Newsl., 32: 17-35.

PIS15 Sutton, A.W. Crossing Palestine wild pea with commercial 1914 types. J. Linn. Soc. Bot., 42: 427-434.

PIS16 Swiecicki, W.K. Pea genebank in Poland. Plant Genet. 1980 Resour. Newsl., 44: 15-16.

PIS17 Turkova, V., Klozova, E. & Hadacova, V. The comparison of 1980 seed proteins of several representatives of the genus Pisum with respect to their relationships. An immunological comparison. Biologia Plant., 22: 17-24.

PIS18 Waines, J.G. The biosystematics and domestication of peas 1975 (Pisum L.). Bull. Torrey Bot. Club, 102: 385-395.

PIS19 Yarnell, S.H. Cytogenetics of the vegetable crops 3. 1962 Legumes. A, garden peas, Pisum sativum L. Bot. Rev., 28: 465-537.

Other relevant references :

B1,E74,L40,M37,P50,Q15,Q41,LEG16

PSOPHOCARPUS

PSO1 Chomchalow, N. & Pongpangan, L. Winged bean germplasm 1981 collections and evaluation in Thailand. IBPGR Southeast Asian Newsl., 5, no.2: 10-12.

PSO2 Erskine, W. & Khan, T.N. Variation within and between land
1981 races of winged bean (Psophocarpus tetragonolobus (L.) DC.) Field Crops Research, 3: 359-364.

PSO3 Haq, N. Germplasm resources, breeding and genetics of the
1982 winged bean. Z. Pflanzenzucht., 88: 1-12.

PSO4 Hymowitz, T. & Boyd, J. Origin, ethnobotany and
1977 agricultural potential of the winged bean, Psophocarpus tetragonolobus. Econ. Bot., 31: 180-188.

PSO5 Khan, T.N. Variation in wing bean in Papua/New Guinea. In
1975 Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.152-156.

PSO6 Khan, T.N. Papua New Guinea: a centre of genetic diversity
1976 in winged bean (Psophocarpus tetragonologus (L.) DC.) Euphytica, 25: 693-706.

PSO7 Khan, T.N. Variation, ecology and cultural practices of the
1980 winged bean. In The winged bean. 1st Int. Symp. on developing the potentials of the winged bean. January, 1978. Manila, Philippines. Los Banos, Laguna, Philippine Council for Agriculture and Research, p.3-11.

PSO8 Khan, T.N. & Eagleton, G.E. The winged-bean, Psophocarpus
1980 tetragonolobus. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Kew, Royal Botanic Gardens, p.383-392.

PSO9 Khan, T.N. & Erskine, W. Conservation of winged bean
1975 germplasm. Australian Plant Intro. Rev., 10: 4-10.

PSO10 Khan, T.N., Stephenson, R.A. & Brock, R.D. Genetic
1977 resources in winged bean and their utilization. In 3rd Int. Congr. SABRAO Plant Breeding papers: 1.1. Genetic resources, Canberra, Australia, p.19-25.

PSO11 Mamicpic, N.G. & Movillon, M.M. Collection, evaluation and
1980 conservation of winged bean germplasm in the Philippines. In The winged bean. 1st Int. Symp. on developing the potentials of the winged bean. January, 1978. Manila, Philippines. Los Banos, Laguna, Philippine Council for Agriculture and Research, p.58-62.

PSO12 Masefield, G.B. Psophocarpus tetragonolobus - crop with a
1973 future ? Field Crop Abstr., 26: 157-160.

PSO13 National Academy of Sciences. The winged bean: a high
1975 protein crop for the tropics. Special Report, NAS, Nat. Res. Council, no.17. 41pp.

PSO14 Newell, C.A. & Hymowitz, T. The winged bean as an
1979 agricultural crop. In Ritchie, G.A., ed. New agricultural crops. Boulder, Colorado, Westview Press, p.21-40.

PSO15 Pickersgill, B. Cytology of two species of winged bean,
1980 Psophocarpus tetragonolobus (L.) DC. and P. scandens (Endl.) Verdc. (Leguminosae). Bot. J. Linn. Soc., 80: 279-291.

PSO16 Sastrapradja, S. & Aminah Lubis, S.H. Psophocarpus
1975 tetragonolobus as a minor garden vegetable in Java. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.147-151.

PSO17 Senanayake, Y.D.A. & Ponnadurai, M. Chemical
1979 characterization of winged bean, Psophocarpus tetragonolobus (L.) DC and related P. palustris Desv. J. Nat. Sci. Council Sri Lanka, 7: 119-121.

PSO18 Singh, R.B. Current status of genetic resources of winged
1981 bean, Psophocarpus tetragonolobus (L) D.C. IBPGR Southeast Asian Newsl., 5, no.2: 5-9.

PSO19 Smartt, J. Some observations on the origin and evolution of
1980 the winged bean (Psophocarpus tetragonolobus). Euphytica, 29: 121-123.

PSO20 Thompson, A.E. & Haryono, S.K. Winged bean: unexploited
1980 tropical food crop. HortScience, 15: 233-238.

PSO21 Verdcourt, B. & Halliday, P. A revision of Psophocarpus
1978 (Leguminosae-Papilionoideae-Phaseoleae). Kew Bull., 33: 191-227.

Other relevant references :

N50,Q30

VICIA FABA

VIC1 Abdalla, M.M.F. The origins and evolution in Vicia faba L.
[undated] In Proc. 1st. Mediterranean Conf., Genetics, March 1979. p.713-739.

VIC2 Abdalla, M.M.F. & Gunzel, G. Protein content and
1979 electrophoresis of seed proteins of certain Vicia faba L. stocks and their assumed ancestors. Z. Pflanzenzucht., 83: 148-154.

VIC3 Bond, D.A. Field bean. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.179-182.

VIC4 Chapman, G.P. Genetic variation within Vicia faba. FABIS,
1981 (Faba bean information service), ICARDA - Sci. Newsl. publ. series. 12pp.

VIC5 Cubero, J.I. Evolutionary trends in Vicia faba L. Theor.
1973 Appl. Genet., 43: 59-65.

VIC6 Cubero, J.I. On the evolution of Vicia faba L. Theor.
1974 Appl. Genet., 45: 47-51.

VIC7 Cubero, J.I. & Suso, M.J. Primitive and modern forms of
1981 Vicia faba. Kulturpflanze, 29: 137-145.

VIC8 Hanelt, P. Die infraspezifische Variabilitat von Vicia faba
1972 L. und ihre Gleiderung. Kulturpflanze, 20: 75-128.

VIC9 Hanelt, P. Zur Geschichte des Anbaues von Vicia faba L. und
1972 ihrer verschiedenen Formen. Kulturpflanze, 20: 209-223.

VIC10 Hanelt, P. Merkmalsvariabilitat bei Vicia faba L. I & II.
1973 Kulturpflanze, 21: 55-60.

VIC11 Hanelt, P., Schafer, H. & Schultze-Motel, J. Die Stellung
1972 von Vicia faba L. in der Gattung Vicia L. und Betrachtungen zur Enstehung dieser Kulturart. Kulturpflanze, 20: 263-275.

VIC12 Hebblethwaite, P.D. The faba bean (Vicia faba L.): basis
1982 for improvement. London, Butterworth.

VIC13 Helga, I.S. Zur taxonomie der Vicia narbonensis - Gruppe.
1973 Kulturpflanze, 21: 211-273.

VIC14 Kupicha, F.K. The infrageneric structure of Vicia. Notes.
1976 R. Bot. Gard. Edinburgh, 34: 287-326.

VIC15 Ladizinsky, G. Seed protein electrophoresis of the wild and
1975 cultivated species of section faba of Vicia. Euphytica, 24: 785-788.

VIC16 Ladizinsky, G. On the origin of the broad bean, Vicia faba L.
1975 Israel J. Bot., 24: 80-88.

VIC17 Lafiandra, D., Polignano, G., Filippetti, A. & Porceddu, E.
1981 Genetic variability for protein content and S-amino-acids in broad beans (Vicia faba L.). Kulturpflanze, 29: 115-127.

VIC18 Michaelis, A. & Rieger, R. New karyotypes of Vicia faba L.
1971 Chromosoma, 35: 1-8.

VIC19 Moreno, M. T. A note on systematics and evolution of
1979 broadbean (Vicia faba). FABIS Newsl., 1: 15.

VIC20 Muratova, V.S. {Ecological and geographical classification
1938 and evolution of beans (Vicia faba L.).} C.R.(Dokl.) Akad. Nauk URSS, 21: 199-201. (In Russian)

VIC21 Perrino, P. & Pignone, D. Contribution to the taxonomy of
1981 Vicia species belonging to the section Faba. Kulturpflanze, 29: 311-319.

VIC22 Sirks, M.J. Bietrage zur einer genotypischen Analyse der
1931 Ackerbohne Vicia faba L. Genetica, 13: 209-631.

VIC23 Witcombe, J.R. Genetic resources of faba beans. In Hawtin,
1982 G.C. & Webb, C., eds. Faba bean improvement (Proc. Int. Faba Bean Conf., Cairo, March 1981). The Hague, Netherlands, Martinus Nijhoff, p.1-13.

VIC24 Zohary, D. Comments on the origin of cultivated broad bean,
1977 Vicia faba L. Israel J. Bot., 26: 39-40.

Other relevant references :

J58,J147,Q41,Q88

VIGNA

VIG1 Ahmed, S.T., Magoon, M.L. & Mehra, K.L. Screening of world
1972 collection of cowpea for field resistance to leaf spot and virus. SABRAO Newsl., 4: 103-106.

VIG2 Arora, R.K., Chandel, K.P.S., Joshi, B.S. & Pant, K.C. Rice
1980 bean: tribal pulse of eastern India. Econ. Bot., 34: 260-263.

VIG3 Bose, R.D. Studies in Indian pulses: 4. Mung or green gram
1932 (Phaseolus radiatus L.). Indian J. Ag. Sci., 2: 607-624.

VIG4 Bose, R.D. Studies in Indian pulses: 5. Urd or black gram
1932 (Phaseolus mungo Linn. var. roxburghii Prain). Indian J. Ag. Sci., 2: 625-637.

VIG5 Brittingham, W.H. A key to the horticultural groups or
1946 varieties of the southern pea, Vigna sinensis. Proc. Am. Soc. Hortic. Sci., 48: 478-480.

VIG6 Carasco, J.F., Derbyshire, E. & Boulter, D. Seed protein
1977 profiles of African representatives of Vigna spp. Taxon, 26: 513-516.

VIG7 Chandel, K.P.S. Wild vigna species in the Himalayas. Plant
1981 Genet. Resour. Newsl., 45: 17-19.

VIG8 Chrispeels, M.J. & Baumgartner, B. Serological evidence
1978 confirming the assignment of Phaseolus aureus and P. mungo to the genus Vigna. Phytochemistry, 17: 125-126.

VIG9 Corley, W.L. Some preliminary evaluations of Vigna plant
1966 introductions. Georgia Agric. Exp. Stn., Bull. N.S. 165.

VIG10 Dana, S. The cross between P. aureus Roxb. and P. mungo L.
1966 Genetica, 37: 259-274.

VIG11 Danimihardja, S. & Lester, R.N. Comparative studies of some
1974 Asiatic species of Phaseolus using electrophoretic analysis of seed proteins. Ann. Bogor., 5: 159-171.

VIG12 De, D.N. & Krishnan, R. Cytological studies of the hybrid
1967 P. aureus x P. mungo. Genetica, 37: 588-600.

VIG13 Ebong, U.U. A classification of cowpea varieties (Vigna
1970 sinensis Endl.) in Nigeria into subspecies and groups. Nigerian Agric. J., 7: 5-18.

VIG14 Evans, A.M. Species hybridization in the genus Vigna. In
1975 Luse, R.A. & Rachie, K.O., eds. Proc. of IITA collaborators meeting on grain legume improvement. Ibadan, IITA, p.31-34.

VIG15 Faris, D.G. The origin and evolution of the cultivated
1965 forms of Vigna sinensis. Can. J. Genet. Cytol., 7: 433-452.

VIG16 IBPGR Genetic resources of Vigna species. Rome, IBPGR.
1982 18pp.

VIG17 Jain, H.K. & Mehra, K.L. Evolution, adaptation,
1980 relationships, and uses of the species of Vigna cultivated in India. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Kew, Royal Botanic Gardens, p.459-468.

VIG18 Jain, N.C. & Babu, C.R. Seed coat polymorphism in Vigna
1982 calcarata and its evolutionary significance. Seed Sci. Technol., 451-456.

VIG19 Kennedy, P.B. & Madson, B.A. The mat bean, Phaseolus
1925 aconitifolius. Bull. Calif. Agric. Exp. Sta., 396pp.

VIG20 Klozova, E. Interrelations among several Asiatic species of
1965 the genus Phaseolus studied by immunochemical methods. Proc. Symp. Mutational Process. Prague, Academia, p.485-487.

VIG21 Kohli, K.S. et al. Variability of quantitative characters
1971 in a world collection of cowpea: inter-regional comparison. Genet. Agrar., 25: 231-242.

VIG22 Lukoki, L., Marechal, R. & Otoul, E. Les ancetres sauvages
1980 des haricots cultives: Vigna radiata (L.) Wilczek et V. mungo (L.) Hepper. Bull. Jard. Bot. Natl. Belg., 50: 385-391.

VIG23 Lush, W.M. & Evans, L.T. The domestication and improvement
1981 of cowpeas (Vigna unguiculata (L.) Walp.). Euphytica, 30: 579-587.

VIG24 Lush, W.M., Evans, L.T. & Wien, G.C. Environmental
1980 adaptation of wild and domesticated cowpeas (Vigna unguiculata (L.) Walp.). Field Crops Res., 3: 173-187.

VIG25 Piper, C.V. & Morse, W.J. Five oriental species of beans.
1916 U.S. Dep. Agric. Bull. 119: 1-32.

VIG26 Porter, W.M. Documentation and maintenance of the germplasm
1973 collection of Vigna unguiculata. In Proc. 1st IITA grain legume improvement workshop. Ibadan, IITA. 17pp.

VIG27 Rawal, K.M. Natural hybridization among wild, weedy and
1975 cultivated Vigna unguiculata (L.) Walp. Euphytica, 24: 699-707.

VIG28 Sene, D. Inventaire des principales varietes de niebes
1966 (Vigna unguiculata Walpers) cultivees au Senegal. Agron. Trop., 8: 927-933.

VIG29 Singh, C.B., Mehra, K.L. & Kohli, K.S. Evaluation of a
1971 world collection of cowpea, Vigna sinensis (L.) Savi. Pod characters. SABRAO Newsl., 3: 11-16.

VIG30 Singh, L. et al. Estimation of genetic and environmental
1974 variability in Bengal gram. SABRAO J., 6: 207-211.

VIG31 Singh, R.B. Current status of genetic resources activities
1980 of mungbean in South and Southeast Asia. IBPGR Southeast Asian Newsl., 4, no.3: 5-6.

VIG32 Singh, U. & Singh, P. Colchicine induced amphiploid between
1975 mung (Phaseolus aureus Roxb.) and urd (P. mungo L.). Curr. Sci., 44: 394-395.

VIG33 Smartt, J. Gene pools in Phaseolus and Vigna cultigens.
1981 Euphytica, 30: 445-449.

VIG34 Steele, W.M. Cowpeas. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.183-185.

VIG35 Steele, W.M. & Mehra, K.L. Structure, evolution, and
1980 adaptation to farming systems and environments in Vigna. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Kew, Royal Botanic Gardens, p.393-404.

Other relevant references :

D112,L42,L43,N37,Q41,S38,TRL4

VOANDZEIA

VOA1 Doku, E.V. & Karikari, S.K. Bambarra groundnut. Econ.
1971 Bot., 25: 255-262.

VOA2 Hepper, F.N. Plants of the 1957-58 West African expedition,
1963 2. The bambara groundnut (Voandzeia subterranea) and Kersting's groundnut (Kerstingiella geocarpa) wild in West Africa. Kew Bull., 16: 395-407.

OTHER GRAIN LEGUMES

OLG1 Ladizinsky, G. & Porath, N. On the origin of fenugreek
1975 (Trigonella foenum-graecum L.). Legume Res., 1: 38-42.

OLG2 Pound, F.J. History and cultivation of the Tonka bean
1938 (Dipteryx odorata) with analyses of Trinidad, Venezuelan and Brazilian samples. Trop. Agric., 15: 4-9, 28-32.

OLG3 Yap, T.C. & Wong, K.C. Collection and utilization of
1982 genetic resources of long bean and winged bean at Universiti Pertanian, Malaysia. In Singh, R.B. & Chamchalow, N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.131-140.

Other relevant references :

B118,Q41

5 SUGAR PLANTS

SUGAR - GENERAL

SUG1 Deer, N. History of Sugar. London, Chapman & Hall, 2 vols. 1948, 1950

BETA

BET1 Abegg, F.A. A genetic factor for the annual habit in beets
1936 and linkage relationship. J. Ag. Res., 53: 493-511.

BET2 Ando, S. & Takahashi, M. Beta caryotypes. Study on
1969 polyploid varieties of sugar beet 13. Mem. Fac. Agric. Hokkaido Univ., 7: 51-62.

BET3 Banga, O. {Studies of red garden beets. 7. Classification of
1950 varieties after root-index, level of foliage, capacity and rate of growth.} Meded. Inst. Vered. Tuinbgewass, 19: 31-65. (In Dutch)

BET4 Barocka, K.H. Die einzelfruchugen Arten der Gattung Beta L.
1959 im Hinblick auf ihre mogliche Verwendung fur Einkreuzung in Beta vulgaris L. subsp. vulgaris (Zucker und Futteruben). Zuchter, 29: 193-203.

BET5 Barocka, K.H. Die Sektion Corollinae der Gattung Beta
1966 (Tournef.) L. Z. Pflanzenzucht, 56: 379-388.

BET6 Basu, R.K. & Mukherjee, K.K. Investigations on a new Beta
1975 (Chenopodiaceae). Can. J. Bot., 53: 1166-1175.

BET7 Bennett, C.W. Influence of different combinations of tops
1957 and roots of susceptible and resistant varieties of sugar beet on curly top symptoms and virus concentration. J. Am. Soc. Sugar Beet Technol., 9: 553-565.

BET8 Berg, K.H. Uber Polyploidie in der Gattung Beta und bei den
1935 Kulturpflanzen uberhaupt. Zuchter, 7: 16-19.

BET9 Bosemark, N.O. Genetic poverty of the sugarbeet in Europe.
1979 In Zeven, A.C. & Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.29-35.

BET10 Burenin, V.I., Gavrilyuk, I.P., Zaitseva, L.N. &
1981 Khmelinskaya, T.V. {On the phylogenetic relations between the species of the genus Beta L.} Byull. Vses. Inst. Rastenievod., 109: 61-64. (In Russian English summary)

BET11 Campbell, G.K.G. Sugar beet. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.25-28.

BET12 Coe, G.E. A grafting technique enabling an unthrifty
1954 interspecific hybrid to survive. Proc. Am. Soc. Sugar Beet Technol., 8: 157-160.

BET13 Coons, G.H. The wild species of Beta. Proc. Am. Soc. Sugar
1954 Beet Technol., 8: 142-147.

BET14 Culbertson, J.O. Inheritance of factors influencing sucrose
1942 percentage in Beta vulgaris. J. Agric. Res., 64: 153-172.

BET15 Curtis, G.J. Observations of fruit shape and other
1968 characters in the species of the section Patellares, genus Beta. Euphytica, 17: 485-491.

BET16 Evans, A. & Weir, J. The evolution of weed beet in sugar
1981 beet crops. Kulturpflanze, 29: 301-310.

BET17 Ford-Lloyd, B.V. & Williams, J.T. A revision of the genus
1975 Beta sect. Vulgares and new light on the origin of cultivated beet. J. Linn. Soc. Bot., 71: 89-102.

BET18 Gaskill, J.O. Viable hybrids from matings of chard with
1954 B. procumbens and B. webbiana. Proc. Am. Soc. Sugar Beet Technol., 8: 148-152.

BET19 Giles, W.F. Leaf beets and spinach. J. R. Hortic. Soc.,
1943 68: 255-259.

BET20 Holland, H. Classification and performance of varieties of
1957 red beet. Nat. Veg. Res. Sta., Wellesbourne, U.K. 7th Ann. Rep. 1956, 16-42.

BET21 Jassem, B. & Jassem, M. The embryology of triploid F1
1969 hybrids between the sugarbeet and wild Beta species from the Patellares section. Acta Agrobot., 22: 241-243.

BET22 Jassem, M. & Jassem, B. Apomixis in some Beta species.
1971 Genetica Polonica, 12: 217.

BET23 Johnson, R.T. A grafting method to increase survival of
1956 seedlings of interspecific hybrids within the genus Beta. J. Am. Soc. Sugar Beet Technol., 9: 25-31.

BET24 Jong, H. de. Investigation into chromosome morphology of
1981 sugar beet and related wild species. Kulturpflanze, 29: 353-360.

BET25 Keller, W. Inheritance of some major color types in beets.
1936 J. Ag. Res. 52: 27-38.

BET26 Krasochkin, V.F. {Varietal diversity of beet.} Trudy
1968 Prikl. Bot. Genet. Selek., 39: 232-240. (In Russian)

BET27 Krassochkin, V.T. & Ouzunov, V.N. {Beet in countries of
1931 their ancient cultivation.} Trudy Prikl. Bot. Genet. Selek., 26: 76-193. (In Russian)

BET28 Kuzmina, N.E. {On the chromosomes of Beta vulgaris L.}
1927 Trudy Prikl. Bot. Genet. Selek., 17: 241-252. (In Russian)

BET29 Levan, A. The effect of chromosomal variation in sugar
1942 beets. Hereditas, 28: 345-399.

BET30 Magruder, R. et al. Descriptions of types of principal
1940 American varieties of red garden beets. U.S. Dep. Agric. Misc. Publ., 374: 1-59.

BET31 Oldemeyer, R.K. Viable interspecific hybrids between wild
1954 species in the section Vulgares and species in the section Patellares in the genus Beta. Proc. Am. Soc. Sugar Beet Technol., 8: 153-156.

BET32 Oldemeyer, R.K. & Brewbaker, H.E. Interspecific hybrids in
1956 the genus Beta. J. Am. Soc. Sugar Beet Technol., 9:15-18.

BET33 Owen, F.V. Inheritance of cross and self-sterility and
1942 self-fertility in Beta vulgaris. J. Ag. Res., 64: 679-698.

BET34 Pack, D.A. & Owen, F.V. Viability of sugar beet seed held
1950 in cold storage for 22 years. Proc. Amer. Soc. Sugar Beet Technol. (1950), 127-129.

BET35 Prywer, C. {Cytological studies in the sugar beet.} Acta.
1931 Soc. Bot. Polon. 8: 19-46. (In Polish)

BET36 Ritchie, T.F. Standard descriptions of vegetables: beets
1927 and carrots. Canad. Dep. Agric. Bull.(N.S.), 82: 1-36.

BET37 Rubashevskaja, M.K. {On some forms of the wild beet.}
1931 Trudy Prikl. Bot. Genet. Selek., 26: 59-75. (In Russian)

BET38 Savitsky, H. & Gaskill, J.O. A cytological study of F1
1957 hybrids between swiss chard and Beta webbiana. J. Am. Soc. Sugar Beet Technol., 9: 433-449.

BET39 Savitsky, V. {Hybrids of beet with mangolds and the problem
1938 of synthesis of the sugar beet.} Dokl. Akad. Nauk SSSR., 3: 643-662. (In Russian)

BET40 Savitsky, V.F. A genetic study of monogerm and multigerm
1952 characters in beets. Proc. Am. Soc. Sugar Beet Technol., 7: 331-338.

BET41 Scheibe, A. Uber die Wildzuckerruben Anatoliens Beta
1934 lomatogona F. et M., B. intermedia Bge. und Beta trigyna W. et K. Angew. Bot.,16: 305-349.

BET42 Stewart, D. Sugar beet x Beta procumbens, the F1 and
1950 backcross generations. Proc. Am. Soc. Sugar Beet Technol., 4: 176-179.

BET43 Stewart, D., Lavis, C.A. & Coons, G.H. Hybrid vigor in
1940 sugar beets. J. Ag. Res., 60: 715-738.

BET44 Stewart, G. Some effects of inbreeding in sugar beets. J.
1933 Am. Soc. Agron., 25: 237-258.

BET45 Thompson, R.C. Influence of various factors on the shape of
1939 beet roots. J. Ag. Res., 58: 733-745.

BET46 Tjebbes, K. The wild beets of the North Sea region. Bot.
1933 Notiser, 2: 314-315.

BET47 Transzchel, V.A. {The species of the genus Beta.} Trudy
1927 Prikl. Bot. Genet. Selek., 17: 203-224. (In Russian)

BET48 Watson, D.J. & Witts, K.J. The net assimilation rates of
1959 wild and cultivated beets. Ann. Bot., 23: 431-439.

BET49 Williams, J.T. & Ford-Lloyd, B.V. Beet in Turkey. Plant
1975 Genet. Resour. Newsl., 31: 3-6.

BET50 Zossimovitch, V.P. {Wild beet, its value in the breeding
1934 and genetics of sugar beet.} Semenovodstvo, 1: 19-22. (In Russian)

BET51 Zossimovitch, V.P. {Interspecific hybridization in Beta L.
1938 I. Experimental synthesis and origin of Beta trigyna W. et K. (2n=54).} C.R. Akad. Sci. URSS. 20: 709-713. (In Russian).

BET52 Zossimovitch, V.P. {Wild species and origin of cultivated
1940 beets.} All-Union Inst. Sugar Beet Res. (UNIS) NKPP, USSR. Sveklovodstro, 1: 17-44. (In Russian)

Other relevant references :

J46,J64,J65,J193,K27,N32,N90,Q41,Q109

SACCHARUM

SAC1 Artschwager, E. & Brandes, E.W. Sugar cane (Saccharum
1958 officinarum L.): origin, classification, characteristics and descriptions of representative clones. U.S. Dep. Agric.,Agric. Handb., no.112. 307pp.

SAC2 Barber, C.A. The origin of sugarcane. Int. Sug. J., 22:
1920 249-251.

SAC3 Barnes, A.C. The sugar cane. 2nd ed. London, Leonard Hill.
1974 572pp.

SAC4 Berding, N. & Koike, H. Germplasm conservation of the
1980 Saccharum complex: a collection from the Indonesian archipelago. Hawaiian Plant. Rec., 59: 87-176.

SAC5 Brandes, E.W. & Sartons, G.B. Sugar Cane: its origin and
1936 improvement. U.S. Dep. Agric. Yearb., p.561-611.

SAC6 Brandes, E.W., Sartoris, G.B. & Grassl, C.O. Assembling and
1938 evaluating wild forms of sugarcane and closely related plants. Proc. Int. Soc. Sug. Cane Techol., 6: 128-153.

SAC7 Bremer, G. A cytological investigation of some species and
1923 species hybrids of the genus Saccharum. Part 2. Genetica, 5: 273-326.

SAC8 Bremer, G. The origin of the North Indian sugarcanes.
1966 Genetica, 37: 345-363.

SAC9 Bull, T.A. & Glasziou, K T. The evolutionary significance
1963 of sugar accumulation in Saccharum. Aust. J. Biol. Sci., 16: 737-742.

SAC10 Celarier, R.P. Cytotaxonomy of the Andropogoneae. I. Sub-
1956 tribes Dimmerliinae and Saccharinae. Cytologica, Tokyo, 21: 272.

SAC11 Daniels, J. Origin of S. officinarum and S. robustum. Int.
1973 Soc. Sug. Cane Technol. Breeders' Newsl., 32: 4-13.

SAC12 Daniels, J., Smith, P. & Paton, N. Prehistory and the
1974 origin of sugarcane. Int. Soc. Sug. Cane Technol. Breeders' Newsl., 34: 21-26.

SAC13 Daniels, J., Smith, P. & Paton, N. The origin of sugarcanes
1975 and centres of diversity in Saccharum. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.91-107.

SAC14 Deer, N. History of sugar. London, Chapman and Hall, 2
1948-50 vols.

SAC15 Grassl, C.O. Saccharum robustum and other wild relatives of
1946 "noble" sugar canes. J. Arnold Abor., 27: 234-252.

SAC16 Grassl, C.O. The morphology of the grass spikelet with
1956 special reference to Saccharum. Proc. Int. Soc. Sug. Cane Technol., 9th Congr., India, p.1-16.

SAC17 Grassl, C.O. Problems and potentialities of intergeneric
1962 hybridisation in a sugar cane breeding programme. Proc. Int. Soc. Sug. Cane Technol., 11th Congr., Mauritius, p.447-456.

SAC18 Grassl, C.O. Problems relating to the origin and evolution
1964 of wild and cultivated Saccharum. Indian J. Sugar Cane Res. Dev., 8: 106-116.

SAC19 Grassl, C.O. Introgression between Saccharum and Miscanthus
1965 in New Guinea and the Pacific area. Proc. Int. Soc. Sug. Cane Technol., 12th Congr., Puerto Rico, p.995-1003.

SAC20 Grassl, C.O. Saccharum names and their interpretation.
1968 Proc. Int. Soc. Sug. Cane Technol., 13th Congr., Taiwan, p.868-875.

SAC21 Grassl, C.O. The origin of sugarcane. Int. Soc. Sug. Cane
1974 Technol. Newsl., 34: 10-18.

SAC22 Heinz, D.J. & Mee, G.W.P. Morphologic, cytogenetic and
1971 enzymatic variation in Saccharum species hybrid clones derived from callus tissue. Am. J. Bot., 58: 257-262.

SAC23 Heinz, D.J., Mee, G.W.P. & Nickell, L.G. Chromosome number
1969 of some Saccharum species hybrids and their cell suspension cultures. Am. J. Bot., 56: 450-456.

SAC24 IBPGR Genetic resources of sugarcane. Rome, IBPGR. 19pp.
1982

SAC25 Jagathesan, D. & Ratnambal, M.J. Karyotype analysis in
1967 Saccharum officinarum. Nucleus, Calcutta, 10: 156-167.

SAC26 Jagathesan, D., Venkataraman, M.R. & Shah, S.S.
1967 Introgression in Saccharum. Curr. Sci., 8: 217-218.

SAC27 Krishnamurthi, M. Conservation of sugar-cane germplasm. In
1977 3rd Int. Congr. SABRAO Plant Breeding papers: 1.1. Genetic resources, Canberra, Australia, p.6-9.

SAC28 Krishnamurthi, M. Collection and utilisation of germplasm
1981 with specific reference to sugarcane: Saccharum complex. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.80-88.

SAC29 Li, H.W. et al. Cytological studies of sugarcane and its
1959 relatives. 15. Basic chromosome number of Saccahrum officinarum L. Cytologia, 24: 220-236.

SAC30 Martin, J.P. The commercial sugar cane varieties of the
1965 world and their resistance and susceptibility to the major diseases. Proc. Int. Soc. Sug. Cane Technol., 12th Congr., p.1212-1225.

SAC31 Moriya, A. Contribution to the cytology of the genus
1954 Saccharum IV. Studies of chromosomes in wild Saccharum species in Formosa. Cytologia, 15: 237-254.

SAC32 Mukherjee, S.K. Origin and distribution of Saccharum. Bot.
1957 Gaz., 119: 55-61.

SAC33 Murthi, M.K. Conservation of sugar cane germplasm. In Proc.
1975 5th Joint Conv. Indian Tech. Assocs., p.87-90.

SAC34 Nair, M.K. Cytogenetics of Saccharum officinarum L. and
1975 S. spontaneum. 4. Chromosome number and meiosis in S. officinarum x S. spontaneum hybrids. Caryologia, 28: 1-14.

SAC35 Panje, R.R. & Babu, C.N. Studies in Saccharum spontaneum
1960 distribution and geographical association of chromosome numbers. Cytologia, 25: 152-172.

SAC36 Parthasarathy, N. The probable origin of north Indian
1946 sugarcane. J. Indian Bot. Soc., 1946: 133-150.

SAC37 Parthasarathy, N. Origin of noble sugar-cane (Saccharum
1948 officinarum L.). Nature, Lond., 161: 608.

SAC38 Pathasarathy, N. Some cytogenetical aspects of the origin
1951 of sugarcane. Indian J. Genet. Plant Breed., 11: 63-66.

SAC39 Price, S. Cytological studies in Saccharum and allied
1956 genera. 3. Chromosome numbers in interspecific hybrids. Bot. Gaz. 118: 146-159.

SAC40 Price, S. Cytological studies in Saccharum and allied
1957 genera 2. Geographical distribution and chromosome numbers in S. robustum. Cytologia, 22: 40-52.

SAC41 Price, S. Cytogenetics of modern sugar canes. Econ. Bot.,
1963 17: 97-106.

SAC42 Price, S. Cytology of Saccharum robustum and related
1965 sympatric species and natural hybrids. U.S. Dep. Agric. Tech. Bull. no.1337. 47pp.

SAC43 Price, S. Cytology of Chinese and north Indian sugarcanes.
1968 Econ. Bot., 22: 155-164.

SAC44 Price, S. Cytology of South Pacific sugarcane and related
1968 grasses with special reference to Fiji. J. Hered., 59: 141-145.

SAC45 Price, S. Chromosome transmission by Saccharum robustum in
1968 interspecific crosses. J. Hered., 59: 245-247.

SAC46 Raghavan, T.S. & Govindaswamy, S. The phylogeny of
1956 Saccharum and related genera. Proc. Int. Soc. Sug. Cane Technol., 9th Congr., India: 695-709.

SAC47 Simmonds, N.W. Sugarcanes. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.104-108.

SAC48 Singh, T.S.N. Chromosome numbers in the genus Saccharum and
1934 its hybrids. Indian J. Agric. Sci., 4: 290.

SAC49 Sreenivasan, T.V. Cytogenetical studies in Saccharum
1975 spontaneum. Proc. Indian Acad. Sci. Sect. B, 81: 131.

SAC50 Sreenivasan, T.V. & Jagathesan, D. Meiotic abnormalities in
1975 Saccharum spontaneum. Euphytica, 24: 543-549.

SAC51 Warner, J.N. & Grass, C.O. The 1957 sugarcane expedition
1958 to Melanesia. Hawaiian Plant. Rec., 55: 209-236.

SAC52 Williams, C.A., Harborne, J.B., & Smith, P. The taxonomic
1974 significance of leaf flavonoids in Saccharum and related genera. Phytochemistry, 13: 1141-1149.

Other relevant references :

J107,J117,J118,J185,J201,L154,M12,M27,M28,M57,Q41,Q99,R24,S20,ECO3

6 OIL PLANTS

OIL PLANTS - GENERAL

OIL1 Beard, B.H. Germplasm resources of oilseed crops - 1977 sunflower, soybeans and flax. Calif. Agric., 31: 16-17.

OIL2 Hunziker, J.H. Genetic resources of oil seed crops. Rome, 1975 FAO. 34pp.

OIL3 Ventslavovich, F.S. et al. {Plant resources of oil crops.} 1969 Trudy Prikl. Bot. Genet. Selek., 41: 173-185. (In Russian)

OIL4 Weiss, E.A. Castor, sesame and safflower. London, Leonard 1971 Hill, 901pp.

Other relevant references :

A268,E80,N82,N91,PAL1

ALEURITES

ALE1 Wit, F. Tung. In Simmonds, N.W., ed. Evolution of crop 1976 plants. London, Longman, p.74-77.

ARACHIS

ARA1 Banks, D.J. Peanuts: germplasm resources. Crop Sci., 16:
1976 499-502.

ARA2 Bolhuis, G.G. (Natural hybridisation in peanuts [Arachis
1951 hypogea].) Landbouwk. Tijdschr., 63: 447-455.
(In Dutch)

ARA3 Bouffil, F. & Sauger, L. Premiere classification des
1949 varieties d'arachides de la collection de Bambey.
Agron. Trop., Nogent, 4: 493-502.

ARA4 Bunting, A.H. A classification of cultivated groundnuts.
1955 Emp. J. Exp. Agr., 23: 158-170.

ARA5 Bunting, A.H. A further note on the classification of
1958 cultivated groundnuts. Emp. J. Exp. Agr., 26: 254-
258.

ARA6 Chevalier, A. Monographie de l'arachide. Paris. Rev. Bot.
1934-35 Appl. Agric. Trop., 13: 689-789, 14: 565-632, 709-
755, 834-864, 16: 673-871.

ARA7 Gibbons, R.W., Bunting, A.H. & Smartt, J. The
1972 classification of varieties of groundnut (Arachis
hypogaea L.). Euphytica, 21: 78-85.

ARA8 Gillier, R. Caracteristiques des differents types
1963 d'arachides cultivees et moyens de les reconnaitre.
Oleagineux, 18: 763-766.

ARA9 Gillier, R. & Silvestre, P. L'arachide. Paris, Maisonneuve
1969 Larose. 287pp.

ARA10 Gregory, M.P., Gregory, W.C. & Smartt, J. The interspecific
1965 hybridization problem in Arachis. Am. J. Bot., 52:
625. (Abstract)

ARA11 Gregory, W.C. Peanut breeding resources. Proc. 2nd Natn.
1962 Peanut Res. Conf., N.C. State College, Raleigh,
N.C., August 13-15.

ARA12 Gregory, W.C. Groundnuts: filling the gaps. Plant Genet.
1978 Resour. Newsl., 33: 17-19.

ARA13 Gregory, W.C. & Gregory, M.P. Groundnut. In Simmonds,
1976 N.W., ed. Evolution of crop plants. London,
Longman, p.151-154.

ARA14 Gregory, W.C. et al. Structure and genetic resources of
1973 peanuts. In Peanuts - culture and uses. Oklahoma, American Peanut Research and Education Association, p.47-134.

ARA15 Gregory, W.C., Krapovickas, A. & Gregory, M.P. Structure,
1980 variation, evolution and classification in Arachis. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Kew, Royal Botanic Gardens, p.469-481.

ARA16 Hammons, R.O. Early history and origin of the peanut. In
1973 Peanuts - culture and uses. Oklahoma, American Peanut Research and Education Association, p.17-46.

ARA17 Hammons, R.O. Genetic vulnerability in peanuts: a second
1974 look. In Proc. Am. Peanut Research Educ. Assoc., 6: 17-20.

ARA18 Hammons, R.O. Peanuts: genetic vulnerability and breeding
1976 strategy. Crop Sci., 16: 527-530.

ARA19 Hermann, F.J. A synopsis of the genus Arachis. U.S. Dep.
1954 Agric. Agriculture Monograph, 19. 25pp.

ARA20 Higgins, B.B. Origin and early history of the peanut. In
1951 The peanut, the unpredictable legume, a symposium. Washington. The Natn. Fert. Ass., p.18-28.

ARA21 Husted, L. Cytological studies on the peanut Arachis. 1.
1933 Cytologia, 5: 109-117.

ARA22 Husted, L. Cytological studies on the peanut Arachis. 2.
1936 Cytologia, 7: 396-423.

ARA23 Johansen, E.L. & Smith, B.W. Arachis hypogaea x A. diogoi.
1956 Embryo and seed failure. Am. J. Bot., 43: 250-258.

ARA24 John, C.M., Venkatanarayana, G. & Seshadri, C.R. Varieties
1955 and forms of groundnut. Indian J. Agric. Sci., 24: 159-193.

ARA25 Krapovickas, A. Estudios citologicos en el genero Arachis.
1952 Rev. Invest. Agric., 5: 289-294.

ARA26 Krapovickas, A. Nuevas especies de Arachis vinculadas al
1957 problema del origin del mani. Darwiniana, 11: 431-455.

ARA27 Krapovickas, A. La nomenclature de las subespecies y
1960 variedades de Arachis hypogaea L. Rev. Invest. Agric., 14: 197-228.

ARA28 Krapovickas, A. The origin, variability and spread of the
1969 groundnut (Arachis hypogaea). In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.427-441.

ARA29 Krapovickas, A. Evolution of the genus Arachis. In Moav,
1973 R., ed. Agricultural genetics selected topics. National Council for Research and Development.

ARA30 Krapovickas, A. Estudio y conservacion del germoplasma en
1975 el genero Arachis. Misc. Facult. Agron. Zoo. Univ. Nac. Tucuman, 54: 9-12.

ARA31 Krapovickas, A. & Rigoni, V.A. Estudios citologicos en el
1951 genero Arachis. Rev. Invest. Agric., Buenos Aires 5: 289-294.

ARA32 Leuck, D.B. & Hammons, R.O. Resistance of wild peanut
1968 plants to the mite Tetranychus tumidellus. J. Econ. Entomol., 61: 687-688.

ARA33 Raman, V.S. Studies in the genus Arachis. Indian Oilseeds
1958 J., 2: 20-23.

ARA34 Raman, V.S. Studies in the genus Arachis. Indian Oilseeds
1959 J., 3: 46-48, 157-161, 226-228.

ARA35 Raman, V.S. Studies in the genus Arachis. Indian Oilseeds
1960 J., 4: 90-92.

ARA36 Raman, V.S. Genome relationships in Arachis. Oleagineux,
1973 28: 137-140.

ARA37 Raman, V.S. & Kesavan, P.C. Studies on a diploid
1962 interspecific hybrid in Arachis. Nucleus, Calcutta, 5: 123-126.

ARA38 Rao, V.R. Groundnut genetic resources at ICRISAT. In Proc.
1980 Int. workshop on groundnuts. ICRISAT Patancheru, India. October 1980, ICRISAT, p.47-57.

ARA39 Resslar, P.M. A review of the nomenclature of the genus
1980 Arachis L. Euphytica, 29: 813-817.

ARA40 Seshadri, C.R. Groundnut. Hyderabad. Indian Oilseeds
1962 Committee, 274pp.

ARA41 Smartt, J. & Gregory, W.C. Interspecific cross-
1967 compatibility between the cultivated peanut Arachis hypogaea L. and other members of the genus Arachis. Oleagineux, 22: 455-459.

ARA42 Smartt, J., Gregory, W.C. & Gregory, M.P. The genomes of
1978 Arachis hypogaea. 1. Cytogenetic studies of putative genome donors. Euphytica, 27: 665-675.

ARA43 Tetenyi, P. Les taxons intraspecifiques de l'arachide
1960 (Arachis hypogea L.). Oleagineux, 15: 471-474.

ARA44 Varnell, R.J. & McCloud, D.E., eds. Germplasm preservation
1975 and genotype evaluation in Arachis (peanuts). Report of a workshop, Gainesville, Florida. International peanut program.

Other relevant references :

J173,J174,J175,L119,L142,M6,N54,N96,Q41,Q96,Q102,Q125,LEG22,FOR25

CARTHAMUS

CRT1 Ashri, A. Evaluation of the world collection of safflower,
1971 Carthamus tinctorius L. 1. Reaction to several diseases and associations with morphological characters in Israel. Crop Sci., 11: 253-257.

CRT2 Ashri, A. Safflower germplasm evaluation. Plant Genet.
1971 Resour. Newsl., 31: 29-37.

CRT3 Ashri, A. Divergence and evolution in the safflower genus.
1973 Carthamnus L. Final research report. P.L. 480., U.S. Dep. Agric. 180pp.

CRT4 Ashri, A. & Knowles, P.F. Cytogenetics of safflower
1960 (Carthamus) species and their hybrids. Agron. J., 52: 11-17.

CRT5 Beech, D.F. Safflower. Field Crop Abstr., 22: 107-119.
1969

CRT6 Claassen, C.E. Safflower. Econ. Bot., 3: 143-149.
1949

CRT7 Hanelt, P. Zur kentniss von Carthamus tinctorius L.
1961 Kulturpflanze, 9: 114-145.

CRT8 Imrie, B.C. & Knowles, P.F. Inheritance studies on
1970 interspecific hybrids between Carthamus flavescens and C. tinctorius. Crop Sci., 10: 349-352.

CRT9 Khidir, M.C. & Knowles, P.F. Cytogenetic studies of
1970 Carthamus species (Compositae) with 32 pairs of chromosomes. II. Intersectional hybridization. Can. J. Genet. Cytol., 12: 90-99.

CRT10 Knowles, P.F. Safflower- production, processing and
1955 utilization. Econ. Bot., 9: 273-299.

CRT11 Knowles, P.F. Safflower. Adv. Agron., 10: 289-323.
1958

CRT12 Knowles, P.F. Plant exploration report for safflower and
1959 miscellaneous oilseeds. U.S. Dep. Agric. Mimeo, Cr. 43-59, 42pp.

CRT13 Knowles, P.F. Centers of plant diversity and conservation
1969 of crop germplasm: safflower. Econ. Bot., 23: 324-329.

CRT14 Knowles, P.F. Safflower introductions. Plant Genet.
1971 Resour. Newsl., 25: 19-21.

CRT15 Knowles, P.F. Safflower species centers of diversity and
1972 introductions. Nev. Agric. Exp. Stn. T., 14: 2.

CRT16 Knowles, P.F. Safflower. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.31-33.

CRT17 Knowles, P.F. Safflower germplasm: domesticated and wild.
1977 Calif. Agric., 31: 12-13.

CRT18 Kupzow, A.J. {The geographical variability of the species
1932 Carthamus tinctorius L.}. Trudy Prikl. Bot. Genet. Selek., 9th Ser. 1932, 99-181. (In Russian)

Other relevant references :

N2,Q41

HELIANTHUS

HEL1 Anashchenko, A.V. {The systematics of the genus Helianthus
1974 L.} Bot. Zh., 59: 1472-1481. (In Russian)

HEL2 Beard, B.H. The sunflower crop. Scient. Am., 244: 124-131.
1981

HEL3 Bogatova, M.G. {Plant resources in the sunflower and their
1958 importance for use as fodder.} Trudy Prikl. Bot. Genet. Selek., 31: 254-262. (In Russian)

HEL4 El Baradi, T.A. Sunflower. Trop. Abstr., 28: 309-316.
1973

HEL5 Gaines, M.S. et al. Reproductive strategies and growth
1974 patterns in sunflowers. (Helianthus). Am. Nat., 108: 889-894.

HEL6 Garrett, C.J. The sunflower saga. Philippine Geogr. J., 22:
1978 94-105.

HEL7 Heiser, C.B. Jr. The sunflower among the North American
1951 Indians. Proc. Am. Philos. Soc., 95: 432-448.

HEL8 Heiser, C.B. Jr. The origin and development of the
1955 cultivated sunflower. Am. Biol. Teach., 17: 161-167.

HEL9 Heiser, C.B. Sunflowers, weeds and cultivated plants. In
1965 Baker, H.G. & Stebbins, G.L., eds. The genetics of colonizing species. New York, London Academic Press, p.391-401.

HEL10 Heiser, C.B.Jr. Sunflowers. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.36-38.

HEL11 Heiser, C.B. The sunflower. Oklahoma, Oklahoma University Press,
1976 198pp.

HEL12 Heiser, C.B. et al. The North American sunflowers
1969 (Helianthus). Mem. Torrey Bot. Club 22: 1-218.

HEL13 Hurt, E.F. Sunflower. London, Faber & Faber.
1948

HEL14 Jensma, J.R. Sunflower - alive and well in the tropics.
1973 World Farming, 15: 8-10.

HEL15 Krasnokutskaya, O.N., Ilatovskii, V.P., Slyusar, E.L. &
1977 Shkuropat, Z.Ya. {Wild species of the genus Helianthus a gene pool of immunity to dangerous diseases and pests.} Mikol. Fitopatol., 11: 149-155. (In Russian)

HEL16 Schilling, E.E. & Heiser, C.B. Infrageneric classification
1981 of Helianthus (Compositae). Taxon, 30: 393-403.

HEL17 Thompson, T.E., Zimmerman, D.C. & Rogers, C.E. Wild
1981 Helianthus as a genetic resource. Field Crops Research, 4: 333-343.

HEL18 Yarnell, R.A. Domestication of sunflower and sumpweed in
1978 eastern North America. In Ford, R.I., ed. The nature and status of ethnobotany. University of Michigan Museum of Anthropology, Anthropological Papers, No.67, p.289-299.

Other relevant references :

G91,L54,Q41

LINUM

LIN1 Durrant, A. Flax and linseed. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.190-193.

LIN2 Helbaek, H. Notes on the evolution and history of Linum.
1959 Kuml. Arbog Jysk Arkaeol. Selskab, 1959: 103-129.

LIN3 Hjelmqvist, H. The flax weeds and the origin of cultivated
1950 flax. Bot. Notiser, 1950: 257-298.

LIN4 Kulpa, W. & Danert, S. Zur Systematik von Linum
1962 usitatissimum L. Kulturpflanze, Bieh. 3: 341-388.

LIN5 Ockendon, D.J. Biosystematic studies in the Linum perenne
1968 group. New Phytol., 67: 787-813.

LIN6 Sizov, I.A. {Evolution of cultivated flax. In Problems in
1955 Botany II.} Moscow, Academy of Sciences, USSR, p.113-166. (In Russian)

Other relevant references :

D141,L7,N57,P41,Q41,Q72

OLEA

OLE1 Boardman, J. The olive in the Mediterranean: its culture
1976 and use. Phil. Trans. Roy. Soc. Lond.,B., 275: 187-196.

OLE2 Loukas, M. & Krimbas, C.B. History of olive cultivars based
1983 on their genetic distances. J. Hortic. Sci., 58: 121-127.

OLE3 Mazzolani, G. La patria dell'olivo. Alcuni aspetti dello
1942 studio botanico dell'olivo. (O. europaea L.). Ital. Agric., 79: 367-372.

OLE4 Newberry, P.E. On some African species of the genus Olea
1937 and the original home of the cultivated olive-tree. Proc. Linn. Soc., 1937, 3-16.

OLE5 Simmonds, N.W. Olive. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.219-221.

OLE6 Turrill, W.B. Wild and cultivated olives. Kew. Bull.,
1951 6: 437-442.

SESAMUM

SES1 Baluch, M.A., Natali, A.H. & Majidano, B.A. Botanical
1966 collection of sesamum (Sesamum indicum L.). W. Pakistan J. Agric. Res., 4: 58-67.

SES2 Bedigian, D. Origin, diversity, exploration and collection
1981 of sesame. FAO plant production and protection paper, 29: 164-169.

SES3 El Baradi, T.A. Sesame. Trop. Aostr., 27: 153-160.
1972

SES4 Joshi, A.B. Sesamum. Hyderabad, Indian Central Oilseeds
1961 Committee.

SES5 Khidir, M.O. Natural cross-fertilization in sesame under
1972 Sudan conditions. Exper. Agric., 8: 55-59.

SES6 Khidir, M.O. & Ali, M.A. Genetics studies in sesame: 1.
1971 Inheritance of seed coat colour. Acta Agron., Hungary, 20: 79-84.

SES7 Khidir, M.O. & Osman, H.E.G. Correlation studies and some
1970 agronomic characters in sesame. Exper. Agr., 6: 27-31.

SES8 Kumar, K., Bhargava, P.D. & Upadhyaya, S.M. Variability
1967 studies in sesame in Rajasthan. Indian J. Agric. Sci., 37: 293-301.

SES9 Massey, J.H. Preliminary evaluations of sesame plant
1966 introductions. Georgia, Univ. Georgia College Agric. Exper. Stations. Bull. N.S. 181. 29pp.

SES10 Nayar, N.M. Sesame. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.231-233.

SES11 Nayar, N.M. & Mehra, K.L. Sesame. Its uses, botany,
1970 cytogenetics and origin. Econ. Bot., 24: 20-31.

SES12 Ram, K. Studies on Indian oil seeds. The types of Sesamum
1931 indicum DC. Mem. Dep. Agric. India Bot. Ser., 18: 127-147.

SES13 Ramanujam, S. & Joshi, A.B. The use of wild species in
1951 breeding improved varieties of cultivated til (Sesamum orientale L.) and some considerations on the origin and distribution of S. orientale. Indian J. Genet. Plant Breed., 11: 100-104.

SES14 Rhind, D. & Uba Thein. The classification of Burmese
1933 sesamum (Sesamum orientale Linn.). Indian J. Agric. Sci., 3: 478-495.

SES15 Tribe, A.J. Sesame. Field Crop Abstr., 20: 189-194.
1967

Other relevant references :

N41,Q41

OTHER OIL PLANTS

OOL1 Berry, J., Bretting, P.K., Nabhan, G.P. & Weber, C.
1981 Domesticated Proboscidea parviflora: a potential oilseed crop for arid lands. J. Arid Environ., 4: 147-160.

OOL2 Gupta, R., Sethi, K.L., Kazim, M. & Gupta, P.C. Opium poppy
1980 collection in Rajasthan. Plant Genet. Resour. Newsl., 43: 20-24.

OOL3 Hammer, K. Problems of Papaver somniferum - classification
1981 and some remarks on recently collected European poppy land-races. Kulturpflanze, 29: 287-296.

OOL4 Hammer, K. & Fritsch, R. Zur Frage nach der Ursprungsart
1977 des Kulturmohns (Papaver somniferum L.). Kulturpflanze, 25: 113-124.

OOL5 Knorzer, K. H. Entwicklung und Ausbreitung des Leindotters
1978 (Camelina sativa s.l.). Ber. Deutschen Bot. Ges., 91: 187-195.

OOL6 Leppik, E.E. & White, G.A. Preliminary assessment of Crambe
1975 germplasm resources. Euphytica, 24: 681-689.

OOL7 Mirek, Z. Taxonomy and nomenclature of Camelina pilosa
1980 Auct. Acta Soc. Bot. Polon., 49: 553-561.

OOL8 Moshkin, V.A. {On the origin and distribution of castor as
1977 a crop.} Byull. Vses. Inst. Rastenievod. 69: 60-64. (In Russian)

OOL9 Singh, D. Castor. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.84-86.

OOL10 Veselovskaya, M.A. The poppy, its classification and
1976 importance as an oleiferous crop. New Delhi, Amerind Publishing Co. 200pp.

Other relevant references :

J170,Q41,OEC1,OEC5

7 PALMS

PALMS - GENERAL

PAL1 Balick, M.J. Amazonian oil palms of promise: a survey.
1979 Econ. Bot., 33: 11-28.

PAL2 Balick, M.S. The palm heart as a new commercial crop from
1976 tropical America. Principes, 20: 24-28.

PAL3 Braun, A. Cultivated palms of Venezuala. Principes, 12: 39-
1968 136.

PAL4 Burrett, M. Brasilianische Palmen als Nutzpflanzen.
1938 Tropenpflanzer, 41: 477-502.

PAL5 Corner, E.J.H. The natural history of palms. London,
1966 Weidenfeld & Nicolson.

PAL6 Kaul, K.N. Some interesting features of the distribution of
1951 palms in relation to their origin. Indian J. Genet. Plant Breed., 11: 108-110.

PAL7 Moore, H.E. Botany and classification of palms. Amer. Hort.
1961 Mag., 40: 17.

PAL8 Moore, H.E., Jr., & Uhl. N.W. Major trends of evolution in
1982 palms. Bot. Rev., 48: 1-69.

PAL9 Schultes, R.J. Palms and religion on the north west Amazon.
1974 Principes, 18: 3-21.

Other relevant references :

A223,A268,L120,M13

ARECA

ARE1 Raghavan, V. & Baruah, H.K. Arecanut: India's popular
1958 masticatory - history, chemistry and utilisation. Econ. Bot., 12: 315-345.

COCOS

COC1 Adam, J. Les plantes oleiferes de l'Afrique occidentale
1915 francaise. 3. Le cocotier. Paris, Edition Challamel, 110pp.

COC2 Ahmad bin Hj. Omar. Races of the coconut palm. Gard. Bull.
1919 (Singapore), 2: 143.

COC3 Barrau, J. Plant exploration and introduction in the
1962 improvement of the coconut palm. Indian Coconut J., 15: 91-93.

COC4 Barrett, O.W. Varieties of cocconuts. Philipp. Agric., 5:
1912 251-253.

COC5 Beccari, O. Il genere Cocos Linn. e le palme affini.
1916 L'Agricoltura Coloniale, 10: 435-447, 489-532, 585-623.

COC6 Beccari, O. The origin and dispersal of Cocos nucifera.
1916 Philippine J. Sci., 12C (Botany): 27-43.

COC7 Benard, G. Quelques aspects de la lyophilisation du pollen
1974 de cocotier. Oleagineux 28: 447-451.

COC8 Bondar, G. Palmieras do genero Cocos. Bol. Inst. Cent.
1941 Fomento Econ, Bahia, 9: 1-53.

COC9 Bruman, H.J. Some observations on the early history of the
1944 coconut in the New World. Acta Am. 2, 220-243.

COC10 Bruman, H.J. Early coconut culture in Western Mexico.
1945 Hisp. Amer. Hist. Rev., 25: 213-223.

COC11 Bruman, H.J. A further note on coconuts in Colima. Hisp.
1947 Amer. Hist. Rev., 27: 572-573.

COC12 Carpio, C.B., Santos, G.A. & Cano, S.B. Collection and
1980 evaluation of coconut cultivars. In Agricultural Research Branch, Philippine Coconut Authority Annual Report 1980. Banao, Guinobatan, Albay, Philippines. p.110-116.

COC13 Charles, A.E. Coconut experiment work in New Ireland. 1.
1959 Field survey and introduction. Papua New Guinea Agric. J., 11: 89-94.

COC14 Charles, A.E. Coconut experiment work in New Ireland. 2.
1959 Progress report on field trials. Papua New Guinea Agric. J., 11: 116-120.

COC15 Charles, A.E. Selection and breeding of the coconut palm.
1961 Trop. Agric., 38: 283-296.

COC16 Child, R. Coconuts. 2nd ed. London, Longmans Green, p.1-
1974 71.

COC17 Cook, A.F. History of the coconut palm in America.
1910 Contrib. U.S. Natl. Herb., 14: 271-342.

COC18 Copeland, E.B. Coconut. 3rd ed. London, Macmillan. 233pp.
1931

COC19 Dennis, J.V. & Gunn, C.R. Case against trans-pacific
1971 dispersal of the coconut by ocean currents. Econ.
Bot., 25: 407-413.

COC20 Dwyer, R.E.D. Coconut improvement by seed selection and
1938 plant breeding. New Guinea Agric. Gaz., 4: 24-102.

COC21 Eden, D.R.A. Le lieu d'origine du cocotier. Bulletin
1959 C.P.S., 9: 30-33.

COC22 Foale, M.A. Report on a visit to Rennell Island, B.S.I.P.,
1964 to study the coconut population. Joint Coconut
Research Scheme, British Solomon Is. Protectorate.

COC23 Fosberg, F.R. A theory on the origin of the coconut. In
1960 Symp. on the impact of man on humid tropics
vegetation, Goroko, Papua New Guinea, p.73-75.

COC24 Fremond, Y. & de Nuce, M. Le bloc d'amelioration du
1971 cocotier de Port Bouet. Oleagineux, 26: 71-82.

COC25 Fremond, Y., Ziller, R. & Lamothe, N. Le cocotier. Paris,
1966 Maisonneuve Larose. 259pp.

COC26 Friend, D. The Yandina coconut collection. Joint Coconut
1975 Research Scheme, British Solomon Is. Protectorate.

COC27 Gangolly, S.R., Nambiar, M.C. & Pandalai, K.M. Home of the
1956 coconut. Indian Coconut J., 10: 3-11.

COC28 Haldane, J.B.S. Suggestions for research on coconuts.
1958 Indian Coconut J., 12: 1-9.

COC29 Handover, W.P. The dwarf coconut. Malayan Agric. J., 8:
1919 295.

COC30 Harland, S.C. The improvement of the coconut palm by
1957 breeding and selection. Ceylon Coconut Res. Inst.
Bull. 15.

COC31 Harries, H.C. Coconut varieties in America. Oleagineux,
1971 26: 235-242.

COC32 Harries, H.C. The evolution, dissemination and
1978 classification of Cocos nucifera L. Bot. Rev., 44:
266-319.

COC33 Harries, H.C. Nuts to the garden of Eden. Principes, 23:
1979 143-148.

COC34 Harries, H.C. Coconut genetic resources and the plant
1982 breeder: some new approaches to collection, use and storage. In Singh, R.B. & Chamchalow, N., eds. Genetic resources and the plant breeder. Bangkok, IBPGR Southeast Asian Programme, p.113-118.

COC35 Harries, H.C. & Poerck, R.A. de. Coconut - classification of
1971 genetic resources for introduction and conservation. Plant Genet. Resour. Newsl., 25: 26-27.

COC36 Hunger, F.W.T. Cocos nucifera. Handboek voor de Kennis van
1920 den cocos-palm in Nederlandsch Indie. 2nd ed. Amsterdam, p.42-49.

COC37 IBPGR Coconut genetic resources. Rome, IBPGR. 24pp.
1978

COC38 Jack, H.W. Variation in coconuts. Malayan Agric. J., 17:
1929 31-38.

COC39 Jack, H.W. Improvement of the coconut crop by selection.
1930 Malayan Agric. J., 18: 30-39.

COC40 Liyanage, D.V. Varieties and forms of the coconut palm
1958 grown in Ceylon. Ceylon Coconut Q., 9: 1-10.

COC41 Manthriratne, M.A.P.P. Coconut pollen. Ceylon Coconut Q.,
1965 16: 102-110

COC42 Menon, K.P.V. & Pandalai, K.M. The coconut palm: a
1957 monograph. Indian Central Coconut Committee. 384pp.

COC43 Millaud, R. Les varietes de cocotier de la Polynesie
1959 Francaise. Extrait du Bulletin Trimestriel C.P.S. de Juillet.

COC44 Narayana, G.V. & John, C.M. Varieties and forms of coconut.
1949 Indian Coconut J., 2: 209-226.

COC45 Ninan, C.A. & Satybalan, K. Cytogenetic studies in the
1963 genus Cocos. 2. Some observations on the "spicata" character in coconuts (Cocos nucifera L.). Indian Coconut J., 16: 109-114.

COC46 Ninan, C.A., Pillai, R.V. & Joseph, J. Cytogenetic studies
1960 in the genus Cocos. 1. Chromosome number in C. australis and C. nucifera L. vars. spicata and androgena. Indian Coconut J. 13: 129-135.

COC47 Parham, J.W. Coconut and breadfruit surveys in the South
1966 Pacific region. South Pacific Commission, Noumea, New Caledonia. Technical information paper no.1.

COC48 Patel, J.S. The coconut: a monograph. Madras, Edition
1938 Government Press. 303pp.

COC49 Prudhomme, E. Le cocotier. Paris, Challamel.
1906

COC50 Purseglove, J.W. The origin and distribution of the
1968 coconut. Trop. Sci., 10: 191-199.

COC51 Rao, M.B.S. & Koyamu, K. The dwarf coconut. Indian Coconut
1953 J., 8: 106-112.

COC52 Raveendranath, T.G. & Ninan, C.C. A study of somatic
1973 chromosome complements of tall and dwarf coconuts (Cocos nucifera L.) and its bearing on intervarietal variation and evolution in coconuts. J. Plantation Crops, 1: 17-22.

COC53 Reyne, A. De cocos-palm. In Van Hall, C.J.J. & Van de
1948 Koppel, C., ed. De Landbouw in der Indischen Archipel. vol.11A, The Hague, p.429.

COC54 Rognon, F. & Nuce de Lamothe, M. de. Action du froid sur la
1973 conservation du pollen de cocotier. Oleagineux, 28: 565-566.

COC55 Roosman, R.S. Coconut, breadfruit and taro in Pacific oral
1971 literature. J. Polynesian Soc., 80: 74-118.

COC56 Santos, G.A. Establishment of a coconut genetic resource
1982 center in the Philippines. IBPGR Southeast Asian Newsl., 6, no.1: 10.

COC57 Santos, G.A., Carpio, C.B., Cruz, B.V. dela., Ilagan, M.C. &
1980 Cano, S.B. Establishment of a coconut genetic resource centre in the Philippines. In Agricultural Research Branch, Philippine Coconut Authority Annual Report 1980. Banao, Guinobatan, Albay, Philippines, p.136-137.

COC58 Sauer, J.D. A re-evaluation of the coconut as an indicator
1971 of human dispersal. In Riley, C.L. et al. ed. Man across the sea. Texas Univ. Press.

COC59 Shortt, J. A monograph on the coconut palm. Madras, Govt.
1888 Press.

COC60 Sundaresan, N., Rangaswamy, M. & Mohammed Ibrahim, P.A.
1974 Suitable season for the collection of seed coconuts in the east coast of Tamil Nadu. Madras Agric. J., 61: 525-530.

COC61 Swaminathan, M.S. & Nambiar, M.C. Cytology and origin of
1961 the dwarf coconut palm. Nature, Lond., 192: 85-86.

COC62 Tammes, P.M.L. & Whitehead, R.A. Coconut palm. In
1969 Ferwerda, F.P. & Wit, F., eds. Outlines of perennial crop breeding in the tropics. Wageningen, p.175-188.

COC63 Whitehead, R.A. Speed of germination, a characteristic of
1965 possible taxonomic significance in Cocos nucifera. Trop. Agric. 42: 369-372.

COC64 Whitehead, R.A. The flowering of Cocos nucifera L. in
1965 Jamaica. Trop. Agric., 42: 19-29.

COC65 Whitehead, R.A. Report on a sample survey and collection of
1966 coconut germ plasm in the Pacific Islands. London, HMSO, Overseas Research Publication no.16, 78pp.

COC66 Whitehead, R.A. Some notes on dwarf coconut palms in
1966 Jamaica. Trop. Agric. 43: 277-294.

COC67 Whitehead, R.A. Coconut. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.221-225.

COC68 Whitehead, R.A. & Thompson, B.E. Introduction and exchange
1966 of coconut plant material. Nature, Lond., 209: 634-635.

COC69 Ziller, R. La collection mondiale du cocotier. Oleagineux,
1962 17: 837-846.

COC70 Ziller, R. Suggestions regarding the eventual organization
1962 of an international experiment for exchange of coconut palm breeding material. Indian Coconut J., 15: 94-96.

COC71 Zuniga, L.C. et al. Collection of coconut cultivars in the
1970 Philippines. In Emata, R.G., ed. Coconut production in the Philippines, p.9-24.

Other relevant references :

B169,J83,L25,L222,R16,PAL6,ECO3

ELAEIS

ELA1 Arasu, N.T. & Rajanaidu, N. Conservation and utilization of
1975 genetic resources in oil palm (Elaeis guineensis Jacq). In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.182-186.

ELA2 Arasu, N.T. & Rajanaidu, N. Oil palm genetic resources. In
1977 Earp, D.A. & Newall, W., eds. International developments in oil palm. Kuala Lumpur, Malaya, Incorporated Society of Planters, p.16-25. (Also Proc. Malaysian Int. Agric. Oil Palm Conf., June 1976)

ELA3 Beirnaert, A. & Vanderweyen, R. Contribution a l'etude
1941 genetique et biometrique des varietes d'Elaeis guineensis. INEAC Series Sci., 27: 101pp.

ELA4 Blank, S. de A reconnaissance of the american oil palm,
1952 Elaeis melanococca Gaertner (ex Bailey), Corozo oleifera (Giseke), Alfonsia oleifera (HBK). Trop. Agric., Trin., 29: 90-101.

ELA5 Cook, O.F. A brazilian origin for the commercial oil palm.
1942 Sci. Month., 54: 577-580.

ELA6 Ferrand, M. Le noli (Elaeis melanococca ou Corozo oleifera)
1960 en Colombie. Oleagineux, 15: 823-827.

ELA7 Hardon, J.J. Interspecific hybrids in the genus Elaeis. 2.
1970 Vegetative growth and yield of F1 hybrids E. guineensis x E. oleifera. Euphytica, 18: 380-388.

ELA8 Hardon, J.J. Oil palm. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.225-229.

ELA9 Hardon, J.J. & Tan, G.Y. Interspecific hybrids in the genus
1969 Elaeis. 1. Crossability, cytogenetics and fertility of F1 hybrids of E. guineensis x E. oleifera. Euphytica, 18: 372-379.

ELA10 Hardon, J.J. et al. Oil palm breeding: a review.
1973 International Oil Palm Conference, 1972. Kuala Lumpur.

ELA11 Hartley, C.W.S. The oil palm. 2nd ed. London, Longman.
1977 806pp.

ELA12 Lubis, A.U. & Kiswito. New perspectives in oil palm
1975 breeding in Indonesia. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.187-197.

ELA13 Meunier, J. Etude des populations naturelles d'Elaeis
1969 guineensis en Cote d'Ivoire. Oleagineux, 24: 195.

ELA14 Meunier, J. Le "palmier a huile" americain Elaeis
1975 melanococca. Oleagineux, 30: 51-61.

ELA15 Meunier, J. & Boutin, D. Elaeis melanococca and the E. melanococca x E. guineensis hybrid. First results. Oleagineux, 30: 5-8.
1975

ELA16 Ooi, S.C. & Rajanaidu, N. Establishment of oil palm genetic resources - theoretical and practical considerations. Malaysian Appl. Biol., 8: 15-28.
1979

ELA17 Rajanaidu, N. Oil palm genetic resources: current methods of conservation. Plant Genet. Resour. Newsl., 48: 25-30.
1981

ELA18 Rajanaidu, N., Arasu, N.T. & Obasola, C.O. Collection of oil palm genetic material in Nigeria. 2. Phenotypic variation of the populations. MARDI Res. Bull., 7: 1-27.
1976

ELA19 Rees, A.R. Evidence for the African origin of the oil palm. Principes, 9: 30-36.
1965

ELA20 Rosenquist, E.A. Elaeis guineensis and allied species with special reference to their origin. Proceedings of the Centenary and Bicentenary Congress of Biology, Singapore.
1958

ELA21 Surre, C. & Ziller, R. Le palmier a l'huile. Paris, Maisonneuve Larose. 229pp.
1963

ELA22 Vanderweyen, R. Notions de culture de l'Elaeis au Congo Belge. Bruxelles, Ministere des Colonies, 292pp.
1952

ELA23 Zeven, A.C. On the origin of the oil palm (Elais guineensis Jacq.) Grana Palynologica, 5: 121-123.
1964

ELA24 Zeven, A.C. Origin of the oil palm (Elaeis guineensis Jacq.). J. West Afr. Inst. Oil Palm Res., 4: 218-224.
1965

ELA25 Zeven, A.C. The semi-wild oil palm and its industry in Africa. Wageningen, Centre for agricultural publications and documentation. Agricultural Research Report 689. 178pp.
1967

ELA26 Zeven, A.C. The partial and complete domestication of the oil palm (Elaeis guineensis). Econ. Bot., 26: 274-279.
1972

Other relevant references :

L25,L33,L63,L76,L127,L128,Q111,R49

GUILIELMA

GUI1 Blaak, G. Pejibaye. Abstr. Trop. Agric., 2: 9-17.
1976

GUI2 Chamacho, E. & Soria, V.J. Palmito de pejibaye. Proc. Trop.
1970 Region Amer. Soc. Hortic. Sci., 14: 122-132.

GUI3 Patino, V.M. El cachipay o pijibay, Guilielma gasipaes
1958 (H.B.K.) Bailey, y su papel en la cultura y en la economia de los pueblos indigenas de America tropical. Mexico, Instituto Indigenista Interamericano. 66pp.

GUI4 Popenoe, W. & Jimenez, O. The pejibaye: a neglected food-
1921 plant of tropical America. J. Hered., 12: 154-166.

GUI5 Yanguez Bernal, J.A. Distribucion, importancia economica y
1975 domesticacion de la palma chonta (Bactris gasipaes). Rev. Colombiana de Antropologia, 19: 397-422.

Other relevant reference :

B123

METROXYLON

MET1 Barrau, J. The sago palms and other food plants. Econ.
1959 Bot., 13: 151-162.

MET2 Johnson, R.M. & Raymond, W.D. Sources of starch in colonial
1956 territories: I. The sago palm. Col. Plant. Anim. Prod., 6: 20-32.

MET3 Stanton, W.R. & Flach, M., eds. Sago. The equatorial swamp
1980 as a natural resource. The Hague, Martinus Nijhoff. 244pp.

PHOENIX

PHO1 Barodi, T.A.El. Growing and by-products of dates. In
1970 Tropical and subtropical fruits, London, Tropical Products Institute, p.201-206.

PHO2 Carpenter, J.B. The national date palm germplasm repository.
1979 In USA, Californian date growers' institute fifty-fourth annual report, 1979. p.29-32.

PHO3 Downson, V.H.W. Dates and date cultivation of Iraq.
1921 Agricultural directorate of Mesopotamia.

PHO4 Goor, A. The history of the date through the ages in the
1967 Holy Land. Econ. Bot., 21: 320-340.

PHO5 Munier, P. Sur l'origin du palmier-dattier. Fruits, 8: 47-
1953 52.

PHO6 Munier, P. Sur la presence du faux dattier, Phoenix
1962 atlantica Chev., en Adrar mauretanien. Fruits d'outre mer, 17: 208-210.

PHO7 Munier, P. Le palmier-dattier. Paris, Maisoneuve & Laros.
1973

PHO8 Nixon, R.W. The date palm - "tree of life" in the
1951 subtropical deserts. Econ. Bot., 5: 274-301.

PHO9 Oudejans, J.H.M. Date palm (Phoenix dactylifera L.). In
1969 Ferwerda, F.P. & Wit, F., eds. Outlines of perennial crop breeding in the tropics, Wageningen, 243-257.

PHO10 Oudejans, J.H.M. Date palm. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.229-231.

Other relevant reference :

M112,R6,S76,PAL6

8 VEGETABLES

VEGETABLES - GENERAL

VEG1 Epenhuijsen, C.W. von. Growing native vegetables in
1967 Nigeria. Rome, FAO, 110pp.

VEG2 Forster, G. New veg for old. The Garden, 107: 117-118.
1982

VEG3 Grubben, G.J.H. (edited by Tindall, H.D. & Williams, J.T.). 1977 Tropical vegetables and their genetic resources. Rome, IBPGR. 197pp.

VEG4 Henslow, G. The origin and history of our garden vegetables 1910 and their dietectic values. J. R. Hort. Soc., 36: 115-126, 345-351, 590-595.

VEG5 Herklots, G.A.C. Vegetables in South East Asia. London, 1972 Allen & Unwin. 525pp.

VEG6 Lee, S. H. Vegetable crops growing in China. Sci. Hortic., 1982 17: 201-209.

VEG7 Nath, P. & Denton, L. Leafy vegetables in Nigeria. Plant 1980 Genet. Resour. Newsl., 42: 14-17.

VEG8 Ochse, J.J. & Brink, B.R.C. van den. Vegetables of the 1931 Dutch East Indies. Buitenzorg, Java, Archipeldrukkerij, 1005pp.

VEG9 Poole, C.F. Improving the root vegetables. In Breeding 1937 vegetable crops, U.S. Dep. Agric. Yearbook, Washington, U.S. Dep. Agric., p.300-325.

VEG10 Sastrapradja, S. & Kartawinata, K. Leafy vegetables in the 1975 Sundanese diet. In Williams, J.T., Lamoureux, C.H., & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.166-170.

VEG11 Sastrapradja, S., Lubis, S.H.A., Djajasukma, E., Soetarno, 1981 H. & Lubis, I. Vegetables. (Engl. version: Soetjipto, N.W. & Aminah, S.H.; Lamoureux, C.H. & Rifai, M.A., eds.) Rome, IBPGR. 117pp.

VEG12 Sinnadurai, S. Vegetable genetic resources in Ghana. Plant 1980 Genet. Resour. Newsl., 42: 12-13.

VEG13 Sloten, D.H.van. Vegetable genetic resources. Plant Genet. 1980 Resour. Newsl., 44: 20-25.

VEG14 Terra, G.J.A. Tropical vegetables. Vegetable growing in 1966 the tropics and subtropics especially of indigenous vegetables. Department of Agricultural Research, Tropical Institute, Amsterdam. Communication No.54e. 107pp.

VEG15 Toll, J. & Sloten, D.H. van. Directory of germplasm 1982 collections, 4: Vegetables. Rome, IBPGR. 187pp.

Other relevant references :

A268,E80,J20,J49,J168,K48,L153,L219,L220,N90,N91,Q10,Q14,S8

ABELMOSCHUS

ABE1 Arora, R.K. & Singh, H.B. Abelmoschus tuberculatus and its
1973 relation to Abelmoschus esculentus (Malvaceae). Baileya, 19: 90.

ABE2 Bates, D.M. Notes on the cultivated Malvaceae. Baileya, 16:
1968 99-112.

ABE3 Charrier, A. Les ressources genetiques du genre Abelmoschus.
1983 Med. (Gombo). Rome IBPGR. 61pp.

ABE4 Chevalier, A. L'origine, la culture et les usages de cinq
1940 Hibiscus de la section Abelmoschus. III. Les Abelmoschus au point de vue economique. Rev. Bot. Appl., 20: 402-419.

ABE5 Chevalier, A. L'origine, la culture et les usages de la
1940 section Abelmoschus. Rev. Bot. Appl., 20: 319-328.

ABE6 Gadwal, V.R., Joshi, A.B. & Iyer, R.D. Interspecific
1968 hybrids in Abelmoschus through ovule and embryo culture. Indian J. Genet. Plant Breed., 28: 269-274.

ABE7 Joshi, A.B. & Hardas, M.W. Alloploid nature of okra,
1956 Abelmoschus esculentus (L.) Monech. Nature, Lond., 178: 1190.

ABE8 Joshi, A.B. & Hardas, M.W. Okra. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.194-195.

ABE9 Joshi, A.B., Gadwal, V.R. & Hardas, M.W. Okra. In
1974 Hutchinson, J.B., ed. Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.101-107.

ABE10 Martin, F.W. A second edible okra species, and its hybrids
1982 with common okra. Ann. Bot., 50: 277-283.

ABE11 Pal, B.P., Singh, H.B. & Vishnu-Swarup. Taxonomic
1952 relationships and breeding possibilities of species of Abelmoschus related to okra (A. esculentus). Bot. Gaz., 113: 455-464.

ABE12 Sinha, M.K. & Singh, D.P. Hibiscus spp. germplasm in India.
1982 Plant Genet. Resour. Newsl., 52: 13-15.

Other relevant reference:

J172

ALLIUM

ALL1 Astley, D., Innes, N.L. & Meer, Q.P. van der. Genetic
1982 resources of Allium species. Rome, IBPGR. 38pp.

ALL2 Badr, A. & Elkington, T.T. Numerical taxonomy of species in
1978 Allium subgenus Molium. New Phytol., 81: 401-417.

ALL3 Bagatyrenko, A.K. {The value of local garlic cultivars for
1970 breeding.} Sel. Semenovod. (Moscow), 1: 65. (In Russian)

ALL4 Cheshmedzhiev, I. {On the chromosome polymorphism of some
1973 Allium species.} Genet. Sel., 8: 184-191. (In Russian)

ALL5 Conti, S. & Ferraresi, A. Analisi biometrica di cloni e
1974 provenienze di aglio in relazione al miglioramento genetico della coltura. Riv. di Agron., 8: 47-57.

ALL6 Department of Botany, University of Oxford. Genetic systems
1965 in Allium. 1. Chromosome variation. Chromosoma, 16: 486-499.

ALL7 El-Gadi, A. & Elkington, T.T. Comparison of the giemsa C-
1975 band karyotypes and the relationships of Allium cepa, A. fistulosum and A. galanthum. Chromosoma, 51: 19-23.

ALL8 El-Gadi, A. & Elkington, T.T. Numerical taxonomic studies
1977 on species in Allium subgenus Rhizirideum. New Phytol., 79: 183-201.

ALL9 Fujieda, K., Adaniya, Sh., Okubo, H., Takahashi, K. &
1980 Matsuo, E. {Studies on the intraspecific differentiation of Allium wakegi Araki.} J. Jap. Soc. Hort. Sci., 49: 180-188. (In Japanese, English summary)

ALL10 Gavrilova, V.P. {Chemotaxonomic investigation of onions.}
1969 Sborn. Trudy Aspirant. Molod. Nauc. Sotrud. Vses. Nauc. - issled. Inst. Rasten., 10: 431-438. (In Russian)

ALL11 George, R.A.T. Onion germplasm in the Sudan. Plant Genet.
1980 Resour. Newsl., 42: 18-20.

ALL12 Hanelt, P. & Ohle, H. Die Perlzwiebeln des Gaterslebener
1978 Sortiments und Bemerkungen zur Systematik und Karyologie dieser Sippen. Kulturpflanze, 26: 339-348.

ALL13 Jones, H.A. & Mann, L.K. Onions and their allies. Botany,
1963 cultivation and utilization. London, New York, Leonard Hill, 286pp.

ALL14 Kazakova, A.A. {Biological features of vegetatively
1954 multiplied local onions.} Trudy Prikl. Bot. Genet. Selek., 31: 162-168. (In Russian)

ALL15 Kazakova, A.A. {The most widely distributed species of
1971 onion, their origin and intraspecific classification.} Trudy Prikl. Bot. Genet. Selek., 65: 19-41.

ALL16 Kazakova, A.A. {Distribution and the history of systematics
1975 of the genus Allium.} Trudy Prikl. Bot. Genet. Selek., 55: 18-28. (In Russian, English summary)

ALL17 Kazakova, A.A. {Cultivated flora of the USSR, X. Allium.}
1978 Leningrad, Kolos. 264pp. (In Russian)

ALL18 Khireba, A. {Biological and economic evaluation of some
1972 annual species and varieties of onion.} Zap. Leningr. S-kh. Inst., 184: 68-71. (In Russian)

ALL19 Khushoo, T.N., Atal, C.K. & Sharma, V.B. Cytotaxonomical
1960 investigations on the northwest Indian garlics. Res. Bull. Punjab Univ., 11: 37-48.

ALL20 Kommissarov, V.A. {Evolution of the cultivated garlic, A.
1964 sativum L.} Izv. Timiryazev S-kh. Akad., 4: 70-73. (In Russian)

ALL21 Kuckuck, H. & Kobabe, G. Kuchenzwiebel, Allium cepa L. In
1962 Kappert, H. & Ruderf, W., eds. Handbuch der Pflanzenzuchtung 6., Berlin, Hamburg, 270-312.

ALL22 McCollum, G.D. Chromosome behaviour and sterility of
1974 hybrids between the common onion, Allium cepa, and the related wild A. oschaninii. Euphytica, 23: 699-709.

ALL23 McCollum, G.D. Onion and allies. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.186-190.

ALL24 Mensinkai, S.W. Evolution in the genus Allium. Proc. 7th
1941 Int. Genet. Congr. Edinburgh 23-30 August, 1939, 214-215. (Abstract)

ALL25 Moore, H.E. The cultivated Alliums. Macleya, 2: 103-113,
1954 117-123.

ALL26 Moore, H.E. The cultivated Alliums. Macleya, 3: 137-149,
1955 156-167.

ALL27 Panov, M.A. {Interspecific classification of onion (A. cepa
1964 L.).} Izv. Timiryazev. S-kh. Akad., 4: 62-69 (In Russian)

ALL28 Polumordvinova, I.V. & D'yakova, M.I. {A study of F1
1970 interspecific hybrids of Allium cepa L. x Allium fistulosum L.} Sel-Semenovod. (Moscow) 3: 88-91. (In Russian)

ALL29 Prokhanov, Y.I. The cultivated onions and garlic of Turkey.
1932 Vacchnil of the Institute of Plant Breeding, Leningrad, p.125-127.

ALL30 Saini, S.S. & Davis, C.N. Male sterility in Allium cepa and
1969 some species hybrids. Econ. Bot., 23: 37-49.

ALL31 Saini, S.S. & Davis, C.N. Karyotypic analysis of some
1970 Allium species: J. Am. Soc. Hortic. Sci., 95: 102-105.

ALL32 Savile, D.B.O. Taxonomic disposition of Allium. Nature,
1962 Lond., 196: 792.

ALL33 Sloten, D.H. van. Allium genetic resources. Plant Genet.
1982 Resour. Newsl., 50: 36-40.

ALL34 Stearn, W.T. Nomenclature and synonomy of Allium odorum and
1946 Allium tuberosum. Herbertia, 2: 227-245.

ALL35 Stearn, W.T. Notes on the genus Allium in the Old World.
1946 Herbertia, 2: 11-34.

ALL36 Stearn, W.T. European species of Allium and allied genera
1978 of Alliaceae: a synoptic enumeration. Ann. Musei Goulandris, 4: 83-198.

ALL37 Tai, K.S. {Comparative studies of Allium odorum varieties
1973 in Taiwan.} Taiwan Agric. Quart., 9: 161-169. (In Chinese)

ALL38 Traub, H.P. The subgenera, sections and subsections of
1968 Allium L. Plant Life, 24: 147-163.

ALL39 Vakhtina, L.I. {A caryological study of Allium grande
1974 Lipsky. (Liliaceae).} Bot. Zh. SSSR, 59: 1516-1519. (In Russian)

ALL40 Ved Brat, S. Genetic systems in Allium. I. Chromosome
1965 variation. Chromosoma, 16: 486-499.

ALL41 Ved Brat, S. Genetic systems in Allium III. Meiosis and
1965 breeding systems. Heredity, Lond., 20: 325-339.

ALL42 Wilde-Duyfjes, B.E.E. de. A revision of the genus Allium L.
1976 (Liliaceae) in Africa. Meded. Landbouwhogesch. Wageningen. No.76-11, 237pp.

ALL43 Woo, N.C. & Struckmeyer, B.E. The influence of relative
1975 humidity on onion pollen germination. Hortic. Sci., 10: 162-163.

ALL44 Veselovskii, I.A. & Khirena, A.Kh. {Diversity of forms in
1972 Welsh onion.} Byul. Glavnogo Bot. Sada. 86: 67. (In Russian)

ALL45 Zakirova, R.O. & Vakhtina, L.I. {A cytophotometric and
1974 caryological study of some Allium species of the subgenus Malanocrommyum (Webb et Berth) Wendelbo. section Melanocrommyum.} Bot. Zh. SSSR, 59: 1819-1827. (In Russian)

Other relevant references :

L74,L217,M74,M81

BRASSICAS AND RADISH

BRA1 Bailey, L.H. The cultivated brassicas. Gentes Herb., 1:
1922 53-108.

BRA2 Bailey, L.H. The cultivated brassicas 2. Gentes Herb., 2:
1930 209-267.

BRA3 Bailey, L.H. Certain noteworthy brassicas. Gentes Herb.,
1940 4: 319-330.

BRA4 Banga, O. Radish. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.60-62.

BRA5 Buck, P.A. Origin and taxonomy of broccoli. Econ. Bot.,
1956 10: 250-253.

BRA6 Burkill, I.H. The Chinese mustards in the Malayan
1930 Peninsula. Gard. Bull. (Singapore) 5: 102.

BRA7 Candoll, A. de. Memoir on the different species, races and
1824 varieties of the genus Brassica (cabbage) and of the genera allied to it, which are cultivated in Europe. Trans. Hort. Soc., 5: 1-43.

BRA8 Chen, S.R. The origin and differentiation of mustard
1982 varieties in china. Cruciferae Newsl., 7: 7-10.

BRA9 Dass, H. & Nybom, N. The relationships between Brassica nigra, B. campestris, B. oleracea, and their amphidiploid hybrids studied by means of numerical chemotaxonomy. Can. J. Genet. Cytol., 9: 880-890.
1967

BRA10 Dulin, V.K. {Systematics of the genus Raphanus.} Trudy Kuban. S-kh. Inst., 123: 50-62. (In Russian)
1976

BRA11 Finlayson, A.J. The seed protein contents of some Cruciferae. In Vaughan, J.G., Macleod, A.J. & Jones, B.M.G., eds. The biology and chemistry of the Cruciferae. London, New York, Academic Press, 279-306.
1976

BRA12 Fukushima, E. & Maruyama, Y. Preliminary report of the serological examination of Brassica. Proc. Imp. Acad. Japan, 5: 473-476.
1929

BRA13 Gates, R.R. Genetics and taxonomy of the cultivated brassicas and their wild relatives. Bull. Torrey Bot. Club, 77: 19-28.
1950

BRA14 Gates, R.R. Wild cabbages and the effects of cultivation. J. Genet., 51: 363-372.
1953

BRA15 George, R.A.T. & Evans, D.R. A classification of winter radish cultivars. Euphytica, 30: 483-492.
1981

BRA16 Giles, W.F. Cauliflower and broccoli. What they are and where they come from. J. R. Hort. Soc., 66: 265-277.
1941

BRA17 Gomez-Campo, C. Preservation of west Mediterranean members of the cruciferous tribe Brassiceae. Biol. Conserv., 4: 355-360.
1972

BRA18 Gomez-Campo, C. A seed bank of wild crucifers. Cruciferae Newsl., 1: 9.
1976

BRA19 Gomez-Campo, C. Morphology and morpho-taxonomy of the tribe Brassiceae. In Tsunoda, S., Hinata, K. & Gomez-Campo, C., eds. Brassica crops and wild allies. Biology and breeding. Tokyo, Scientific Societies Press, p.3-31.
1980

BRA20 Gomez-Campo, C. & Hinata, K. A check list of chromosome numbers in the tribe Brassiceae. In Tsunoda, S., Hinata, K. & Gomez-Campo, C., eds. Brassica crops and wild allies. Biology and breeding. Tokyo, Scientific Societies Press, p.51-63.
1980

BRA21 Gray, A.R. Taxonomy and evolution in Broccoli (Brassica oleracea var. italica). Econ. Bot., 36: 397-410.
1982

BRA22 Gray, A.R. & Crisp, P. Breeding system, taxonomy, and
1977 breeding strategy in Cauliflower, Brassica oleracea var. botrytis L. Euphytica, 26: 369-375.

BRA23 Gustafsson, M. Biosystematics of the Brassica oleracea
1980 group. In Marrewijk, N.P.A. van & Toxopeus, H., eds. Eucarpia "Cruciferae 1979" conference, October 1979, Wageningen. p.11-21.

BRA24 Haga, T. Relationship of genome to secondary pairing in
1937 Brassica. Jap. J. Genet., 8: 277-283.

BRA25 Harberd, D.J. A contribution to the cytotaxonomy of
1972 Brassica (Cruciferae) and its allies. J. Linn. Soc. Bot., 65: 1-23.

BRA26 Harberd, D.J. Cytotaxonomic studies of Brassica and related
1976 genera. In Vaughan, J.G., Macleod, A.J. & Jones, B.M.G., eds. The biology and chemistry of the Cruciferae. London, Academic Press, p.47-68.

BRA27 Hedge, I.C. A systematic and geographical survey of the Old
1976 World Cruciferae. In Vaughan, J.G., Macleod, A.J. & Jones, B.M.G., eds. The biology and chemistry of the Cruciferae. London, New York, Academic Press, p.1-66.

BRA28 Helm, J. Brokkoli und Spargelkohl. Beitrage zur Geschichte
1960 ihrer Kultur und zur Klarung ihrer morphologischen und taxonomischen Beziehungen untereinander sowie zum Blumenkohl. Zuchter, 6: 223-241.

BRA29 Helm, J. Die Chinakohle im Sortiment Gatersleben III.
1963 Brassica narinosa L.H. Bailey. Kulturpflanze, 11: 416-421.

BRA30 Helm, J. Morphologisch-taxonomische Gliederung der
1963 Kultursippen von Brassica oleracea L. Kulturpflanze, 11: 92-210.

BRA31 Hemmingway, J.S. Mustards. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.56-59.

BRA32 Hinata, K., Konno, J. & Mizushima, U. Interspecific
1974 crossability in the tribe Brassicae with special reference to self-incompatibility. Tohoku J. Agric. Res., 25: 58-66.

BRA33 Howard, H.W. The chromosome number of the swede, Brassica
1938 napus L. J. Genet., 35: 383-386.

BRA34 Howard, H.W. The cytology of autotetraploid kale, Brassica
1939 oleracea. Cytologia, 10: 77-87.

BRA35 Howard, H.W. The nomenclature of Brassica species. Curr.
1940 Sci., 9: 494-495.

BRA36 Hu, C.C. Taxonomic study of vegetable crops in China: genus
1962 Brassica. China Hortic., 8: 1-19.

BRA37 IBPGR Genetic resources of cruciferous crops. Rome,
1981 IBPGR. 48pp.

BRA38 Kameya, T. & Hinata, K. Induction of haploid plants from
1970 pollen grains of Brassica. Jap. J. Breed., 20: 82-87.

BRA39 Kitamura, S. The cultivated Brassicae of China and Japan.
1950 Mem. Coll. Science, Univ. Kyoto, Ser. B., 19: 75-80.

BRA40 Lewis-Jones, L.J., Thorpe, J.P. & Wallis, G.P. Genetic
1982 divergence in four species of the genus Raphanus: implications for the ancestry of the domestic radish R. sativus. Biol. J. Linn. Soc., 18: 35-48.

BRA41 Li, C.W. The origin, evolution, taxonomy and hybridisation
1981 of Chinese cabbage. In Talekar, N.S. & Griggs, T.D., eds. Chinese cabbage: Proc. 1st Int. Symp. Shanhua, Tainan, Taiwan, Asian Vegetable Research and Development Center, p.3-10.

BRA42 Lukovnikova, G.A. {Biochemical variability of the
1954 cauliflower.} Trudy Prikl. Bot. Genet. Selek., 31: 193-200. (In Russian)

BRA43 McNaughton, I.H. The scope and problems involved in
1963 synthesising new amphidiploid and autotetraploid fodder brassicas in the group B. napus L., B. campestris L. and B. oleracea L. Annu. Rep. Scot. Plant Breed. Sta., 1963: 48-68.

BRA44 McNaughton, I.H. Swedes and rapes. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.53-56.

BRA45 Mehra, K.L. History and ethno-botany of mustard in India.
1966 Adv. Frontiers Plant Sci., 19: 51-59.

BRA46 Mitchell, N.D. The status of Brassica oleracea L. subsp.
1976 oleracea (wild cabbage) in the British Isles. Watsonia, 11: 97-103.

BRA47 Mizushima, U. Karyogenetic studies of species and genus
1950 hybrids in the tribe Brassiceae of Cruciferae. Tohoku J. Agric. Res., 1: 1-14.

BRA48 Mizushima, U. {Phylogenetic studies on some wild Brassica
1969 species.} Kromosomo, 75: 2427-2429. (In Japanese)

BRA49 Nagai, K. & Sasaoko, T. The number of chromosomes in the
1930 cultivated Brassica. Jap. J. Genet., 5: 151-158.

BRA50 Narain, A. Rape and mustard. In Hutchinson, J.B., ed.
1974 Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.67-70.

BRA51 Narain, A. Nomenclature, species concept, history of
1980 domestication and genetic resources of Indian brassicas. In Marrewijk, N.P.A. van & Toxopeus, H., eds. Eucarpia "Cruciferae 1979" conference, October 1979, Wageningen, p.29-33.

BRA52 Nieuwhof, M. Cole crops: botany, cultivation and
1969 utilisation. London, Leonard Hill. 323pp.

BRA53 North, C. Vegetative propagation of cabbage and allied
1952 vegetables. Emp. J. Exp. Agric., 20: 43-46.

BRA54 Ockenden, D.J. An S-allele survey of cabbage (Brassica
1982 oleracea var. capitata). Euphytica, 31: 325-331.

BRA55 Onno, M. Die Wildformen aus dem Verwandtschaftskreis
1933 Brassica oleracea L. Osterreichishe Bot. Z., 82: 309-334.

BRA56 Pearson, O.H. A suggested classification of the genus
1929 Brassica. Proc. Am. Soc. Hortic. Sci., 25: 105-110.

BRA57 Prakash, S. Cruciferous oilseeds in India. In Tsunoda, S.,
1980 Hinata, K. & Gomez-Campo, C., eds. Brassica crops and wild allies. Biology and breeding. Tokyo, Scientific Societies Press, p.151-163.

BRA58 Prakash, S. & Hinata, K. Taxonomy, cytogentics and origin
1980 of crop brassicas, a review. Opera Botanica, 55: 1-57.

BRA59 Robbelen, G. Beitrage zur Analyse des Brassica - Genoms.
1960 Chromosoma, 11: 205-228.

BRA60 Rundfeldt, H. Gemusekohl (Brassica oleracea L.). in
1962 Kappert, H. & Rudorf, W., eds. Handbuch der Pflanzenzuchtung, 2nd ed. Berlin, Parey, vol.6. p.149-227.

BRA61 Shebalina, M.A. {Rape, turnip and swede (rutabaga).}
1974 Leningrad, Kolos. 352pp. (In Russian)

BRA62 Sikka, S.M. Cytogenetics of Brassica hybrids and species.
1940 J. Genet., 40: 440-509.

BRA63 Singh, C.B., et al. Biometrical analysis of evolution under
1975 domestication in Brassica campestris L. var. Yellow Sarson. Egypt. J. Genet. Cytol., 4: 161-173.

BRA64 Singh, C.B., Asthana, A.N. & Mehra, K.L. Evolution of
1974 Brassica juncea cultivars under domestication and natural selection in India. Genet. Agrar., 28: 111-135.

BRA65 Singh, D. Rape and mustard. Hyderabad, Indian Central
1958 Oilseeds Committee. 105pp.

BRA66 Sinskaja, E.N. {Geno-systematical investigations of
1927 cultivated Brassica.} Trudy Prikl. Bot. Genet. Selek., 17: 3-166. (In Russian)

BRA67 Sinskaja, E.N. {The oleiferous plants and root crops of the
1928 family Cruciferae.} Trudy Prikl. Bot. Genet. Selek., 19: 1-648. (In Russian)

BRA68 Sitar, J. {Vegetative propagation of brassicas.} Sb.Cesk.
1957 Akad. Zemed. Ved.Rostl. Vyroba, 30: 1141-1160. (In Russian)

BRA69 Snogerup, S. The wild forms of the Brassica oleracea group
1980 (2n=18) and their possible relations to the cultivated ones. In Tsunoda, S., Hinata, K. & Gomez-Campo, C., eds. Brassica crops and wild allies. Tokyo, Japan Scientific Societies Press, p.121-132.

BRA70 Sun, V.G. The evaluation of taxonomic characters of
1946 cultivated Brassica with a key to species and varieties: 1. The characters. Bull. Torrey Bot. Club, 73: 244-281.

BRA71 Swarup, V. & Chaterjee, S.S. Origin and genetic improvement
1972 of Indian cauliflower. Econ. Bot., 26: 381-393.

BRA72 Takahashi, N. & Suzuki, Y. Dormancy and seed germination.
1980 In Tsunoda, S., Hinata, K. & Gomez-Campo, C., eds. Brassica crops and wild allies. Biology and breeding. Tokyo, Scientific Societies Press, p.323-337.

BRA73 Takahata, Y. & Hinata, K. A variation study of subtribe
1980 Brassicinae by principal component analysis. In Tsunoda, S., Hinata, K. & Gomez-Campo, C., eds. Brassica crops and wild allies. Biology and breeding. Tokyo, Scientific Societies Press, p.33-49.

BRA74 Talekar, N.S. & Griggs, T.D. Chinese cabbage: Proc. 1st Int.
1981 Symp. Shanhua, Tainan, Taiwan, Asian Vegetable Research & Development Center. 489pp.

BRA75 Tan, C.M. {Origin, distribution and evolution of Chinese
1979 cabbage.} Sci. Agric. Sinica, 4: 68-75. (In Chinese)

BRA76 Thomas, P.T. & Crane, B.M. Genetic classification of
1942 Brassica crops. Nature, Lond., 150: 431.

BRA77 Thompson, K.F. Cabbages, kales etc. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.49-52.

BRA78 Toxopeus, H. The domestication of Brassica crops in Europe.
1980 In Marrewijk, N.P.A. van & Toxopeus, H., eds. Eucarpia "Cruciferae 1979" conference, October 1979, Wageningen, p.47-56.

BRA79 Toxopeus, H. & Sloten, D.H.van. The genetic resources of
1981 cruciferous crops. Plant Genet. Resour. Newsl., 47: 3-8.

BRA80 Tsen, M. & Lee, S.H. A preliminary study of Chinese
1942 cultivated brassicas. Hortus Sinicus, Bull.2: 1-32.

BRA81 Tsunoda, S. Eco-physiology of wild and cultivated forms in
1980 Brassica and allied genera. In Tsunoda, S., Hinata, K. & Gomez-Campo, C., eds. Brassica crops and wild allies. Biology and breeding. Tokyo, Scientific Societies Press, p.109-120.

BRA82 Tsunoda, S., Hinata, K. & Gomez-Campo, C., eds. Brassica
1980 crops and wild allies. Biology and breeding. Tokyo, Scientific Societies Press. 354pp.

BRA83 Tsunoda, S., Hinata, K. & Gomez-Campo, C. Preservation of
1980 genetic resources. In Tsunoda, S., Hinata, K. & Gomez-Campo, C., eds. Brassica crops and wild allies. Biology and breeding. Tokyo, Scientific Societies Press, p.339-354.

BRA84 Vaughan, J.G. Comparative studies of the seed proteins of
1966 Brassica campestris, B. oleracea and B. nigra. J. Exper. Bot., 17: 332-343.

BRA85 Vaughan, J.G. A multidisciplinary study of the taxonomy
1977 and origin of brassica crops. Bioscience, 27: 35-40.

BRA86 Vaughan, J.G. & Hemingway, J.S. The utilization of
1959 mustards. Econ. Bot., 13: 196-204.

BRA87 Vaughan, J.G., et al. Contributions to a study of
1963 variations in Brassica juncea Coss. & Czern. J. Linn. Soc. Bot., 58: 435-447.

BRA88 Vaughan, J.G., Phelan, J.R. & Denford, K.E. Seed studies in
1976 the Cruciferae. In Vaughan, J.G., Macleod, A.J. & Jones, B.M.G., eds. The biology and chemistry of the Cruciferae. London, New York, Academic, 119-144.

BRA89 Watson, A.G. & Baker, K.F. Possible gene centers for
1969 resistance in the genus Brassica to Plasmodiophora brassicae. Econ. Bot., 23: 245-252.

BRA90 Wellington, P.S. & Quartley, C.E. A practical system for
1972 classifying, naming and identifying some cultivated Brassicas. J. Natl. Inst. Agric. Bot., UK, 12: 413-432.

BRA91 Yarnell, S.H. Cytogenetics of the vegetable crops: 2.
1956 Crucifers. Bot. Rev., 22: 81-166.

Other relevant references :

B63,G146,J17,J18,J157,L155,L196,N8,P7,Q41,Q94,VEG6

CUCURBITACEAE

CUC1 Ashizawa, M. Local varieties of pumpkin and squash
1975 (Cucurbita spp.) in Japan. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.47-50.

CUC2 Bailey, L.H. The domesticated cucurbitas 1. Gentes Herb.,
1929 2: 62-115.

CUC3 Bailey, L.H. Species of Cucurbita. Gentes Herb., 6: 266-
1943 322.

CUC4 Bemis, W.P. & Whitaker, T.W. Natural hybridization between
1965 Cucurbita digitata and C. palmata. Madrono, 18: 39-47.

CUC5 Bemis, W.P. et al. Numerical taxonomy applied to Cucurbita
1970 relationships. Am. J. Bot., 57: 404-412.

CUC6 Bemis, W.P., Berry, J.W. & Weber, C.W. The buffalo gourd. A
1979 potential arid land crop. In Ritchie, G.A., ed. New agricultural crops. Boulder, Colorado, Westview Press, p.65-87.

CUC7 Bemis, W.P., Berry, J.W., Weber, C.W. & Whitaker, T.W. The
1978 buffalo gourd: a new potential horticultural crop. HortScience, 13: 235-240.

CUC8 Choomsai, A. Bitter gourd (Momordica charantia Linn.) in
1982 Thailand. IBPGR Southeast Asian Newsl., 6, no.1: 4.

CUC9 Corley, W.L. Some perliminary evaluations of Cucumis plant
1966 introductions. Georgia, Univ. Georgia Coll. Agric. Exper. Stations, Bull.No.179. 58pp.

CUC10 Cutler, H.C. & Whitaker, T.W. History and distribution of
1961 the cultivated cucurbits in the Americas. Amer. Antiq., 26: 459-485.

CUC11 Dass, H.C., Randhawa, G.S. & Manjit, K. Phylogenetic
1974 studies in Cucumerinae by leaf phenolics. Nucleus, Calcutta, 17: 103-108.

CUC12 Deakin, J.R., Bohn, G.W. & Whitaker, T.W. Interspecific
1971 hybridization in Cucumis. Econ. Bot., 25: 195-211.

CUC13 Esquinas, J.T. Alloenzyme variation and relationships among
1981 Spanish land-races of Cucumis melo L. Kulturpflanze, 29: 337-352.

CUC14 Fursa, T.B. {Watermelon ecotypes.} Trudy Prikl. Bot.
1965 Genet. Selek., 37: 65-75. (In Russian)

CUC15 Fursa, T.B. Intraspecific classification of water-melon
1981 under cultivation. Kulturpflanze, 29: 297-300.

CUC16 Heiser, C.B. The gourd book. Norman, Oklahoma, University
1979 of Oklahoma Press. 248pp.

CUC17 Hurd, P.D., Linsley, E.G. & Whitaker, T.W. Squash and gourd
1971 bees (Peponapis, Xenoglossa) and the origin of the cultivated Cucurbita. Evolution, 25: 218-234.

CUC18 Jeffrey, C. Notes on Cucurbitaceae, including a proposed
1962 new classification of the family. Kew Bull., 15: 337-371.

CUC19 Jeffrey, C. Further notes on Cucurbitaceae. Kew Bull., 19:
1964-65 215-223.

CUC20 Jeffrey, C. On the classification of the Cucurbitaceae. Kew
1966 Bull., 20: 417-426.

CUC21 Jeffrey, C. Further notes on Cucurbitaceae. II. The tribe
1971 Cucurbiteae. Kew Bull., 25: 191-236.

CUC22 Jeffrey, C. Further notes on Cucurbitaceae. III. Some
1975 southern African taxa. Kew Bull., 30: 475-493.

CUC23 Jeffrey, C. Further notes on Cucurbitaceae. IV. Some New-
1979 world taxa. Kew Bull., 33: 347-380.

CUC24 Jeffrey, C. A review of the Cucurbitaceae. Bot. J. Linn.
1980 Soc., 81: 233-247.

CUC25 Jeffrey, C. Further notes on Cucurbitaceae. V. The
1980 Cucurbitaceae of the Indian subcontinent. Kew Bull., 34: 789-809 (& corrigenda and addenda. Kew Bull., (1982) 36: 737-740.)

CUC26 Kobiakiva, J.A. {The bottle gourd, Lagenaria vulgaris Ser.,
1943 a relic crop.} Trudy Prikl. Bot. Genet. Selek., 23: 475-520. (In Russian)

CUC27 Leppik, E.E. Searching gene centres of the genus Cucumis
1966 through host-parasite relationship. Euphytica, 15: 323-328.

CUC28 Maffioli, A. Recursos geneticos de chayote, Sechium edule
1981 (Jacq.) Swartz, (Cucurbitaceae). Turrialba (Costa Rica) CATIE, Unitad de Recursos Geneticos. 151pp.

CUC29 Malinina, M.I. {Origin and history of cultivation of
1977 Cucumis melo L.) Trudy Prikl. Bot. Genet. Selek., 61: 11-18. (In Russian, English summary)

CUC30 Meeuse, A.D.J. The possible origin of Cucumis anguria L.
1958 Blumea, Suppl. IV, p.196-205.

CUC31 Rhodes, A.M. et al. A numerical taxonomic study of
1968 Cucurbita. Brittonia, 20: 251-266.

CUC32 Richardson, J.B. The pre-Columbian distribution of the
1972 bottle gourd (Lagenaria siceraria): a re-evaluation. Econ. Bot., 26: 265-273.

CUC33 Schuster, W. Der Olkurbis (Cucurbita pepo L.). Eine
1977 monographische Darstellung. Heft 4 der Reihe Fortschritte im Acker-und Pflanzenbau, Beihefte zur Zeitschrift fur Acker-und Pflanzenbau, Berlin, Verlag Paul Parey. 53pp.

CUC34 Shimotsuma, M. Watermelons collected in Afghanistan and
1965 Iran. In Yamashita, K., ed. Cultivated plants and their relatives. Results of the Kyoto Univ. Sci. Expedition to the Karakoram and Hindukush, Kyoto, p.201-206.

CUC35 Shimotsuma, M. & Ogawa, Y. Cytogenetical studies in the
1960 genus Citrullus, 3. Bitter substances in fruits of C. colocynthis Schrad. and C. vulgaris Schrad. Jap. J. Genet., 35: 143-152.

CUC36 Whitaker, T.W. American origin of the cultivated cucurbits.
1947 Ann. MO. Bot. Gdn., 34: 101-111.

CUC37 Whitaker, T.W. Identification and significance of the
1949 cucurbit materials from Huaca Prieta, Peru. Am. Mus. Novitates, 1426: 1-15.

CUC38 Whitaker, T.W. A species cross in Cucurbita. J. Hered.,
1951 42: 65-69.

CUC39 Whitaker, T.W. The origin of the cultivated Cucurbita. Am.
1956 Nat., 90: 171-176.

CUC40 Whitaker, T.W. Biosystematics of the cultivated Cucurbita.
1961 Recent advances in botany, Sect. 9. Univ. Toronto Press, p.858-862.

CUC41 Whitaker, T.W. An interspecific cross in Cucurbita: C.
1962 lundelliana Bailey x C. maxima Duchesne. Euphytica, 11: 273-281.

CUC42 Whitaker, T.W. Cucurbits. London, Leonard Hill. 250pp.
1962

CUC43 Whitaker, T.W. & Bemis, W.P. Origin and evolution of the
1975 cultivated Cucurbita. Bull.Torrey Bot. Club. 102: 362-368.

CUC44 Whitaker, T.W. & Bemis, W.P. Cucurbits. In Simmonds, N.W.,
1976 ed. Evolution of crop plants. London, Longman, p.64-69.

CUC45 Whitaker, T.W. & Bohn, G.W. The taxonomy, genetics,
1950 production and uses of the cultivated species of Cucurbita. Econ. Bot., 4: 52-81.

CUC46 Whitaker, T.W. & Carter, G.F. Critical notes on the origin
1946 and domestication of the cultivated species of Cucurbita. Am. J. Bot., 33: 10-15.

CUC47 Whitaker, T.W. & Cutler, H.C. Cucurbits and cultures in the
1965 Americas. Econ. Bot., 19: 344-349.

CUC48 Whitaker, T.W. & Cutler, H.C. Pre-historic cucurbits from
1971 the valley of Oaxaca. Econ. Bot., 25: 123-127.

CUC49 Whitaker, T.W. & Davis, G.N. Cucurbits: botany, cultivation
1962 and utilisation. London, Leonard Hill. 237pp.

CUC50 Whitaker, T.W., Cutler, H.C. & MacNeish, R.S. Cucurbit
1957 materials from three caves near Ocampo, Tamaulipas. Am. Antiq., 22: 352-358.

CUC51 Williams, J.T. & Ng, N.G. Variation within Momordica
1976 charantia L., the bitter gourd (Cucurbitaceae). Ann. Bogor., 6: 11.

CUC52 Zhitineva, N.E. {The world's assortment of pumpkins.} Trudy
1930 Prikl. Bot. Genet. Selek., 23: 157-207. (In Russian)

Other relevant references :

A138,B169,J203,L150

CYNARA

CYN1 Foury, C. Quelques aspects de l'histoire des varietes
1978 d'artichaut (Cynara scolymus L.) J. Agric. Trad. Bot. Appl., 25: 25-50.

CYN2 Zohary, D. & Basnizky, J. The cultivated artichoke - Cynara
1975 scolymus. Its probable wild ancestors. Econ. Bot., 29: 233-235.

DAUCUS

DAU1 Andrews, A.C. The carrot as a food in the classical era.
1949 Classical Philology, 44: 182-196.

DAU2 Banga, O. Origin of the European cultivated carrot.
1957 Euphytica, 6: 54-63.

DAU3 Banga, O. The development of the original European carrot
1957 material. Euphytica, 6: 64-76.

DAU4 Banga, O. Origin and distribution of the western cultivated
1961 carrot. Rome, FAO. 12pp.

DAU5 Banga, O. Mohre (Daucus carota L.). In Kappert, H. &
1962 Rudorf, W., eds. Handbuch der Pflanzenzuchtung, Vol 6, 2nd ed. Berlin, Paul Parey, p.1-22.

DAU6 Banga, O. Main types of the western carotene carrot and
1963 their origin. Zwolle, Netherlands, Tjeenk Willink. 153pp.

DAU7 Banga, O. Carrot. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.291-293.

DAU8 Brandenburg, W.A. Possible relationships between wild and
1981 cultivated carrots (Daucus carota L.) in the Netherlands. Kulturpflanze, 29: 369-375.

DAU9 Mackevich, V.I. {The carrots of Afghanistan.} Trudy Prikl.
1929 Bot. Genet. Selek., 20: 517-562. (In Russian)

DAU10 Mackevich, V.I. {The carrots of Turkey.} Vacchnil of the
1932 Institute of Plant Breeding, Leningrad, p.3-50. (In Russian)

DAU11 McCollum, G.D. Interspecific hybrid Daucus carota x D.
1975 capilifolius. Bot. Gaz., 136: 201-206.

DAU12 Sechkarev, B.I. {Classification of the cultivated carrot.}
1954 Trudy Prikl. Bot. Genet. Selek., 31: 51-63. (In Russian)

DAU13 Small, E. A numerical taxonomic analysis of the Daucus
1978 carota complex. Can. J. Bot., 56: 248-276.

DAU14 Thellung, A. L'origine de la carotte et du radis cultives.
1927 Rev. Bot. Appl. 7: 666-671.

DAU15 Whitaker, T.W. A note on the cytology and systematic
1949 relationships of the carrot. Proc. Am. Soc. Hortic. Sci., 53: 305-308.

DAU16 Zagorodskikh, P. {New data on the origin and taxonomy of
1939 cultivated carrot.} Dokl. Akad. Nauk. SSSR, 25: 521-523. (In Russian)

Other relevant references :

M24,M29,M45,M85,BET36

DOLICHOS LABLAB

DOL1 Aggarwal, V.D. & Kang, M.S. Genetic variability,
1976 correlation and path analysis studies in horse gram (Dolichos biflorus L.). Trop. Agric., 53: 335-340.

DOL2 Bronkers, F. & de Keyser, B. Observations sur quatre
1966 especes de Dolichos L. et sur Lablab niger Medic. Bull. Jard. Bot. Etat Brux., 36: 57-63.

DOL3 Rivals, P. Le dolique d'Egypte ou lablab (Dolichos lablab).
1953 Rev. Bot. Appl. Agric. Trop., 33: 314-322, 518-537.

DOL4 Schaaffhausen, R. Dolichos lablab or hyacinth bean. Econ.
1963 Bot., 17: 146-153.

HIBISCUS SABDARIFFA

HIB1 Rakshit, S.C. & Kundu, B.C. Revision of the Indian species 1970 of Hibiscus. Bull. Bot. Surv. India, 12: 151-175.

HIB2 Wilson, F.D. & Menzel, M.Y. Kenaf (Hibiscus cannabinus), 1964 roselle (Hibiscus sabdariffa). Econ. Bot., 18: 80-91.

LACTUCA

LAC1 Helm, J. Lactuca sativa L. in morphologisch-systematischer 1954 Sicht. Kulturpflanze, 2: 72-129.

LAC2 Helm, J. Uber den Typus der Art Lactuca sativa L. 1955 Kulturpflanze, 3: 39-49.

LAC3 Lindqvist, K. Reflexed and erect involucre in Lactuca. 1956 Hereditas, 42: 436-442.

LAC4 Lindqvist, K. Inheritance of lobed leaf form in Lactuca. 1958 Hereditas, 44: 347-377.

LAC5 Lindqvist, K. Cytogenetic studies in the serriola group of 1960 Lactuca. Hereditas, 46: 75-151.

LAC6 Lindqvist, K. Inheritance studies in lettuce. Hereditas, 1960 46: 387-470.

LAC7 Lindqvist, K. On the origin of cultivated lettuce. 1960 Hereditas, 46: 319-350.

LAC8 Ryder, E.J. & Whitaker, T.W. Lettuce. In Simmonds, N.W., 1976 ed. Evolution of crop plants. London, Longman, p.39-41.

LAC9 Thompson, R.C., Whitaker, T.W. & Kozar, W.P. Interspecific 1941 genetic relationships in Lactuca. J. Ag. Res., 63: 91-107.

LAC10 Whitaker, T.W. Salads for everyone - a look at the lettuce 1969 plant. Econ. Bot., 23: 261-264.

LAC11 Whitaker, T.W. & McCollum, G.D. Shattering in lettuce - its 1954 inheritance and biological significance. Bull. Torrey Bot., Club, 81: 104-110.

Other relevant references :

L143,Q56

LYCOPERSICON

LYC1 Alexander, L.J. & Hoover, M.M. Disease resistance in wild
1955 species of tomato. Ohio Ag. Exp. Station, Bull. no. 752.

LYC2 Brezhnev, D.D. {Utilisation of species and variety composi-
1954 tion of tomatoes for plant breeding.} Trudy Prikl. Bot. Genet. Selek., 31(1): 64-94. (In Russian)

LYC3 Brezhnev, D.D. {Contemporary classification of Lycopersicon
1954 Tourn.} Trudy Prikl. Bot. Genet. Selek., 31: 5-50. (In Russian)

LYC4 Brezhnev, D.D. {The evolution of the tomato.} Trudy Prikl.
1957 Bot. Genet. Selek., 31: 13-17. (In Russian)

LYC5 Brezhnev, D.D. {Tomato · Lycopersicon Tourn. In Brezhnev,
1958 D.D., ed. Flora of cultivated plants XX. Vegetable plants Fam. Solanaceae.} Moscow, State Agricultural Publishing Office, p.7-288. (In Russian)

LYC6 Brezhnev, D.D. & Batygina, T.B. {Methods of overcoming the
1954 non-crossing of the cultivated tomato L. esculentum with the wild species L. hirsutum and L. peruvianum.} Trudy Prikl. Bot. Genet. Selek., 31: 125-135. (In Russian)

LYC7 Brezhnev, D.D. & Glushchenko, E.J. {Wild and semicultivated
1973 tomatoes and their use in breeding.} Trudy Prikl. Bot. Genet. Selek., 49: 28-61. (In Russian)

LYC8 Doolittle, S.P. The use of wild Lycopersicon species for
1954 tomato disease control. Phytopathology, 44: 409-414.

LYC9 Esquinas-Alcazar, J.T. Genetic resources of tomatoes and
1981 wild relatives. Rome, IBPGR. 65pp.

LYC10 Georgieva, R. {The genus Lycopersicon Mill., biosystematic
1976 and genetic study.} Sofia, Bulgaria, 262pp. (In Russian, English summaries)

LYC11 Humphrey, L.M. Cytology and morphology of tomato species.
1937 Cytologia, 8: 306-318.

LYC12 Ivanova, K.V. {Wild species of tomato and their
1954 significance for breeding.} Trudy Prikl. Bot. Genet. Selek., 31: 95-124. (In Russian)

LYC13 Jenkins, J.A. The origin of the cultivated tomato. Econ.
1948 Bot., 2: 379-392.

LYC14 Khush, G.S. & Rick, C.M. Meiosis in hybrids between
1963 Lycopersicon esculentum and Solanum pennellii. Genetica, 33: 167-183.

LYC15 Lindstrom, E.W. A fertile tetraploid tomato. J. Hered., 23:
1932 115-121.

LYC16 Lindstrom, E.W. & Koos, K. Cytogenetic investigations of a
1931 haploid tomato and its diploid and tetraploid progeny. Am. J. Bot., 18: 398-400.

LYC17 Luckwill, L.C. The evolution of the cultivated tomato. J.
1943 R. Hortic. Soc., 68: 19-25.

LYC18 Luckwill, L.C. The genus Lycopersicon. Aberdeen.
1943 University Press, Aberdeen University studies no.120. 44pp.

LYC19 Mital, S.P., Thomas, T.A. & Srivastava, G. Assessment of
1965 genetic stocks of tomato (Lycopersicon esculentum Mill.) and its wild relatives. New Delhi, Indian Counc. Agric. Res., Tech. Bull. no.1. 28pp.

LYC20 Muller, C.H. A revision of the genus Lycopersicon. U.S.
1940 Dep. Agric. Misc. Publ. no.382.

LYC21 Muller, C.H. Taxonomy and distribution of the genus
1940 Lycopersicon. Nat. Hortic. Mag., 19: 157-160.

LYC22 Papp, E. {Examination of seeds of some wild tomato
1969 species.} Agrobotanika, 11: 181-185. (In Hungarian)

LYC23 Quiros, C.F. Exine pattern of a hybrid between Lycopersicon
1975 esculentum and Solanum pennellii. J. Hered., 66: 45-47.

LYC24 Rick, C.M. Pollination relations of Lycopersicon esculentum
1950 in native and foreign regions. Evolution, Lancaster, Pa., 4: 110-122.

LYC25 Rick, C.M. Hybrids between Lycopersicon esculentum Mill.
1951 and Solanum lycopersicoides Dun. Proc. Nat. Acad. Sci., USA, 37: 741-744.

LYC26 Rick, C.M. Genetic and systematic studies on accessions of
1956 Lycopersicon from the Galapagos Islands. Am. J. Bot., 43: 687-696.

LYC27 Rick, C.M. The role of natural hybridization in the
1958 derivation of cultivated tomatoes of western South America. Econ. Bot., 12: 346-367.

LYC28 Rick, C.M. 1960 Hybridization between Lycopersicon esculentum and Solanum pennellii: phylogenetic and cytogenetic significance. Proc. Nat. Acad. Sci., USA, 46: 78-82.

LYC29 Rick, C.M. 1963 Biosystematic studies on Galapagos tomatoes. Occas. Pap. Calif. Acad. Sci., 44: 59-77.

LYC30 Rick, C.M. 1963 Barriers to interbreeding in Lycopersicon peruvianum. Evolution, Lancaster, Pa., 17: 216-232.

LYC31 Rick, C.M. 1973 Potential genetic resources in tomato species: clues from observtions in native habitats. In Srb, A.M., ed. Genes, enzymes, and populations. New York, Plenum Press, p.255-269.

LYC32 Rick, C.M. 1976 Tomato. In Simmonds, N.W., ed. Evolution of crop plants. London, Longman, p.268-273.

LYC33 Rick, C.M. 1977 Conservation of tomato species germplasm. Calif. Agric., 31: 32-33.

LYC34 Rick, C.M. 1977 A key to the species of Lycopersicon (and Solanum pennellii). Solanaceae Newsl., 4: 11-12.

LYC35 Rick, C.M. 1978 The tomato. Scient. Am., 239: 76-87.

LYC36 Rick, C.M. 1979 Evolution of interspecific barriers in Lycopersicon. In Zeven, A.C. & Harten, A.M. van. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.283-286.

LYC37 Rick, C.M. 1979 Tomato germplasm resources. In 1st Int. Symp. tropical tomato, 23-27 October 1978, Shanhua, Taiwan. AVRDC, p.214-224.

LYC38 Rick, C.M. 1979 Biosystematic studies in Lycopersicon and closely related species of Solanum. In Hawkes, J.G., Lester, R.N. & Skelding, A.D., eds. The biology and taxonomy of the Solanaceae. London, Academic Press, p.667-678.

LYC39 Rick, C.M. & Bowman, R.I. 1961 Galapagos tomatoes and tortoises. Evolution, 15: 407-417.

LYC40 Rick, C.M. & Butler, L. 1956 Cytogenetics of the tomato. Adv. Genet., 8: 267-382.

LYC41 Rick, C.M. & Fobes, J.F. 1975 Allozymes of Galapagos tomatoes: polymorphism, geographic distribution, and affinities. Evolution, Lancaster, Pa., 29: 443-457.

LYC42 Rick, C.M. & Fobes, J.F. Allozyme variation in the
1975 cultivated tomato and closely related species. Bull. Torrey Bot. Club, 102: 376-384.

LYC43 Rick, C.M. & Lamm, R. Biosystematic studies on the status
1955 of Lycopersicon chilense. Am. J. Bot., 42: 663-675.

LYC44 Rick, C.M. & Notani, N.K. The tolerance of extra
1961 chromosomes by primitive tomatoes. Genetics, Princeton, 46: 1231-1235.

LYC45 Rick, C.M., Fobes, J.F. & Holle, M. Genetic variation in
1977 Lycopersicon pimpinellifolium: evidence of evolutionary change in mating systems. Plant Syst. Evo., 127: 139-170.

LYC46 Sawart, A.C. Cytogenetics of hybridisation between
1958 Lycopersicon esculentum and Lycopersicon hirsutum. Genetica, 43: 502-514.

LYC47 Sotirova, V. & Beleva, L. Resistance of wild species,
1975 varieties and cultivars of tomato to Xanthomonas vesicatoria (Doidge) Dowson. C.R.Acad. Agric. Georgi Dimitrov, 8: 43-47.

LYC48 Stoner, A.K. Tomatoes - Andes mountains to American tables.
1976 Am. Hort., 55: 8-13.

LYC49 Tal, M. Genetic differentiation and stability of some
1967 characters that distinguish Lycopersicon esculentum Mill. from Solanum pennellii Cor. Evolution, Lancaster, Pa., 21: 316-333.

LYC50 Upcott, M. The cytology of triploid and tetraploid
1935 Lycopersicon esculentum. J. Genet., 31: 1-19.

LYC51 Wann, E.V. & Johnson, K.W. Intergeneric hybridization
1963 involving species of Solanum and Lycopersicon. Bot. Gaz., 124: 451-455.

Other relevant references :

M22,M33,M100,Q41,Q112,Q113,Q114

EGGPLANTS AND ALLIES

SOL1 Bhaduri, P.N. Inter-relationship of non-tubiferous species
1951 of Solanum with some consideration on the origin of brinjal (S. melongena L.). Indian J. Genet. Plant Breed., 11: 75-82.

SOL2 Brezhnev, D.D., ed. {Flora of cultivated plants XX. 1958 Vegetable plants Fam. Solanaceae. (tomato, common eggplant, black nightshade, pepino, pepper, husk tomato, mandrake).} Moscow, State Agricultural Publishing Office. 531pp. (In Russian)

SOL3 Choudhury, B. Eggplant. In Simmonds, N.W., ed. Evolution of 1976 crop plants. London, Longman, p.278-279.

SOL4 Filov, A.I. {Eggplant - Solanum melongena L. In Brezhnev, 1958 D.D., ed. Flora of cultivated plants XX. Vegetable plants Fam. Solanaceae.} Moscow, State Agricultural Publishing Office, p.292-370. (In Russian)

SOL5 SEE OTRZ

SOL6 Kameraz, A.Y. {Pepino - Solanum muricatum Ait. In Brezhnev, 1958 D.D., ed. Flora of cultivated plants XX. Vegetable plants Fam. Solanaceae.} Moscow, State Agricultural Publishing Office, p.386-393. (In Russian)

SOL7 Khan, R. Solanum melongena and the problem of its origin 1979 and phylogenetic affinities. J. Indian Bot. Soc., 58: 99-109.

SOL8 Martin, F.W. & Rhodes, A.M. Subspecific grouping of 1979 eggplant cultivars. Euphytica, 28: 367-383.

SOL9 Medvedev, P.F. {Husk tomato - Physalis L. In Brezhnev, 1958 D.D., ed. Flora of cultivated plants XX. Vegetable plants Fam. Solanaceae.} Moscow, State Agricultural Publishing Office, p.488-506. (In Russian)

SOL10 Omidiji, M.O. Evidence concerning the hybrid origin of the 1976 garden egg (Solanum melongena L.). Nigerian J. Sci., 10: 123-135.

SOL11 Reayat Khan Solanum melongena and its ancestral forms. In 1979 Hawkes, J.G., Lester, R.N. & Skelding, A.D., eds. The biology and taxonomy of the Solanaceae. London, Academic Press, p.629-636.

OTHER VEGETABLES

OVG1 Gorske, S.F., Rhodes, A.M. & Hopen, H.J. A numerical 1979 taxonomic study of Portulaca oleracea. Weed Sci., 27: 96-102.

OVG2 Howard, H.W. Watercress. In Simmonds, N.W., ed. Evolution 1976 of crop plants. London, Longman, p.62-64.

OVG3 Turner, D.M. The economic rhubarbs: a historical survey of 1938 their cultivation in Britain. J.R. Hort. Soc., 63: 355-370.

9 TROPICAL FRUITS

TROPICAL FRUITS - GENERAL

TRO1 Allen, B.M. Malayan fruits. Singapore, Moore Press, p.195-
1967 205.

TRO2 Fouque, A. Especes fruitieres d'Amerique tropicale, XIX.
1974 Fruits, 29: 214-226.

TRO3 Grant, J.W. & Williams, A.N.P. Burma fruits and their
1949 cultivation. Dep. Agric. Burma. Bull. no.30

TRO4 Ho Coy Choke. Locally originated tropical fruits. In
1973 Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome. FAO/IBP, p.160-164.

TRO5 Jong, K., Stone, B.C. & Soepadmo, E. Malaysian tropical
1973 forest: an underexploited genetic reservoir of edible-fruit tree species. Proc. Symp. Biological Research and National Development, 1973, p113-121.

TRO6 Kennard, W.C. & Winters, H.F. Some fruits and nuts for the
1960 tropics. Washington, U.S. Dep. Agric. Misc. Publ. no.801. 135pp.

TRO7 Lum, L.C. Fruits in peninsular Malaysia. In Williams,
1975 J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.47-52.

TRO8 Naik, K.C. South Indian fruits and their culture. Madras,
1949 Varadachary.

TRO9 Ochse, J.J. Fruits and fruitculture in the Dutch East
1931 Indies. Batavia, Kolff.

TRO10 Parmar, C. & Kaushal, M.K. Wild fruits of the sub-Himalayan
1982 region. New Delhi, Kalyani Publishers. 136pp.

TRO11 Poiprasid, P. Germplasm collection of tropical fruits in
1981 Thailand. IBPGR Southeast Asian Newsl., 5, no.1: 11-12.

TRO12 Popenoe, W. Manual of tropical and subtropical fruits. New
1955 York, Macmillan.

TRO13 Pratt, D.S. & Del Rosario, J.I. Philippine fruits, their
1913 composition and characteristics. Philipp. J. Sci., 8: 76.

TRO14 Samson, J.A. Tropical fruits. London, Longman. 250pp.
1980

TRO15 Sastrapradja, S. {Fruit trees in Indonesia, today and
1973 tomorrow.} Bulletin Kebun Raya, Bogor, Indonesia, 1: 1-5. (In Indonesian)

TRO16 Sastrapradja, S. Tropical fruit germplasm in South East
1975 Asia. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.33-46.

TRO17 Sastrapradja, S., Sutisna, U., Panggabean, G., Mogea, J.P.,
1980 Sukardjo, S. & Sunarto, A.T. Fruits. (Engl. version: Rifai, M.A. & Lubis, I.; Lamoureux, C.H., ed.) Rome, IBPGR. 127pp.

TRO18 Sloten, D.H.van. Genetic resources of tropical fruits.
1980 Plant Genet. Resour. Newsl., 44: 12-14.

TRO19 Soepadmo, E. Genetic resources of Malaysian fruit trees.
1979 Malaysian Appl. Biol., 8: 33-42.

TRO20 Yadrov, A.A. & Golubev, V.N. {Conservation of the genetic
1980 diversity of subtropical fruit crops.} Byull. Glavnogo Bot. Sada, 115: 67-70. (In Russian)

Other relevant references :

A143,A221,A223,A268,J20,J45,J92,K1,L22,L25,L45,N39,T2,T5

ACHRAS

ACH1 Moore, H.E.Jr. & Stearn, W.T. The identity of Achras zapote
1967 L. and the names for the sapodilla and the sapote. Taxon, 16: 382-395.

ANANAS

ANA1 Baker, K. & Collins, J.L. Notes on the distribution and
1939 ecology of Ananas and Pseudananas in South America. Am. J. Bot., 26: 697-702.

ANA2 Bertoni, M.S. Contributions a l'etude botanique des plantes
1919 cultivees. Part 1. Essai d'une monographie du genre Ananas. An Cient. Paraguay, Ser. 2, 4: 250-322.

ANA3 Collins, J.L. Pineapples in ancient America. Sci. Mon.
1948 N.Y., 67: 372-377.

ANA4 Collins, J.L. History, taxonomy and culture of the
1949 pineapple. Econ. Bot., 3: 335-359.

ANA5 Collins, J.L. The antiquity of the pineapple in America.
1951 Southwest J. Anthropol. 7: 145-155

ANA6 Collins, J.L. Pineapple. London, Leonard Hill.
1960

ANA7 Collins, J.L. & Kerns, K.R. Genetic studies of the
1931 pineapple. 1. A preliminary report upon chromosome number and meiosis in seven pineapple varieties (Ananas sativus Lindl.) and Bromelia pinguin L. J. Hered., 22: 139-142.

ANA8 Heilborn, O. Notes on the cytology of Ananas sativus Lindl.
1921 and the origin of its parthenocarpy. Ark. Bot., 17: 1-7.

ANA9 Leal, F. & Antoni, M.G. Especies del genero Ananas: origen
1981 y distribucion geografica. Rev. Fac. Agron. Univ. Central Venezuela, Alcance no.29: 5-12.

ANA10 Oka, H. & Nakanishi, T. {Cultivation, varieties and
1980 classification of pineapple.} Agric. Hortic. (Japan), 55: 543-549.

ANA11 Pickersgill, B. Pineapple. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.14-18.

ANA12 Smith, L.B. Notes on the taxonomy of Ananas and
1939 Pseudananas. Bot. Mus. Leafl., Harv. Univ., 7: 73-81.

ANA13 Smith, L.B. The Bromeliaceae of Brazil. Smithsonian Misc.
1955 Collect., no.126, 1-290.

ANA14 Velez, I. Wild pineapples in Venezuela. Science, N.Y.,
1946 104: 427-428.

ARTOCARPUS

ART1 Bailey, L.H. Artocarpus. In Manual of cultivated plants.
1949 New York, MacMillan. 338pp.

ART2 Barrau, J. Breadfruit and relatives. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.201-202.

ART3 Berry, H.M. The bread fruit tree. Horticulture, 19: 56-57.
1971

ART4 Burkill, I.H. Artocarpus. In A dictionary of the economic
1935 products of the Malay Peninsula vol.1. Malayasia, Kuala Lumpur, p.249-261.

ART5 Coenen, J. & Barrau, J. The breadruit tree in Micronesia.
1961 South Pacific Bull., Oct.: 37-39, 65-67.

ART6 Fosberg, F.R. Introgression in Artocarpus (Moraceae) in
1960 Micronesia. Brittonia, 12: 1247-1256.

ART7 Heyne, K. Artocarpus. In De Nuttige Planten Van
1950 Nederlandsch Indie, p.554-565.

ART8 Jarrett, F.M. Studies in Artocarpus and allied genera I.
1959 General considerations. J. Arnold Arbor., 40: 1-29.

ART9 Jarrett, F.M. A revision of Artocarpus subgenus Artocarpus.
1959 J. Arnold Arbor., 40: 113-155, 298-368.

ART10 Jarrett, F.M. A revision of Artocarpus subgenus Pseudojaca.
1960 J. Arnold Arbor., 41: 73-140.

ART11 Kosterman, A.J.G.H. Artocarpus. In Miscellaneous botanical
1966 notes. 2. Reinwardtia, 5: 375-411.

ART12 Mortenzen, E. & Bullard, E.T. Artocarpus. In Handbook of
1970 tropical and subtropical horticulture. Washington, D.C. Department of State Agency for International Development. 18pp.

ART13 Ochse, J.J. et al. Artocarpus. In Tropical and subtropical
1961 agriculture, vol.1. New York, MacMillan, p.647-655.

ART14 Parham, J.W. Coconut and breadfruit surveys in the South
1966 Pacific region. South Pacific Commission, Noumea, New Caledonia. Technical Information Paper No.1.

Other relevant references :

A316,COC55

CARICA

CAR1 Badilla, V.M. Acerca de la naturaleza del hibrido de Carica
1967 pentagona, C. chrysophylla y C. fructifragrans, frutales del Ecuador y Colombia. Rev. Fac. Agron. Maracay, 4: 92-103.

CAR2 Storey, W.B. Papaya. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.21-24.

CITRUS

CIT1 Barrett, H.C. & Rhodes, A.M. A numerical taxonomic study of
1976 affinity relationships in cultivated Citrus and its close relatives. Syst. Bot., 1: 105-136.

CIT2 Bartholomew, E.T. & Sinclair, W.C. The lemon fruit.
1951 California, Univ. of California Press.

CIT3 Barton, L.V. The storage of some Citrus seeds. Contrib.
1943 Boyce Thompson Inst., 13: 47-55.

CIT4 Bhattacharya, S.C. & Dutta, S. Citrus varieties of Assam.
1951 Indian J. Genet. Plant Breed., 11: 57-62.

CIT5 Blondel, L. Classification botanique des especes du genre
1978 Citrus. Fruits, 33: 695-720.

CIT6 Braverman, J.B.S. Citrus products. New York, Interscience.
1949

CIT7 Cameron, J.W. Present status and future outlook for
1974 germplasm reserves in citrus. Fruit Var. J., 28: 86-89.

CIT8 Cameron, J.W. & Scora, R.W. A comparison of rind oil
1968 components of diploid and tetraploid Citrus by gas-liquid chromatography. Taxon, 17: 128-135.

CIT9 Cameron, J.W. & Soost, R.K. Citrus, Citrus spp. In
1969 Ferwerda, F.P. & Wit, F., eds. Outlines of perennial crop breeding in the tropics. Wageningen, p.129-162.

CIT10 Cameron, J.W. & Soost, R.K. Citrus. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.261-265.

CIT11 Cohen, A. Studies on the viability of Citrus seeds and
1958 certain properties of their coats. Bull. Res. Counc. Israel Sect. D., Bot., 5: 200-209.

CIT12 Dass, H.C., Randhawa, G.S. & Prakash, D. Phylogenetic
1977 studies in Citrus reticulata and related types. Euphytica, 26: 805-810.

CIT13 Hume, H.H. Citrus fruits. 2nd ed. New York, Macmillan.
1957

CIT14 IBPGR 1982 Genetic resources of Citrus. Rome, IBPGR. 13pp.

CIT15 Kozhin, A.E. 1933 {The cultivation of citrus plants in our subtropics and its prospects.} Trudy Prikl. Bot. Genet. Selek., 7: 151-163. (In Russian)

CIT16 Kozhin, A.E. 1936 {The origin of Citrus cultures and the modern centres of their diversity.} Priroda, 8: 29-40. (In Russian)

CIT17 Malik, M.N., Scora, R.W. & Soost, R.K. 1974 Studies on the origin of the lemon. Hilgardia, 42: 361-382.

CIT18 Monselise, S.P. 1960 Citrus germination and emergence as influenced by temperature and seed treatments. Bull. Res. Counc. Israel, Sect. D. Bot. 7: 29-34.

CIT19 Mungomery, W.V., Agnew, G.W. & Prodonoff, E.T. 1967 Maintenance of Citrus seed viability. Queensland J. Agr. Anim. Sci., 23: 103-120.

CIT20 Rainer, W.S. 1975 Volatile oil components in Citrus taxonomy. Int. Flavours Food Additives, 6: 342-346.

CIT21 Reece, P.C. 1969 Classification of Citrus. Proc. 1st Int. Citrus Symp., 1: 429-434.

CIT22 Scora, R.W. 1975 On the history and origin of citrus. Bull. Torrey Bot. Club, 102: 369-375.

CIT23 Scora, R.W. & Malik, M.N. 1970 Chemical characterization of Citrus as a tool in phylogeny. Taxon, 19: 215-228.

CIT24 Scora, R.W. & Torrisi, S. 1966 Relation of taxonomic, climatic and tissue maturity factors to the essential oil constituents in leaves and fruits in the Aurantioideae. Proc. Am. Soc. Hortic. Sci., 88: 262-271.

CIT25 Scora, R.W., Cameron, J.W. & Berg, J.A. 1970 Rind and leaf oils of triploid interspecific Citrus hybrids and their diploid and tetraploid parents. Taxon, 19: 752-761.

CIT26 Scora, R.W., England, A.B. & Chang, D. 1969 Taxonomic affinities within the rough lemon group (Citrus jambhiri Lush., as aided by gas chromatography of their essential leaf oils. Proc. 1st Int. Citrus Symp., 1: 441-450.

CIT27 Scora, R.W., Kumamoto, J., Soost, R.K. & Nauer, E.M. 1982 Contribution to the origin of the grapefruit, Citrus paradisi (Rutaceae). Syst. Bot., 7: 170-177.

CIT28 Singh, B. Establishment of first gene sanctuary in India
1981 for citrus in Garo Hills. New Delhi, Concept Publishing Company. 182pp.

CIT29 Singh, R. & Nath, N. Practical approach to the
1969 classification of Citrus. Proc. 1st Int. Citrus Symp., 1: 435-440.

CIT30 Soost, R.K. & Cameron, J.W. Citrus. In Janick, J. & Moore,
1975 J.N., eds. Advances in fruit breeding. West Lafayette, Indiana, Purdue University Press, p.507-540.

CIT31 Stone, B.C. A new wild Citrus from Malaya. Planter, Kuala
1972 Lumpur, 48: 90-92.

CIT32 Swingle, W.T. Botany of Citrus and other species in
1943 Aurantioideae. In Webber, H.J. et al. eds. The citrus industry. Berkeley, University of California Press, vol.1, p.129-174.

CIT33 Swingle, W.T. & Reece, P.C. The botany of Citrus and its
1967 wild relatives. In Reuther, W., ed. The citrus industry. Revised ed. California, Univ. Calif. Press, vol.1: 190-430.

CIT34 Tanaka, T. {On the centre of the origin of the citrus
1931 fruits.} Studia Citrol., 4: 179-205. (In Japanese)

CIT35 Tanaka, T. {On the centre of the origin of cultivated
1932 plants, with special reference to Citrus.} Proc. Jap. Ass. Adv. Sci., 7: 391-398. (In Japanese)

CIT36 Tanaka, T. {On the origin and the future of Japanese Citrus
1936 flora.} Studia Citrol., 7: 155-175. (In Japanese)

CIT37 Tanaka, T. Species problems in Citrus. Japanese Soc.
1954 Promotion Sci., Tokyo, p.152.

CIT38 Tanaka, T. The origin and dispersal of citrus fruits,
1958 having their centre of origin in India. Indian J. Hortic., 15: 101-114.

CIT39 Tolkowsky, S. Hesperides. A history of the culture and use
1937 of Citrus fruits. London, Staples & Staples.

CIT40 Webber, H.J. Cultivated varieties of Citrus. In Webber,
1948 H.J. et al. eds. The citrus industry. Berkeley, University of California Press, vol.1, p.1475.

Other relevant references :

D64,L79,L108,L111,L113,L129,L176,Q133,R28

DURIO

DUR1 Allen, B.M. Durio. In An introduction to the cultivated
1967 species. Singapore, Moore, p.94-99.

DUR2 Burkill, I.H. Durio. In A dictionary of the economic
1935 products of the Malay Peninsula, vol.1., p.871-874.

DUR3 Kostermans, A.J.G.H. Notes of durian (Durio) species of
1953 East Borneo. Trop. Natuur, 33: 31-36.

DUR4 Kostermans, A.J.G.H. The genus Durio Adans. Reinwardtia,
1958 3: 257-460.

DUR5 Ochse, J.J. et al. Durio. In Tropical and subtropical
1961 agriculture, vol.1, New York, Macmillan, p.569-573.

DUR6 Polprasid, P. Durian in Thailand - collection through
1981 contest. IBPGR Southeast Asian Newsl., 5, no.4: 4.

DUR7 Reksodihardjo, W.S. The species of Durio with edible
1962 fruits. Econ. Bot., 16: 270-282.

DUR8 Soegeng-Reksodihardja, W. The species of Durio with edible
1962 fruits. Econ. Bot., 16: 270-282.

DUR9 Valmayor, R.V., Coronel, R.E. & Ramirez, D.A. Studies on
1965 floral biology, fruit set and fruit development in durian (Durio zibethinus). The Philippine Agriculturist, Jan.-Feb. no.8/9: 355-366.

MANGIFERA

MNG1 Bembower, W. & Champoopho, A. Mango varieties in Thailand.
1955 Indian J. Hortic., 12: 58.

MNG2 Bhat, S.S. Classification of mangoes. Curr. Sci., 13: 135.
1944

MNG3 Fairchild, D. Mango relatives of Cochin China, those with
1948 five stamen flowers. Proc. Fla. State Hortic. Soc., 61: 250.

MNG4 Joshi, W.V. Longevity of mango seeds. Poona Agric. Coll.
1938 Mag., 30: 18.

MNG5 Laroussilne F. de. Le manguier. Paris, G. P. Maisonneuve
1980 & Larose. 312pp.

MNG6 Mukherjee, S.K. The varieties of mango (Mangifera indica
1948 L.) and their classification. Bull. Bot. Soc. Bengal, 2.

MNG7 Mukherjee, S.K. The Mango and its relatives. Sci. Cult.,
1949 15: 5.

MNG8 Mukherjee, S.K. A monograph of the genus Mangifera.
1949 Lloydia, 12: 73.

MNG9 Mukherjee, S.K. Mango: its allopolyploid nature. Nature,
1950 Lond., 166: 196-197.

MNG10 Mukherjee, S.K. Wild mangoes of India. Sci. Cult., 15: 469-
1950 471.

MNG11 Mukherjee, S.K. Cytological investigation of the mango
1950 (Mangifera indica L.) and the allied Indian species. Proc. Natn. Inst. Sci. India, 16: 287.

MNG12 Mukherjee, S.K. The origin of the mango. Indian J. Genet.
1951 Plant Breed., 11: 49-56.

MNG13 Mukherjee, S.K. Mango - its botany, cultivation, uses and
1953 future improvement. Econ. Bot., 7: 130-162.

MNG14 Mukherjee, S.K. Origin, distribution and phylogenetic
1953 affinity of the species of Mangifera L. J. Linn. Soc. Bot., 55: 65-83.

MNG15 Mukherjee, S.K. The origin of mango. Indian J. Hort., 15:
1958 129-134.

MNG16 Mukherjee, S.K. Origin of mango (Mangifera indica). Econ.
1972 Bot., 26: 260-264.

MNG17 Naik, K.C. & Gangolly, S.R. A monograph on classification
1950 and nomenclature of South Indian mangoes. Madras, Supt. Govt. Press.

MNG18 Rhodes, A.M., Campbell, C., Malo, S.E. & Carmer, S.G. A
1970 numerical taxonomic study of the mango Mangifera indica L. J. Am. Soc. Hortic. Sci., 95: 252-256.

MNG19 Singh, L.B. Vegetative propagation of mango (Mangifera
1953 indica L.) by air-layering (gootee). Science, N.Y., 177: 158.

MNG20 Singh, L.B. The mango. London, Leonard Hill. 420pp.
1968

MNG21 Singh, L.B. Mango. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.7-9.

MNG22 Singh, L.B. & Khan, A.A. Mango budding in situ. Indian
1943 Farming, 4: 199.

MNG23 Singh, L.B. & Khan, A.A. Mango budding in situ, a new
1946 technique likely to revolutionize the mango industry. Punjab Fruit J., 10: 14.

Other relevant reference :

Q131

MUSA

MUS1 Agharkar, S.P. & Bhaduri, P.N. Variation of chromosome
1935 numbers in Musaceae. Curr. Sci., 3: 615-617.

MUS2 Argent, G.C.G. The wild bananas of Papua New Guinea.
1976 Notes. R. Bot. Gard. Edinburgh, 35: 77-114.

MUS3 Baker, R.E.D. & Simmonds, N.W. The genus Ensete in Africa.
1953 Kew Bull., 8: 405-416.

MUS4 Bernardo, F.A. Plant characters, fiber and cytology of Musa
1957 balbisiana x Musa textilis F1 hybrids. Philipp. Agric., 41: 117-156.

MUS5 Bonner, J.W., Warner, R.M. & Brewbaker, J.L. A
1974 chemosystematic study of Musa cultivars. HortScience, 9: 325-328.

MUS6 Borges Fuentes, O.L. Los recursos geneticos en Musa y el
1977 Mejoramiento para resistencia a enfermedades. In Induced mutations against plant diseases. Proc. Symp. on the use of induced mutations for improving disease resistance in crop plants. Vienna, International Atomic Energy Agency, p.227-231.

MUS7 Brewbaker, J.L. & Gorrez, D.D. Classification of Philippine
1956 Musae 3. (A) Saguing maching (Musa banksil F.v.M.) (B) Alisanay, a putative hybrid of M. textilis and M. banksii. Philipp. Agric., 40: 258-286.

MUS8 Brewbaker, J.L. & Umali, D.L. Classification of Philippines
1956 Musae 1. The genera Musa L. and Ensete Horan. Philipp. Agric., 40: 231-241.

MUS9 Brewbaker, J.L., Gorrez, D.D. & Umali, D.L. Classification
1956 of Philippines Musae 2. Canton and Minay, putative hybrid forms of Musa textilis Nee and Musa balbisiana Colla. Philipp. Agric., 40: 242-257.

MUS10 Chakravorti, A.K. A preliminary note on the occurrance of
1948 the genus Musa L. in India and the features in its distribution. J. Indian Bot. Soc., 27: 84-90.

MUS11 Chakravorti, A.K. Origin of the cultivated bananas of South
1951 East Asia. Indian J. Genet. Plant Breed., 11: 34-46.

MUS12 Champion, J. Le bananier. Paris, Maisonneuve Larose.
1963 258pp.

MUS13 Chandraratna, M.F. The origin of cultivated races of
1951 banana. Indian J. Genet. Plant Breed., 11: 29-33.

MUS14 Cheesman, E.E. Principles of banana breeding. Trop.
1934 Agric., 2: 3-20.

MUS15 Cheesman, E.E. The classification of the bananas. Kew
1947-50 Bull., 2: 97-117, 3: 11-28, 145-157, 323-328, 4: 23-28, 133-137, 265-272, 445-452, 5: 27-31, 151-155.

MUS16 Cheesman, E.E. & Larter, L.N.H. Genetic and cytological
1935 studies of Musa. 3. Chromosome numbers in the Musaceae. J. Genet., 30: 31-52.

MUS17 Dodds, K.S. Genetical and cytological studies of Musa. 5.
1943 Certain edible diploids. J. Genet., 45: 113-138.

MUS18 Dodds, K.S. & Pittendrigh, C.S. Genetical and cytological
1946 studies of Musa 7. Certain aspects of polyploidy. J. Genet., 47: 162-177.

MUS19 Dodds, K.S. & Simmonds, N.W. Genetical and cytological
1948 studies of Musa 9. The origin of an edible diploid and the significance of interspecific hybridisation in the banana complex. J. Genet., 48: 285-296.

MUS20 Hill, A.W. The original home of the banana. Nature, Lond.,
1926 117: 757.

MUS21 IBPGR Genetic resources of bananas and plantains. Rome,
1978 IBPGR. 19pp.

MUS22 Krishnamurthi, S. & Seshadri, V.S. Origin and evolution of
1958 cultivated bananas. Indian J. Hortic., 15: 135-145.

MUS23 Kurz, S. Note on the plantains of the Indian Archipelago.
1865 J. Agric. Hort. Soc. W. India, 14: 295-301.

MUS24 Lane, I.E. Genera and generic relationships in Musaceae.
1955 Mitt. Bot. Staatssamml., Munchen, 13: 114-131.

MUS25 Langhe, E. de. Bananas, Musa spp. In Ferwerda, F.P. & Wit,
1969 F., eds. Outlines of perennial crop breeding in the tropics, Wageningen, 53-78.

MUS26 Langhe, E. de & Devreux, M. Une sous-espece nouvelle de
1960 Musa acuminata Colla. Bull. Jard. Bot. Etat, Brux., 30: 3.

MUS27 Langhe, E. de. & Valmayor, R.V. French plantains in
1980 Southeast Asia. IBPGR Southeast Asian Newsl., 4, no.1: 3-4.

MUS28 Langhe, E. de., Karikari, S.K., Guillemot, J., Valmayor, R.
1976 & Champion, J. Classification. Paradisiaca, 1: 5-6.

MUS29 Loesecke, H.W. von. Bananas. New York, Interscience.
1966

MUS30 McMaster, D.N. Speculations on the coming of the banana to
1962 Uganda. J. Trop. Geog., 16: 57-69.

MUS31 Moore, H.E. Musa and Ensete. The cultivated bananas.
1957 Baileya, 5: 167-194.

MUS32 Nakai, T. The kind of bananas being wild or cultivated in
1948 West Java and their belongings. Bull. Tokyo Sci. Mus., 22: 5-21.

MUS33 Pancho, J.V. & Capinpin, J.M. Cytotaxonomic study of the
1959 fiber-producing Musa in the Philippines 1. Chromosome numbers in the section Australimusa. Philipp. Agric., 43: 397-403.

MUS34 Reynolds, P.K. Earliest evidence of banana culture.
1951 Suppl.no.12. J. Am. Orient. Soc., 71: 28pp.

MUS35 Richardson, J.M. The fibres of Australimusa in relation to
1957 abaca improvement. Trop. Agric. Trin., 34: 207-215.

MUS36 Roy, R.S. & Sharma, C. Chromosome studies of Bihar bananas.
1951 Indian J. Genet. Plant Breed., 11: 34-46.

MUS37 Shepherd, K. Banana cultivars in East Africa. Trop.
1957 Agric., Trin., 34: 277-286.

MUS38 Silayoi, B., Babpraseri, C. & Rivera, F. Thai banana names
1981 and synonyms. IBPGR Southeast Asian Newsl., 5, no.4: 10-12.

MUS39 Simmonds, N.W. The germination of banana seeds. Trop.
1952 Agric., Trin., 29: 2-16.

MUS40 Simmonds, N.W. Wild bananas in Malaya. Malay. Nat. J., 10:
1955 1-8.

MUS41 Simmonds, N.W. A banana collecting expedition to South East
1956 Asia and the Pacific. Trop. Agric., Trin., 33:
251-271.

MUS42 Simmonds, N.W. Botanical results of the banana collecting
1956 expedition., 1954-1955. Kew Bull., 3, 463-489.

MUS43 Simmonds, N.W. Experiments on the germination of banana
1959 seeds. Trop. Agric., Trin., 36: 259-273.

MUS44 Simmonds, N.W. Notes on banana taxonomy. Kew Bull., 14:
1960 198-212.

MUS45 Simmonds, N.W. The evolution of the bananas. London,
1962 Longmans Green, 165pp.

MUS46 Simmonds, N.W. Bananas. 2nd ed. London, Longmans Green.
1966 512pp.

MUS47 Simmonds, N.W. Bananas. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.211-215.

MUS48 Simmonds, N.W. & Shepherd, K. An Asian banana (Musa
1952 acuminata) in Pemba, Zanzibar Protectorate. Nature,
Lond., 169: 507.

MUS49 Simmonds, N.W. & Shepherd, K. The taxonomy and origins of
1955 the cultivated bananas. J. Linn. Soc. Bot., 55:
302-312.

MUS50 Tomlinson, P.B. An anatomical approach to the
1959 classification of the Musaceae. J. Linn. Soc.
Bot., 55: 779-809.

MUS51 Valmayor, R.V. Bananas in Thailand and Malaysia. Plant
1979 Genet. Resour. Newsl., 39: 17-18.

MUS52 Valmayor, R.V. Banana and plantain collections in
1979 Indonesia. Plant Genet. Resour. Newsl., 36: 10-14.

MUS53 Valmayor, R.V., Mendoza, E.M. & Millare, V.E. A cytological
1956 study of abaca and its relatives. Philipp. Agric.,
40: 269-276.

MUS54 Valmayor, R.V., Rivera, F. & Lomuljo, F.M. Philippine
1980 banana cultivar names and synonyms. IBPGR Southeast
Asian Newsl., 4, no.4: 4-11.

MUS55 Venkataramani, K.S. The banana complex. J. Indian Bot.
1955 Soc., 34: 79-84.

Other relevant references :

J140,M15,R46

NEPHELIUM

NEP1 Chin, H.F. 1975 Germination and storage of Rambutan (Nephelium lappaceum L.) seeds. Malaysian Agric. Res., 4: 173-180.

NEP2 Milsum, J.N. 1960 The rambutan. World Crops, 12: 254-255, 264.

PASSIFLORA

PAS1 Anon. 1967 Passion fruits and granadilla. Queensland Agric. J., 93: 130-141.

PAS2 Martin, F.W. & Nakasone, H.Y. 1970 The edible species of Passiflora. Econ. Bot., 24: 333-343.

Other relevant reference :

L201

PERSEA

PER1 Bergh, B.O. 1969 Avocado, Persea americana Miller. In Ferwerda, F.P. & Wit, F., eds. Outlines of perennial crop breeding in the tropics. Wageningen, 23-51.

PER2 Bergh, B.O. 1975 Avocados. In Janick, J. & Moore, J.N., eds. Advances in fruit breeding. West Lafayette, Indiana, Purdue University Press, p.541-567.

PER3 Bergh, B.O. 1976 Avocado. In Simmonds, N.W., ed. Evolution of crop plants. London, Longman, p.148-151.

PER4 Hodgson, R.W. 1950 The avocado - a gift from the Middle Americas. Econ. Bot., 4: 253-293.

PER5 Kopp, L.E. A taxonomic revision of the genus Persea in
1966 the western hemisphere. Mem. N.Y. Bot. Gard., 14: 1-117.

PER6 Rhodes, A.M., Malo, S.E., Campbell, C.W. & Carmer, S.G. A
1971 numerical taxonomic study of the avocado (Persea americana Mill.). J. Am. Soc. Hortic. Sci., 96: 391-395.

PER7 Schieber, E. & Zentmyer, G.A. The quetzal and the persea.
1979 Calif. Avocado Soc. Yearb. 1979. p.34-35.

PER8 Smith, C.E. Jr. Additional notes on pre-Columbian avocados
1969 in Mexico. Econ. Bot., 23: 135-140.

PER9 Williams, L.O. The avocados, a synopsis of the genus
1977 Persea, subgenus Persea. Econ. Bot., 31: 315-320.

Other relevant references:

D107,J164,J222

PSIDIUM

PSI1 Ruehle, G.D. The common guava - a neglected fruit with a
1948 promising future. Econ. Bot., 2: 306-325.

OTHER TROPICAL FRUITS

OTR1 Anderson, G.J. Systematic and evolutionary consideration
1979 of species of Solanum, section Basarthrum. In Hawkes, J.G., Lester, R.N. & Skelding, A.D., eds. The biology and taxonomy of the Solaneceae. London, Academic Press, p.549-562.

OTR2 Heiser, C.B. The relationships of the Naranjilla Solanum
1972 quitoense. Biotropica, 4: 77-84.

OTR3 Lyrene, P.M. The jujube tree (Zizyphus jujuba Lam.). Fruit
1979 Var. J., 33: 100-104.

OTR4 Smith, C.E. Jr. Archeological evidence for selection of
1968 Chupandilla [Cyrtocarpa procera] and Cosahuico [Sideroxylon C.F. tempisque] in Mexico. Econ. Bot., 22: 140-148.

OTR5 Whalen, M.D., Costich, D.E. & Heiser, C.B. Taxonomy of
1981 Solanum section Lasiocarpa. Gentes Herb., 12: 41-129.

10 TEMPERATE FRUITS

TEMPERATE FRUITS - GENERAL

TEM1 Akihama, T. & Nakajima, K. Tree crop genetic resources in
1981 Japan. In Williams, J.T. & Creech, J.L., eds. Crop genetic resources of the Far East and the Pacific. Rome, IBPGR, p.40-44.

TEM2 Alderman, D.C. Native edible fruits, nuts, vegetables,
1974 herbs, spices, and grasses of California. I. Fruit trees and nuts. Calif. Univ. Div. Agric. Sci., No.75-LE/2226, 14pp.

TEM3 Anon. {Wild fruit flora of Macedonia.} Skopje, Yugoslavia,
1974 Zemjodelsko-Sumarski Fakultet no Univerzitetot. 313pp. (Special supplement to the series Godisen Zbornik.) (In Macedonian with English summaries)

TEM4 Bajracharya, D. Edible wild fruits of the Kathmandu valley.
1980 Fruits, 35: 465-479.

TEM5 Bakhteev, F.K. {The main fruit plants: geography, taxonomy,
19 origin, history of introduction, utilization.} Moscow, Prosveshchenie. 351pp. (In Russian)

TEM6 Brooks, H.J. Collecting wild fruits in the USSR. Hortic.
1968 Sci., 3: 20-22.

TEM7 Chevalier, A. L'origine des poiriers et pommiers sauvages
1953 de nos forets et la part qu'ils ont prise dans la formation des varieties cultivees. Rev. Bot. Appl. Agric. Trop., 33: 583-585.

TEM8 Cociu, V. Establishment, preservation and utilization of
1976 fruit germplasm in Romania. Fruit Var. J., 30: 32-33.

TEM9 Cociu, V. {Collection, conservation and rational use of
1979 fruit-tree germplasm in Romania.} Probleme Genet. Teoretica Aplicata, 11: 117-128. (In Rumanian, English summary)

TEM10 Fernqvist, I. (Report of the Swedish working party for
1980 vegetatively propagated species in the Scandinavian gene bank.) Nordisk Jordbrugsforskning, 62: 535-536. (In Swedish)

TEM11 Frankel, O.H. Fruits. In Frankel, O.H., ed. Survey of crop
1973 genetic resources in their centres of diversity. First report. Rome, FAO/IBP, p.35-44.

TEM12 Haskell, G. Man, polyploidy and fruit tree growing in
1955 Britain. Evolution. Lancaster, Pa., 9: 291-301.

TEM13 Keipert, K. Beerenobst. Stuttgart, Verlag Eugen Ulmer.
1981 349pp.

TEM14 Knight, R.L. Abstract bibliography of fruit breeding and
1965 genetics to 1965. Techn. Comm. 31, Commonwealth Bureau of Horticultural and Plantation Crops, UK.

TEM15 Lamb, R.C. Future germplasm reserves of pome fruits. Fruit
1974 Var. J., 28: 75-79.

TEM16 Marchenay, P. Ethnobotanique et conservation genetique.
1981 L'exemple des arbres fruitiers. J. Agric. Trad. Bot. Appl., 28: 85-158.

TEM17 McCrory, S.A. Preliminary evaluation and descriptions of
1958 domestic and introduced fruit plants. South Dakota State College, Bulletin 471.

TEM18 Meyer, F.N. Agricultural explorations in the fruit and nut
1911 orchards of China. U.S. Dep. Agric. Bull., 204.

TEM19 Popov, M.G. {Wild growing fruit trees and shrubs of Asia
1928-29 Media.} Trudy Prikl. Bot. Genet. Selek., 22: 473-483. (In Russian, English summary)

TEM20 Ruban, N.G., Ruban, R.V. & Patalakha, E.D. {Fruit tree and
1972 grape from Fergana as initial breeding material.} Trudy Sredneaz. Opyt. St. VNII Rastenievod., 2: 201-220. (In Russian)

TEM21 Scott, D.H. Preservation of small fruits germplasm for
1974 germplasm work shop. Fruit Var. J., 28: 83-85.

TEM22 Sykes, J.T. Propagation and collection techniques for fruit
1972 germ plasm. Plant Propagator, 18: 15-19.

TEM23 Sykes, J.T. Tree fruit resources in Turkey. Plant Genet.
1972 Resour. Newsl., 27: 17-21.

TEM24 Sykes, J.T. Practical problems in exploration: tree crops.
1975 In Frankel, O.H. & Hawkes, J.G., eds. Crop genetic resources for today and tomorrow. Cambridge, Cambridge University Press, p.123-137.

TEM25 Vasil'chenko, I.T. Fruit forests of southern Kirgizia. In
1957 Dubinin, V.B., ed. Conservation of natural resources and the establishment of reserves in the USSR. Moscow, Acad. Sci. USSR. Bull. no.2, p.21-29.

TEM26 Vavilov, N.I. Wild progenitors of the fruit trees of
1930 Turkestan and the Caucasus and the problem of origin of fruit trees. Proc. 9th Int. Hort. Congr. London, p.271-278.

TEM27 Weaver, G.M. Gene resources and fruit research in the
1968 Soviet bloc countries. Hortic. Sci., 3: 22-24.

TEM28 Zagaja, S.W. Temperate zone tree fruits. In Frankel, O.H.
1970 & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.327-333.

TEM29 Zielinski, Q.B. The origin of cultivated fruit plants. In
1955 Zielinski, Q.B., ed. Modern systematic pomology, Iowa, Brown, p.47-59.

TEM30 Zohary, D. & Spiegel-Roy, P. Beginnings of fruit growing in
1975 the Old World. Science, N.Y., 187: 319-327.

Other relevant references :

A268,J28,K1,R4,R39,S73,T2,T5

DIOSPYROS

DIS1 Ng, F.S.P. Diospyros roxburghii and the origin of Diospyros
1978 kaki. Malaysian Forest., 41: 43-50.

DIS2 Ng, F.S.P. The origin of Diospyros lotus and other notes on
1979 the genus Diospyros (Ebenaceae). Malaysian Forest., 42: 165-170.

Other relevant reference :

L114

FICUS

FIC1 Aweke, G. Revision of the genus Ficus L. (Moraceae) in
1979 Ethiopia. Meded. Landbouwhogeschool Wageningen. No.79-3, 115pp.

FIC2 Condit, T.J. The fig. Waltham, Massachusetts, Chronica
1947 Botanica.

FIC3 Condit, T.J. & Enderud, J. A bibliography of the fig.
1956 Hilgardia, 25: 1-663.

FIC4 Corner, E.J.H. An introduction to the distribution of
1958 Ficus. Reinwardtia, 4: 15-45.

FIC5 Corner, E.J.H. Checklist of Ficus in Asia and Australasia
1965 with keys to identification. Gard. Bull. (Singapore)

FIC6 Galil, J., Stein, M. & Horovitz, A. On the origin of the
1977 sycomore fig (Ficus sycomorus L.) in the Middle East. Gardens' Bull., Singapore, 29: 191-205.

FIC7 Petrova, E.F. {Wild figs from the western Kopetdag.} Trudy
1975 Prikl. Bot. Genet. Selek., 54: 199-204. (In Russian)

FIC8 Rivals, P. La triple symbiose caprifiguier-
1978 blastophagefiguier et le probleme des origines du Ficus carica L. J. Agric. Trad. Bot. Appl., 25: 287-290.

FIC9 Storey, W.B. Figs. In Janick, J. & Moore, J.N., eds.
1975 Advances in fruit breeding. West Lafayette, Indiana, Purdue University Press, p.568-588.

FIC10 Storey, W.B. Fig. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.205-208.

LITCHI

LIT1 Leenhouts, P.W. Systematic notes on the Sapindaceae-
1978 Nephelieae. Blumea, 24: 395-403.

MALUS

MAL1 Dahl, C.G. Malus prunifolia Borkh. & Malus baccata Borkh.
1936 as ancestors of cultivated apple varieties. Sven. Bot. Tidskr., 30: 483-492.

MAL2 Hall, A.D. & Crane, M.B. The apple. London, Martin
1933 Hopkinson.

MAL3 Harding, P.H. An apple cultivar collection. Plant Genet.
1973 Resour. Newsl., 30: 13-16.

MAL4 Jefferson, R.M. History, progeny, and locations of
1970 crabapples of documented authentic origin. Contr. U.S. Nat. Arbor, Washington, D.C., no.2: 1-107.

MAL5 Likhonos, F.D. {On the origin of varieties of genetic
1967 cultivated apple-trees.} Genetika, Moskva, 4: 165-174. (In Russian)

MAL6 Likhonos, F.D. {A survey of species in the genus Malus
1974 Mill.} Trudy Prikl. Bot. Genet. Selek., 52: 16-34. (In Russian, English summary)

MAL7 Monico, P. Y. Recensement et description d'anciennes
1980 varietes de pommes cultivees en Suisse. Rev. Suisse Vitic. Arboric. Hortic., 12: 285-295.

MAL8 Olonichenko, A.I. {The Siberian berry-apple tree in eastern
1936 and southern Transbaikalia.} Trudy Prikl. Bot. Genet. Selek., 19: 103-106. (In Russian)

MAL9 Pashkevich, V.V. {The present state of the question of the
1928-29 origin of variability of wild and cultivated forms of the apple tree.} Trudy Prikl. Bot. Genet. Selek., 22: 553-584. (In Russian)

MAL10 Ponomarenko, V.V. {Taxonomy and geography of some apple
1974 species.} Trudy Prikl. Bot. Genet. Selek., 52: 35-47. (In Russian, English summary)

MAL11 Ponomarenko, V.V. {Contributions to the knowledge of apple-
1975 trees of the Caucasus.} Bot. Zh. SSSR., 60: 53-68. (In Russian)

MAL12 Ponomarenko, V.V. {What is Malus pumila ?} Bot.Zh. SSSR, 60:
1975 1574-1586. (In Russian with English summary)

MAL13 Ponomarenko, V.V. {Species constituting the wild apples of
1977 the USSR and centres of their genetic diversity.} Bot. Zh. SSSR, 62: 820-831. (In Russian, English summary)

MAL14 Ponomarenko, V.V. {Current state of research on problems of
1980 the origin of Malus domestica Borkh.} Trudy Prikl. Bot. Genet. Selek., 67: 11-21. (In Russian, English summary)

MAL15 Populer, C. Old apple and pear cultivars in Belgium. Plant
1979 Genet. Resour. Newsl., 40: 6-7.

MAL16 Rybin, V.A. {Cytological investigations of the genus
1926 Malus.} Trudy Byuro Prikl. Bot., 16: 187-200. (In Russian)

MAL17 Scherbenev, G.Y. {Specificity of the hybrid origin of apple
1975 trees and quince.} S-kh. Biol., 10: 308-310. (In Russian)

MAL18 Schweingruber, F.H. Wildapfel und prahistorische Apfel.
1979 Archeo-Physika, 8: 283-294.

MAL19 Tarasenko, G.G. {Malus prunifolia and its origin.} Vest.
1940 Slov. Kem. Drust., 3: 31-48. (In Russian)

MAL20 Te-Tsun, Y. & Chen-Lung, Y. {Studies on the Chinese species
1956 of Malus Miller.} Acta Phytotaxon., Sinica, 5: 77-110. (In Chinese)

MAL21 Villaret-von Rochow, M. Fruit size variability of Swiss
1969 prehistoric Malus sylvestris. In Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.201-206.

MAL22 Watkins, R. Apple and pear. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.247-250.

MAL23 Way, R.D. The largest apple variety collection in the
1976 United States. N.Y. Food Life Sci., 9: 11-13.

MAL24 Wijnands, D.O. {The systematics of the genus Malus.}
1979 Groen, No.10, 403-409. (In Dutch)

MAL25 Wilcox, A.N. The apple - Apfel. In Kappert, H. & Rudorf,
1962 W., eds. Handbuch der Pflanzenzuchtung, 2nd ed. Berlin, Parey, vol.6, p.637-645.

MAL26 Williams, A.H. Chemical evidence from the flavonoids
1982 relevant to the classifiction of Malus species. Bot. J. Linn. Soc., 84: 31-39.

MAL27 Zwintzscher, M. Malus pumila var. niedzwetzkyana (Malus
1974 sylvestris Mill. ssp. mitis (Wallr.) Mansf. var. niedzwetzkyana (Dieck) L.H. Bailey) - its significance in breeding. Z. Pflanzenzucht., 73: 125-130.

Other relevant references :

K24,K36,K85,L178,N102

MORUS

MOR1 Janaki-Ammal, E.K. The origin of the black mulberry. J.R.
1948 Hort. Soc., 73: 117-120.

Other relevant references :

K111,M82

PRUNUS

PRU1 Agulyan, S.L. & Sanagyan, M.B. {Genetic resources of
1977 apricot in America.} Sadovodstvo, 7: 26-27. (In Russian)

PRU2 Bailey, C.H. & Hough, L.F. Apricots. In Janick, J. &
1975 Moore, J.N., eds. Advances in fruit breeding. West Lafayette, Indiana. Purdue University Press, p.367-383.

PRU3 Beridze, R.K. & Kvatchadze, M.V. Origin and evaluation of
1981 cultivated plums of Georgia. Kulturpflanze, 29: 147-150.

PRU4 Enikeev, H.K. {The question of the origin of large-fruited
1957 forms of sloe and damson.} Agrobiologija, 4: 139-148. (In Russian)

PRU5 Eremin, G.V. {Local varieties of garden plum and myrobalan
1971 in the Caucasus and prospects for their use in breeding.} Trudy Sredneaz. Opyt. St. VNII Rastenievod., 6: 30-43. (In Russian)

PRU6 Evreinoff, V.A. Notes sur l'origine botanique et genetique
1944 des nos arbres fruitiers: cerisiers. Rev. Hortic. Suisse, No. 2110: 69.

PRU7 Evreinoff, V.A. Les ancetres de nos abricots. J. Agric.
1954 Trop. Bot. Appl., 1: 431-440.

PRU8 Fogle, H.W. Cherries. In Janick, J. & Moore, J.N., eds.
1975 Advances in fruit breeding. West Lafayette, Indiana, Purdue University Press, p.348-366.

PRU9 Haskell, G. Stamen number and variation in diploid and
1954 tetraploid cherries. Ann. Bot., 18: 95-111.

PRU10 Haskell, G. & Dow, P. The stamen pattern of cultivated
1955 plums. Ann. Bot., 19: 467-484.

PRU11 Hesse, C.O. Peaches. In Janick, J. & Moore, J.N., eds.
1975 Advances in fruit breeding. West Lafayette, Indiana, Purdue University Press, p.285-335.

PRU12 Holub, J. {The origins of peach trees and their variability
1969 with respect to our natural conditions.} Sb. Cesk. Akad. Zemed. Ved Rostl. Vyroba, 15: 531-538. (In Russian)

PRU13 Holub, J. {Botanical classification of the genus Persica and
1977 the importance of the individual species.} Vedecke Prace Ovocnarske, 6: 301-324. (In Czech, English summary)

PRU14 Hruby, K. Chromosome behaviour and phylogeny of cultivated
1962 Cerasus. Preslia, 34: 85-97.

PRU15 Johansson, E. & Olden, E.J. Zwetschen, Pflaumen,
1962 Reineclauden, Mirabellen. In Kappert, H. & Rudorf, W., eds. Handbuch der Pflanzenzuchtung, 2nd ed. Berlin, Parey, vol.6, p.602-621.

PRU16 Kobel, F. Die Herkunft und Abstammung unserer Pflaumen und
1936 Zwetschgen. Schweiz Z. Obst-Weinbau., 45: 232-234.

PRU17 Nyujto, F. & Suranyi, D. Apricots. Budapest, Mezogazdasagi
1981 Kaido. 465pp.

PRU18 Olden, E.J. & Nybom, N. On the origin of Prunus cerasus L.
1968 Hereditas, 59: 327-345.

PRU19 Rjadnova, I.M. {Origin of cultivated forms of Prunus avium
1967 L.} Nauk. Trudy Krasnodar. Pedag. Inst., 82: 19-29. (In Russian)

PRU20 Rybin, V.A. Spontane und experimentell erzeugte Bastarde
1936 zwischen Schwarzdorn und Kirschpflaume und das Abstamungsproblem der Kulturpflaume. Planta, 25: 22-58.

PRU21 Toth, E. & Suranyi, D. {Plums.} Budapest, Mezogazdasagi
1980 Kaido. 428pp. (In Hungarian)

PRU22 Vries, D.P. de. Field resistance to bacterial canker in
1965 some cherry seedling populations. Euphytica, 14: 78-82.

PRU23 Watkins, R. Cherry, plum, peach, apricot and almond. In
1976 Simmonds, N.W., ed. Evolution of crop plants. London, Longman, p.242-247.

PRU24 Weinberger, J.H. Peaches, apricots, and almonds. In
1962 Kappert, H. & Rudorf, W., eds. Handbuch der Pflanzenzuchtung, 2nd ed. Berlin, Parey, vol.6, p.624-626.

PRU25 Weinberger, J.H. Plums. In Janick, J. & Moore, J.N., eds.
1975 Advances in fruit breeding. West Lafayette, Indiana, Purdue University Press, p.336-347.

PRU26 Williams, W. & Brown, A.G. Genetic response to selection in
1956 cultivated plants: gene frequencies in Prunus avium. Heredity, Lond., 10: 237-245.

PRU27 Williams, W. & Brown, A.G. Genetic response to selection in
1956 cultivated plants: gene frequencies in varieties of Prunus persica. Proc. R. Soc. B., 145: 337-343.

PRU28 Zylka, D. Die Verwendung von Wildarten der Gattung Prunus
1970 in der Sortenzuchtung und als Urterlage. Giessen, 223pp.

PRU29 Zylka, D. Die Verwendung von wilden Kirscharten in der
1971 Sortenzuchtung und als Unterlage. I Prunusarter der Sektion Eucerasus. Gartenbauwissenschaft, 2: 261-291.

PRU30 Zylka, D. Die Verwendung von wilden Kirscharten in der
1971 Sortenzuchtung und als Unterlage. III Prunusarten der Sektion Mahlebs und des Subgenus Padus. Gartenbauwissenschaft, 3: 557-572.

Other relevant references :

G179,N38,N44

PUNICA

PUN1 Goor, A. The history of the pomegranate in the Holy Land.
1967 Econ. Bot., 21: 215-229.

PYRUS

PYR1 Bellini, E. & Scaramuzzi, F. Contribution for a pear
1977 germplasm protection. In Scaramuzzi, F., ed. 2nd Int. Symp. on pear growing, Florence, Italy, October 5-6, 1976. Acta Hortic., 69: 13-34.

PYR2 Challice, J.S. & Westwood, M.N. Numerical taxonomic studies
1973 of the genus Pyrus using both chemical and botanical characters. J. Linn. Soc. Bot., 67: 121-148.

PYR3 Fedorov, A.A. {On the floristic connections of East Asia
1958 and the Caucasus (taking the genus Pyrus L.s.str. as an example). Materials on the history of the flora and vegetation of the USSR.}. Fasc. 3, 230-248. (In Russian)

PYR4 Iizuka, M. Wild species of Pyrus and Vitis in Japan. In
1975 Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.25-32.

PYR5 Kovalev, N.V. & Kalmykov, S.S. {The origin of the
1957 cultivated pears of Central Asia.} Trudy Prikl. Bot. Genet. Selek., 30: 211-218. (In Russian)

PYR6 Layne, R.E.C. & Quamme, H.A. Pears. In Janick, J. & Moore,
1975 J.N., eds. Advances in fruit breeding. West Lafayette, Indiana, Purdue University Press, p.38-70.

PYR7 Pavlov, A.V. {Characteristic features of the leaf epidermis
1969 in cultivated pears, as related to the origin of varieties.} Bot. Zh. SSSR., 54: 750-755. (In Russian)

PYR8 Pavlov, A.V. {Morphological characteristics of the flowers
1969 in the cultivated pear and the problem of the origin of cultivars.} Trudy Vses Inst. Rastenievod., 10: 567-568. (In Russian)

PYR9 Rubtsov, G.A. {Polymorphisms and centers of formation of
1939 Pyrus species in the USSR.} Dokl. Akad. Nauk SSSR, 21: 81-84. (In Russian)

PYR10 Rubtsov, G.A. {Origin and evolution of the cultivated
1940 pear.} Dokl. Akad. Nauk SSSR, 28: 350-353. (In Russian)

PYR11 Shen, T. Pears in China. HortScience, 15: 13-17.
1980

PYR12 Tuz, A.S. {On the question of the classification of the
1972 genus Pyrus L.} Trudy Prikl. Bot. Genet. Selek., 46: 70-91. (In Russian)

PYR13 Tuz, A.S. {The origin and evolution of the genus Pyrus L.}
1974 Bot. Zh., 59: 1734-1742. (In Russian, English summary)

PYR14 Zwintzscher, M. Birne. In Kappert, H. & Rudorf, W., eds.
1962 Handbuch der Pflanzenzuchtung, 2nd ed. Berlin, Parey, vol. 6, p.695-698.

Other relevant references :

K24,L145

RIBES

RIB1 Bate-Smith, E.C. Chemistry and taxonomy of Ribes. Biochem.
1976 Syst. Ecol., 4: 13-23.

RIB2 Keep, E. Currants. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.145-148.

OTHER ROSACEOUS FRUITS

ROS1 Bringhurst, R.S., Hancock, J.F. & Voth, V. The beach
1977 strawberry, an important national resource. Calif. Agric., 31: 10.

ROS2 Challice, J.S. Rosaceae chemotaxonomy and the origins of
1974 the Pomoideae. J. Linn. Soc. Bot., 69: 239-259.

ROS3 Evreinoff, V.A. Sur une azerolier a gros fruits des regions
1963 sub desertiques de l'Asie Centrale, Crataegus azarolus L., var. turcomanica Popoff. J. Agric. Trop. Bot. Appl. 10: 177-178.

ROS4 Gladkova, V.N. {On the origin of the subfamily Maloideae.}
1972 Bot. Zh. SSSR., 57: 42-49. (In Russian)

ROS5 Hancock, J.F. Jr. & Bringhurst, R.S. Germplasm resources in
1977 California Fragaria. HortScience, 12: 421.

ROS6 Haskell, G. The history and genetics of the raspberry.
1954 Discovery, 15: 241-246.

ROS7 Jennings, D.L. Raspberries and blackberries. In Simmonds,
1976 N.W., ed. Evolution of crop plants. London, Longman, p.251-254.

ROS8 Jennings, D.L. The blackberries of South America - an
1978 unexplored reservoir of germplasm. Fruit Var. J., 32: 61-63.

ROS9 Jones, J.K. Strawberry. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.237-242.

ROS10 Katsumata, H. Origin and development of the strawberry.
1978 Agric. Hortic. (Japan), 53: 993-996, 1113-1117.

ROS11 Ourecky, D.K. Brambles. In Janick, J. & Moore, J.N., eds.
1975 Advances in fruit breeding. West Lafayette, Indiana, Purdue University Press, p.98-129.

ROS12 Scott, D.H. & Lawrence, F.J. Strawberries. In Janick, J. &
1975 Moore, J.N., eds. Advances in fruit breeding. West Lafayette, Indiana, Purdue University Press, p.71-97.

ROS13 Senanayake, Y.D.A. & Bringhurst, R.S. Origin of Fragaria
1967 polyploids. I. Cytological analysis. Am. J. Bot., 54: 221-228.

ROS14 Sprenkels, P.A. {The history of the strawberry.}
1976 Fruittelt, 1354-1358. (In Dutch)

ROS15 Sykes, J.T. Quinces, past and present. J. R. Hort. Soc.,
1972 97: 184-186.

ROS16 Sykes, J.T. A description of some quince cultivars from
1972 western Turkey. Econ. Bot., 26: 21-31.

Other relevant references :

J187,L140,M54

VITIS

VIT1 Alleweldt, G. Die Wildreben von Nordamerika als
1966 Genreservoir fur die Rebenzuchtung. Mitteilungen, 16: 261-265.

VIT2 Alleweldt, G. Collection, conservation et mise en valeur
1983 des ressources genetiques de al vigne. Bull, O.I.V., 56: 91-103.

VIT3 Barrett, H.C., Carmer, S.G. & Rhodes, A.M. A taximetric
1969 study of interspecific variation in Vitis. Vitis, 8: 177-187.

VIT4 Bouquet, A. Origine et evoltion de l'encepagement francais
1982 a travers les siecles. Prog. Agric. Viticole. 99: 110-121.

VIT5 Einset, J. & Pratt, C. Grapes. In Janick, J. & Moore, J.N.,
1975 eds. Advances in fruit breeding. West Lafayette, Indiana, Purdue University Press, p.130-153.

VIT6 Galet, P., Boubals, D. & Dallas, J.P. La vigne en Chine.
1980 Bull. I.O.V., 53: 376-380.

VIT7 Golodriga, P.Y. & Souyatinov, I.A. Vitis amurensis.
1981 Habitat. Aptitudes culturales et technologiques. Variabilite de l'espece. Bull. O.I.V., 54: 971-982.

VIT8 Hewitt, W.B. & Rives, M. On the preservation and use of the
1979 genetic resources in the genus Vitis. Ann. Amelior. Plantes, 29: 515-522.

VIT9 Iizuka, M. Wild species of Pyrus and Vitis in Japan. In
1975 Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.25-32.

VIT10 Lattin, G. de Uber den Ursprung und die Verbreitung der
1939 Reben. Zuchter, 11: 217-225.

VIT11 Mortensen, J.A. Future germplasm reserves in grapes. Fruit
1974 Var. J., 28: 90-94.

VIT12 Negrul, A.M. {Questions of the origin and breeding of vines
1969 on a genetical basis.} In N.I. Vavilov and agricultural science. p.323-339. (In Russian)

VIT13 Neubauer, H.F. Die Nuristanrebe und ihre kulturhistorische
1975 Bedeutung. Angew Bot., 49: 123-130.

VIT14 Olmo, H.P. Grapes. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.294-298.

VIT15 Ribes, M. Les origines de la vigne. Recherche, 6: 120-129.
1975

VIT16 Rives, M. Centre d'origine et diversification specifique
1962 dans le genre Vitis. Rep. 3rd Congr., Eucarpia, Paris, p.197-201.

VIT17 Rives, M. Les vignes sauvages comme sources de genes pour
1974 l'amelioration. Vitis, 13: 186-197.

VIT18 Rjabova, N.I. {Exploration of the thickets of Vitis
1972 amurensis Rupr.} Trudy Prikl. Bot. Genet. Selek., 46: 200-206. (In Russian)

VIT19 Schumann, F. Untersuchungen an Wildreben in Deutschland.
1974 Vitis, 13: 198-205.

VIT20 Schumann, F. Zur Erhaltung der Wildrebe Vitis vinifera L.
1977 var. silvestris Gmelin in den rheinischen Auwäldern. Pflazer Heimat, 28: 150-154.

VIT21 Smith, C.E. Jr. Species indistinction in the genus Vitis.
1965 Leafl. West. Bot., 10: 143-150.

VIT22 Terpo, A. Untersuchungen uber die Standortsverhaltnisse der
1969 Vitis silvestris Gmel. im ungarischen Mittelgebirge. Bot. Kozlem. 56 kotet 1. fuzet.

Other relevant references :

Q105,COF1

11 SPICES, STIMULANTS AND FLAVOURINGS

SPICES - GENERAL

SPI1 Chomchalow, N. Medicinal plants and spices in Asia. Plant
1980 Genet. Resour. Newsl., 44: 2-11.

SPI2 Maistre, J. Les plantes a epices. Paris, Maisonneuve
1964 Larose. 274pp.

SPI3 Parry, J.W. Spices, their morphology, histology and
1962 chemistry. London, Food Trade Press.

SPI4 Purseglove, J.W., Brown, E.G., Green, C.L. & Robbins, S.R.J.
1981 Spices. 2 Vols. London, Longman. 813pp.

Other relevant references:

A223,A268

CAMELLIA

CAM1 Barua, P.K. Classification of the tea plant. Newsl.
1963 Tocklai Exp. Sta., 10: 3-11.

CAM2 Eden, T. Tea. 3rd ed. London, Longmans Green. 236pp.
1976

CAM3 Fedorov, A.A. Questions of evolution, biogeography,
1960 genetics and plant breeding. In The birthplace of tea. Memorial volume dedicated to 70th anniversary of birth of N.I. Vavilov. Moscow, Academy of Sciences USSR, p.302-306.

CAM4 Hashimoto, M. & Shimura, T. Morphological studies on the
1978 origin of tea. V. Advocacy of the single-origin theory based on cluster analysis. Jap. J. Trop. Agric., 53: 93-101. (In Japanese, English summary)

CAM5 Katsuo, K. {Origin of tea, history of its cultivation and
1978 species and varieties.} Jap. J. Crop Sci., 47: 444-449. (In Japanese)

CAM6 Kingdon-Ward, F. Does wild tea exist ? Nature, Lond., 165:
1950 297-299.

CAM7 Kondo, K. Cytological studies in cultivated species of
1977 Camellia. II. Hexaploid species and their hybrids. Jap. J. Breed., 27: 333-334.

CAM8 Kondo, K. Cytological studies in cultivated species of
1978 Camellia . III. Tetraploid species and hybrids between diploid species and hexaploid species. Jap. J. Breed., 28: 197-204.

CAM9 Kondo, K. Cytological studies in cultivated species of
1979 Camellia I. Diploid species and their hybrids. Int. Camellia J., No.11, 50-56.

CAM10 Sealy, J.B. A revision of the genus Camellia. Royal
1958 Horticultural Society.

CAM11 Sharma, V.S. & Venkataramani, K.S. The tea complex. I.
1974 Taxonomy of tea clones. Proc. Indian Acad. Sci. B., 80: 178-187.

CAM12 Singh, I.D. Tea germplasm in India. Plant Genet. Resour.
1980 Newsl., 43: 12-16.

CAM13 Visser, T. Tea. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.18-20.

CAM14 Wu, C.T. et al. {Morphological observations on wild tea on
1970 Mount Meiyuan in Taiwan.} Taiwan Agric. Quart., 6: 15-27. (In Chinese)

Other relevant references :

K5,K86,K100,L180,L214,R43,ECO3

CAPSICUM

CAP1 Ballard, R.E. et al. A chemosystematic study of selected
1970 taxa of Capsicum. Am. J. Bot., 57: 225-233.

CAP2 Davenport, W.A. Progress report on the domestication of
1970 Capsicum (Chili peppers). Proc. Assoc. Am. Geographers, 2: 46-47.

CAP3 Eshbaugh, W.H. A nomenclatural note on the genus Capsicum.
1968 Taxon., 17: 51-52.

CAP4 Eshbaugh, W.H. A biosystematic and evolutionary study of
1970 Capsicum baccatum (Solanaceae). Brittonia, 22: 31-43.

CAP5 Eshbaugh, W.H. A biosystematic and evolutionary study of
1971 Capsicum pubescens Ruiz & Pav. Am. Philos. Soc. Yearbook. 1971, p.315-316.

CAP6 Eshbaugh, W.H. Variation and evolution in Capsicum
1974 pubescens Ruiz & Pav. Am. J. Bot., 61: 42.

CAP7 Eshbaugh, W.H. Genetic and biochemical systematic studies
1975 of chilli peppers (Capsicum - Solanaceae). Bull. Torrey Bot. Club, 102: 396-403.

CAP8 Eshbaugh, W.H. The taxonomy of the genus Capsicum
1977 (Solanaceae). In Pochard, E., ed. Capsicum 77: comptes rendus du 3e congres Eucarpia sur la genetique et la selection du piment. Avignon-Montfavet, 5-8 Juillet 1977. I. Taxonomie et cytogenetique. Montfavet, France, p.13-26.

CAP9 Eshbaugh, W.H. Chili peppers in Bolivia. Plant Genet.
1980 Resour. Newsl., 43: 17-19.

CAP10 Eshbaugh, W.H. The taxonomy of the genus Capsicum
1980 (Solanaceae). Phytologia, 47: 153-166.

CAP11 Eshbaugh, W.H. Variation and evolution in Capsicum eximium
1982 Hunz., Baileya, 21: 193-198.

CAP12 Eshbaugh, W.H. & Smith, P.G. A new variety of chili pepper,
1971 Capsicum eximium var. tomentosum (Solanaceae). Baileya, 18: 13-16.

CAP13 Gazenbush, V.L. {Pepper - Capsicum Tourn. In Brezhnev,
1958 D.D., ed. Flora of cultivated plants XX. Vegetable plants Fam. Solanaceae.} Moscow, State Agricultural Publishing Office, p.394-487. (In Russian)

CAP14 Heiser, C.B. Jr., The chilis and ajies (Capsicum) of Costa
1964 Rica and Ecuador. Cienc. Nat., 7: 50-57.

CAP15 Heiser, C.B. Jr. Peppers. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.265-268.

CAP16 Heiser, C.B. Jr. & Pickersgill, B. Names for the
1969 cultivated Capsicum species (Solanaceae). Taxon, 18: 277-283.

CAP17 Heiser, C.B. Jr. & Pickersgill, B. Names for the bird
1975 peppers (Capsicum-Solanaceae). Baileya, 19: 151-156.

CAP18 Heiser, C.B. Jr. & Smith, P.G. Observations on another
1948 species of cultivated pepper, Capsicum pubescens R. & P., Proc. Am. Soc. Hortic. Sci., 52: 331-335.

CAP19 Heiser, C.B. Jr. & Smith, P.G. The cultivated capsicum
1953 peppers. Econ. Bot., 7: 214-217.

CAP20 Heiser, C.B. Jr. & Smith, P.G. New species of Capsicum from
1958 South America. Brittonia, 10: 194-201.

CAP21 Heiser, C.B. Jr., Eshbaugh, W.H. & Pickersgill, B. The
1971 domestication of Capsicum - a reply to Davenport. Prof. Geog., 23: 169-170.

CAP22 Hirose, T., Nishi, S. & Takashima, S. {Studies on
1960 interspecific hybridization between cultivated species of Capsicum. 1. On crossability between species.} Nogaku Sci., Kyoto. Univ. Agric., 12: 40-46. (In Japanese)

CAP23 Hunzikar, A.T. Synopsis of the genus Capsicum. Proc. 8th
1954 Internat. Cong. Bot., Paris, Sect. 3-6: 73-74.

CAP24 Jensen, R.J., McLeod, M.J., Eshbaugh, W.H. & Guttman, S.I.
1979 Numerical taxonomic analyses of allozymic variation in Capsicum (Solanaceae). Taxon, 28: 315-327.

CAP25 Laborde Cancino, J.A. & Pozo Campodonico, O. Presente y
1982 pasado del Chile en Mexico. Mexico, D.F., Secretaria de Agricultura y Recursos Hidraulicos, Instituto Nacional de Investigaciones Agricolas (INIA) Publ. Especial Num. 85. 80pp.

CAP26 McLeod, M.J., Eshbaugh, W.H. & Guttman, S.I. A preliminary
1979 biochemical systematic study of the genus Capsicum - Solanaceae. In Hawkes, J.G., Lester, R.N. & Skelding, A.D., eds. The biology and taxonomy of the Solanaceae. London, Academic Press, p.701-713.

CAP27 McLeod, M.J., Eshbaugh, W.H. & Guttman, S.I. An
1979 electrophoretic study of Capsicum (Solanaceae): the purple flowered taxa. Bull. Torrey Bot. Club, 106: 326-333.

CAP28 McLeod, M.J., Guttman, S.I. & Eshbaugh, W.H. Early
1982 evolution of chili peppers (Capsicum). Econ. Bot., 36: 361-368.

CAP29 Pickersgill, B. Interspecific isolating mechanisms in some
1967 South American chili peppers. Am. J. Bot., 54: 654.

CAP30 Pickersgill, B. The archaeological record of chili peppers
1969 (Capsicum spp.) and the sequence of plant domestication in Peru. Am. Antiq., 34: 54-61.

CAP31 Pickersgill, B. The domestication of chili peppers. In
1969 Ucko, P.J. & Dimbleby, G.W., eds. The domestication and exploitation of plants and animals. London, Duckworth, p.443-450.

CAP32 Pickersgill, B. Relationships between weedy and cultivated
1971 forms in some species of chili peppers (genus Capsicum). Evolution, Lancaster, Pa., 25: 683-691.

CAP33 Pickersgill, B., Heiser, C.B. & McNeill, J. Numerical
1979 taxonomic studies on variation and domestication in some species of Capsicum. In Hawkes, J.G., Lester, R.N. & Skelding, A.D., eds. The biology and taxonomy of the Solanaceae. London, Academic Press, p.679-700.

CAP34 Quagliotti, L. & Nassi, M.O., ed. Eucarpia meeting on
1972 genetics and breeding of Capsicum. Torino, Tipografia Vincenzo Bona. 384pp.

CAP35 Rick, C.M. Capsicum pubescens a little-known pungent pepper
1950 from Latin America. Bull. MO. Bot. Gard., 38: 36-42.

CAP36 Shinners, L.H. Technical names for the cultivated Capsicum
1956 peppers. Baileya, 4: 81-83.

CAP37 Shopova, M. Studies in the genus Capsicum. I. Species
1966 differentiation. Chromosoma, (Berl.), 19: 340-348.

CAP38 Smith, P.G. Garden peppers. Calif. Agric., 31: 11.
1977

CAP39 Smith, P.G. Origin and investigation of garden peppers.
1979 World Farming, 21: 10-11.

CAP40 Smith, P.G. & Heiser, C.B. Jr. Taxonomic and genetic
1951 studies on the cultivated peppers, Capsicum annuum L. and C. fructescens L. Am. J. Bot., 38: 362-368.

CAP41 Smith, P.G. & Heiser, C.B. Jr. Taxonomy of Capsicum sinense
1957 Jacq. and the geographic distribution of the cultivated Capsicum species. Bull. Torrey Bot. Club, 84: 413-420.

CAP42 Smith, P.G. & Heiser, C.B. Jr. Breeding behaviour of
1957 cultivated peppers. Proc. Am. Soc. Hortic. Sci., 70: 286-290.

CAP43 Smith, P.G., Rick, C.M. & Heiser, C.B. Jr. Capsicum
1951 pendulum Willd., another cultivated pepper from South America. Proc. Am. Soc. Hortic. Sci., 57: 339-342.

CAP44 Terpo, A. Kritische Revision der wildwachsenden Arten und
1966 der Kultivierten Sorten der Gattung Capsicum L. Feddes Rep., 72: 155-191.

Other relevant references :

A138,B169,D88,N9

COFFEA

COF1 Ayad, W.G. Survey of coffee and grape variability in YAR.
1982 Plant Genet. Resour. Newsl., 49: 24-25.

COF2 CATIE The coffee germplasm collection of Turrialba.
1974 Activities at Turrialba, 2: 3-4.

COF3 Carvalho, A. Distribuicao geografica e classificacoa
1945-46 botanica do genero Coffea com referencia especial a especie Arabica. Bol. Superintend. Servicos Cafe, S. Paulo, 20: 1, 138-146, 21: 6-10, 69-73, 127-130, 174-184.

COF4 Carvalho, A. O cafe selvagem da Abissinia. Bol.
1956 Superintend. Servicos Cafe, S. Paulo, 31: 13-15.

COF5 Carvalho, A. Preliminary information on the genetics of
1959 Ethiopian coffees. Nature, Lond., 183: 906.

COF6 Charrier, A. La structure genetique des cafeiers spontanes
1976 de la region malgache (Mascarocoffea). Leurs relations avec les cafeiers africains (Eucoffea). Cafe Cacao The, 20: 245-250.

COF7 Charrier, A., ed. Etude de la structure et de la variabilite
1978 genetique des cafeiers. Bull. Inst. Francais Cafe Cacao, no.14. 100pp.

COF8 Charrier, A. La conservation des ressources genetiques du
1980 genre Coffea. Cafe Cacao The, 24: 249-258.

COF9 Cheney, R.H. Coffee: a monograph of the economic species
1925 of the genus Coffea L. New York, New York University Press, 244pp.

COF10 Chevalier, A. Les cafeiers du globe. Paris, Lechavalier, 3
1929-47 vols.

COF11 Chevalier, A. Essai d'un groupement systematique des
1938 cafeiers sauvages de Madagascar et des Iles Mascareignes. Rev. Bot. Appl., 18: 825-843.

COF12 Chevalier, A. Ecologie et distribution geographique des
1946 cafeiers sauvages et cultives. Rev. Bot. Appl., 26: 81-94, 281-282.

COF13 Chinnappa, C.C. Interspecific hybrids of Coffea canephora
1970 and C. liberica. Genetica, 41: 141-145.

COF14 Chinnappa, C.C. & Adams, R.J. Pollen morphology in the
1974 genus Coffea. I. Scanning electron microscopy. J. Coffee Res., 4: 29-39.

COF15 Coste, R. Les cafeiers et les cafes dans le monde. I. Les
1955 cafeiers. Paris, Editions Larose, 381pp.

COF16 Cramer, P.J.S. Les cafeiers hybrides du groupe Congesta.
1948 Bull. Agric. Congo Belge, 39: 29-48.

COF17 Fernie, L.M. Cultivars of arabica coffee in Ethiopia. In
1973 Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome. FAO/IBP, p.69-70.

COF18 Ferwerda, F.P. Coffees. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.257-260.

COF19 Haarer, A.E. Robusta coffee. World Crops, 5: 352-354.
1953

COF20 Hofling, J.F. & Oliveira, A.R. A serological investigation
1981 of some Coffea species with emphasis on the origin of C. arabica L. Cienc. Cult., 33: 66-72.

COF21 IBPGR Coffee genetic resources. Rome, IBPGR. 13pp.
1980

COF22 Kammacher, P. & Capot, J. Sur les relations caryologiques
1972 entre Coffea arabica et Coffea canephora. Cafe Cacao The, 16: 289-293.

COF23 Krug, C.A. Variacoes somaticas em Coffea arabica L. Bol.
1937 Tech. Inst. Agron. Campinas, 20. 11pp.

COF24 Krug, C.A. & Carvalho, A. The genetics of Coffea. Adv.
1951 Genet., 4: 128-158.

COF25 Krug, C.A., Mendes, J.E.T. & Carvalho, A. Taxonomia de
1939 Coffea arabica L., descricao das variedades - e formas encontradas no Estado de Sao Paulo. Bol. Tech. Inst. Agron. Campinas, 62. 57pp.

COF26 Leon, J. Especies y cultivares (variedades) de Cafe. Inst.
1962 Inter-Amer. de Ciencias Agricolas, Materiales de Ensenanza de Cafe y Cacao, 23.

COF27 Leroy, J.-F. Reflexions sur l'evolution naturelle et
1971 l'evolution artificielle des ressources genetiques vegetales: le cas des Coffea. Bull. Jard. Bot. Nat., Belgique, 41: 53-67.

COF28 Leroy, J.-F. Evolution et taxogenese chez les cafeiers
1980 (Coffea L., Psilanthus Hook. f. et Nostolachma Durand). Hypothese sur leur origine. C.R. Hebd. Seances Acad. Sci., III, 291: 593-596.

COF29 Lopes, C.R. & Monaco, L.C. Chemotaxonomic studies of some
1979 species of the genus Coffea. J. Plantation Crops, 7: 6-14.

COF30 Mendes, A.J.T. Morfologia dos cromosomios de Coffea
1938 excelsa. Bol. Tec. Inst. Agron. Campinas, 56. 10pp.

COF31 Mendes, A.J.T. A hibridacao interspecifica no melhoramento
1951 do cafeeiro. Bragantia, 11: 297-306.

COF32 Meyer, F.G. Notes on wild Coffea arabica from southwestern
1965 Ethiopia, and some historical considerations. Econ. Bot., 19: 136-151.

COF33 Meyer, F.G. The origin of Arabica coffee (Coffea arabica
1969 L.). Abst. XI Int. Bot. Congr., p.146.

COF34 Narasimhaswamy, R.L. Some thoughts on the origin of Coffea
1962 arabica L. Coffee, 4: 1-5.

COF35 Narasimhaswamy, R.L. & Vishveshwara, S. Report on hybrids
1961 between some diploid species of Coffea L. Indian Coffee, 25: 104-109.

COF36 Narasimhaswamy, R.L. & Vishveshwara, S. Progress report on
1967 hybrids between diploid species of Coffea L. Turrialba, 17: 11-17.

COF37 Porteres, R. Cafeiers de la Republique de Guinee. Cafe,
1962 Cacao, The, 1: 3-18.

COF38 Pynaert, L. Documentation sur l'origine du cafe. Agric.
1937 Elev. Congo Belge, 11: 146-148.

COF39 Ram, A.S., Sreenivasan, M.S. & Vishveshwara, S. 1982 Chemotaxonomy of Mozambicoffea. J. Coffee Res., 12: 42-46.

COF40 Sybenga, J. Genetics and cytology of Coffea. A literature 1960 review. Bibliogr. Genet., 19: 217-316.

COF41 Sylvain, P.G. Le cafe du Yemen. Agron. Trop., Nogent., 11: 1956 62-73.

COF42 Sylvain, P.G. Ethiopian coffee - its significance to world 1958 coffee problems. Econ. Bot., 12: 111-139.

COF43 Sylvain, P.G. & Cordoba, J.J. Lista de las introductiones 1968 de cafe del departamento de fitotecnia y suelos. Instituto Interamericano de Ciencias Agricolas de la O.E.A. Turrialba. Publ. Misc. no.48. 96pp.

COF44 Thomas, A.S. The wild arabica coffee on the Boma Plateau, 1942 Anglo-Egyptian Sudan. Emp. J. Exp. Agric., 10: 207-212.

COF45 Thomas, A.S. The wild coffees of Uganda. Emp. J. Exp. 1944 Agric., 12: 1-12.

COF46 Vayssiere, P. L'Ethiopie, pays d'origine du cafeier 1961 d'Arabie. Cafe, Cacao, The, 5: 77-81.

COF47 Wellman, F.I. Coffee: botany, cultivation and utilisation. 1961 London, Leonard Hill, p.1-66.

Other relevant references :

J26,J108,L19,L25,L53,L83,L215,L216,M55,R41

CURCUMA

CUR1 Prana, M.S. Germplasm collection of Curcuma spp. in 1982 Indonesia. IBPGR Southeast Asian Newsl., 6, no.1: 9.

EUGENIA

EUG1 Tidbury, G.E. The clove tree. London, Crosby Lockwood & 1949 Son.

EUG2 Wit, F. Clove. In Simmonds, N.W., ed. Evolution of 1976 crop plants. London, Longman, p.216-218.

ESSENTIAL OILS

MEN1 Harley, R.M. & Brighton, C.A. Chromosome numbers in the 1977 genus Mentha L. Bot. J. Linn. Soc., 74:71-96.

MEN2 Hegnauer, R. Biologische und systematische Bedeutung von 1975 chemischen Rassen. Planta Med., 28: 230-243.

MEN3 Plucknett, D.L. Cassia: a tropical essential oil crop. In 1979 Ritchie, G.A., ed. New agricultural crops. Boulder, Colorado, Westview Press, for Am. Assoc. Adv. Sci., Washington, D.C. p.149-166.

MEN4 Tetenyi, P. Polychemismus bei atherischolhaltigen 1975 Pflanzenarten. Planta Med., 28: 244-256.

MYRISTICA

MYR1 Joseph, J. The nutmeg - its botany, agronomy, production, 1980 composition and uses. J. Plantation Crops, 8: 61-72.

NICOTIANA

NIC1 Akehurst, B.C. Tobacco. London, Longman. 1971

NIC2 Clausen, R.E. Interspecific hybridization in Nicotiana 13. 1932 Further data as to the origin and constitution of Nicotiana tabacum. Sven. Bot. Tidskr., 26: 123-136.

NIC3 Clausen, R.E. & Goodspeed, T.H. Interspecific hybridization 1925 in Nicotiana 2. A tetraploid glutinosa-tabacum hybrid, an experimental verification of Winge's hypothesis. Genetica, 10: 279-284.

NIC4 Danert, S. Zur Systematic von Nicotiana tabacum L. 1961 Kulturpflanze, 9: 263-287.

NIC5 Danert, S. Zur Systematik von Nicotiana rustica. 1963 Kulturpflanze, 11: 535-562.

NIC6 Devreux, M., Saccardo, F. & Brunori, A. Plantes haploides
1971 et lignes isogeniques de Nicotiana tabacum obtenues par culture d'antheres et de tiges in vitro. Caryologia, 24: 141-148.

NIC7 Eghis, S.A. {Interspecific hybridization in Nicotiana. 4. A
1935 new type of fertile hybrid, N. tabacum x N. sylvestris.} Trudy Prikl. Bot. Genet. Selek, 9: 144-152. (In Russian, English summary)

NIC8 Fatalizade, F.A. {Cytogenetic studies on the genus
1939 Nicotiana and the origin of N. rustica.} C.R. (Dokl.) Akad. Nauk SSSR, 25: 770-772. (In Russian)

NIC9 Feinhandler, S.J., Fleming, H.C. & Monahon, J. Pre-
1979 Columbian tobaccos in the Pacific. Econ. Bot., 33: 213-226.

NIC10 Gerstel, D.U. Segregation in new allopolyploids of
1960 Nicotiana. I. Comparison of 6x (N. tabacum x N. tomentosiformis) and 6x (N. tabacum x N. otophora). Genetics, Princeton, 45: 1723-1734.

NIC11 Gerstel, D.U. Essay on the origin of tobacco. Tobacco,
1961 N.Y., 152: 19-22; & Tobacco Sci., 5: 15-17.

NIC12 Gerstel, D.U. The origin of tobacco: new problems. Bull.
1961 Res. Counc. Israel Sect. B, 9D: 197-198.

NIC13 Gerstel, D.U. Tobacco. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.273-277.

NIC14 Gerstel, D.U. & Mann, T.J. Segregation in new
1964 allopolyploids of Nicotiana. 3. Nicotine - converter genes in allopolyploids from N. tomentosiformis, N. sylvestris and N. tabacum. Crop Sci., 4: 387-388.

NIC15 Gerstel, D.U. & Phillips, L.L. Segregation of synthetic
1958 amphiploids in Gossypium and Nicotiana. Cold Spring Harb. Symp. Quant. Biol., 23: 225-237.

NIC16 Goodspeed, T.H. Nicotiana phylesis in the light of
1934 chromosome number, morphology, and behavior. Univ. Calif. Publ. Bot., 17: 369-398.

NIC17 Goodspeed, T.H. On the evolution of the genus Nicotiana.
1947 Proc. Nat. Acad. Sci. U.S.A., 33: 158-171.

NIC18 Goodspeed, T.H. The genus Nicotiana. Chronica Bot.,
1954 Waltham, Mass.

NIC19 Goodspeed, T.H. & Clausen, R.E. Interspecific hybridization
1928 in Nicotiana 8. The sylvestris-tomentosa-tabacum hybrid and its bearing on the origin of tabacum. Univ. Calif. Publ. Bot., 11: 245-256.

NIC20 Gray, J.C., Kung, S.D., Wildman, S.G. & Sheen, S.J. Origin
1974 of Nicotiana tabacum L. detected by polypeptide composition of fraction I protein. Nature, Lond., 252: 226-227.

NIC21 Hart, G.E. & Bhatia, C.R. Acrylamide gel electrophoresis of
1967 soluble leaf proteins and enzymes in Nicotiana species. Can. J. Genet. Cytol., 9: 367-374.

NIC22 Hartana, I. {Hybridization between species within the genus
1967 Nicotiana and the possibility of its practical use in tobacco breeding.} Menara Perkebunan, 36: 24-29. (In Indonesian)

NIC23 McCray, F.A. Compatibility of certain Nicotiana species.
1932 Genetics, Princeton, 17: 621-636.

NIC24 Murthy, G.S. & Pavate, M.V. Studies on quantitative
1962 inheritance in Nicotiana tabacum L. I. Varietal classification and selection by multivariate analysis. Indian J. Genet. Plant Breed., 22: 68-80.

NIC25 Nicolas, E. Origines europeennes probables de Nicotiana
1935 rustica L. (tabac rustique). Bull. Centenaire Soc. Hist. Nat. Moselle, no. 34: p.14.

NIC26 Nikolajewa, A. Essai d'une etude caryologique de Nicotiana
1924 rustica et N. tabacum et de la pseudogamie de ce dernier. J. Soc. Bot. U.R.S.S., 9: 15-20.

NIC27 Sheen, S.J. Isozymic evidence bearing on the origin of
1972 Nicotiana tabacum L. Evolution, Lancaster, Pa., 26: 143-154.

NIC28 Smith, H.H. Recent cytogenetic studies in the genus
1968 Nicotiana. Adv. Genet., 14: 1-54.

NIC29 Smith, H.H. et al. Multiple molecular forms of peroxidases
1970 and esterases among Nicotiana species and amphiploids. J. Hered., 61: 203-212.

NIC30 Smith, H.H., Stevenson, H.Q. & Kehr, A.E. Limits and
1958 consequences of multiple allopolyploidy in Nicotiana. Nucleus, Calcutta, 1: 205-222.

NIC31 Spinden, H.J. Tobacco is American: the story of tobacco
1950 before the coming of the white man. New York, New York Public Library.

NIC32 Tanaka, M. & Tanaka, K. Tobacco plants obtained by anther
1969 culture and experiment to get diploid seeds from haploids. Jap. J. Genet., 44: 47-54.

NIC33 Ternovskii, M.F., Vinogradov, V.A. & Sarychev, Yu F.
1972 {Historical gene centers of parasite resistance in species of the genus Nicotiana.} Genetika, 8: 1508-1514. (In Russian)

NIC34 Wolf, F.A. & Wolf, F.T. The origin of tobaccos of the
1948 oriental type. Bull. Torrey Bot. Club, 75: 51-55.

Other relevant references :

L61,M23,M60,M88,M101,M110,Q41

PIPER

PIP1 Zeven, A.C. Black pepper. In Simmonds, N.W., ed. Evolution
1976 of crop plants. London, Longman, p.234-235.

Other relevant reference :

ECO3

THEOBROMA

THE1 Barrau, J. Sur l'origine du cacaoyer, Theobroma cacao Linne,
1979 Sterculiacees. J. Agric. Trad. Bot. Appl., 26: 171-180

THE2 Bartley, B.G.D. Notes on the cacao of Maracaibo and the
1964 relationships of seed and cotyledon colour. Cacao, 9: 8-12.

THE3 Bartley, B.G.D. & Chalmers, W.S. Cacao germplasm collection
1971 at the University of the West Indies. Plant Genet. Resour. Newsl., 26: 2-4.

THE4 Beauchamp, E.T. The London cocoa trade Amazon project.
1982 Plant Genet. Resour. Newsl., 50: 32-35.

THE5 Bergmann, J.F. The distribution of cacao cultivation in
1969 pre-Columbian America. Ann. Ass. Amer. Geog., 59: 85-96.

THE6 Bondar, G. Cacau branco na Bahia, especies e variedades de
1958 cacau. Tip Sao Judas Thaden, Bahia.

THE7 Braudeau, J. Le cacaoyer. Paris, Maisonneuve Larose.
1969 299pp.

THE8 Capot, J. & Besse, J. Les cacaoyers haut-amazoniens en Cote
1961 d'Ivoire. Cocoa Conference, Londres.

THE9 Chalmers, W.S. The conservation of wild cacao populations:
1972 the plant breeder's most urgent task. In Murray, D.B., Jones, E., Quesnel, V.C., Chalmers, W.S., Fordham, R. & Iton, E.F., eds. IV Int. Cocao Research Conf., St. Augustine, Trinidad, 8-18 January, 1972. Government of Trinidad & Tobago. p.114-118.

THE10 Chatt, E.M. Cocoa. New York, Interscience.
1950

THE11 Cheesman, E.E. Notes on the nomenclature, classification
1944 and possible relationships of cocoa populations. Trop. Agric., 21: 144.

THE12 Chevalier, A. Revision du genre Theobroma d'apres l'herbier
1946 du Museum National d'Histoire Naturelle de Paris. Rev. Bot. App., 26: 265.

THE13 Ciferri, R. & Ciferri, F. The evolution of cultivated
1957 cacao. Evolution, Lancaster, Pa., 1: 381-397.

THE14 Cook, O.F. The origin and distribution of the cocoa palm.
1901 Contrib. U.S. Natl. Herb., 7: 257-293.

THE15 Cope, F.W. Cacao. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.285-289.

THE16 Cuatrecasas, J. Cacao and its allies. A taxonomic revision
1964 of the genus Theobroma. U.S. Nat. Mus., 35, (6), Washington.

THE17 Engels, J.M.M. Genetic resources of cacao: a catalogue of
1981 the CATIE collection. CATIE, Tech. Bull. no.7. 191pp.

THE18 IBPGR Genetic resources of cocoa. Rome, IBPGR. 25pp.
1981

THE19 Leon, J. Taxonomy of cacao and related genera. In Hardy, F.,
1960 ed. Cacao Manual. IAAS, Turrialba, Costa Rica.

THE20 Lockwood, G. & Gyamfi, M.M.O. The CRIG cocoa germplasm
1979 collection with notes on codes used in the breeding programme at Tafo and elsewhere. Tech. Bull. Cocoa Res. Inst. Ghana, no.10. 62pp.

THE21 Mora Urpi, J. Notas sobre el posible origen y la
1958 variabilidad del cacao cultivado en America Tropical. Turrialba, 8: 34-43.

THE22 Patino, V.M. Historia del genero Theobroma en America
1958 equinoccial. In Plantas usuales y animales domesticos en la Grand Colombia. New York, J.S. Guggenheim Foundation.

THE23 Pound, F.J. Cacao and witchbroom disease (Marasmius
1938 perniciosus) of South America, with notes on other species of Theobroma. Yuille, Port-of-Spain, 58pp.

THE24 Rosenquist, E.A. Cocoa selection and breeding in Malaya.
1950 Malay. Agric. J., 33: 181.

THE25 Soria, J. Notes on the cacaos collected by the Brasilean
1965 International expedition to some areas of the Brasilean Amazon Basin. Cacao, 10. Turrialba, Costa Rica.

THE26 Soria, J. Notas sobre las principales variedades de cacao
1966 cultivadas en America Tropical. Turrialba, Costa Rica, 16: 261-266.

THE27 Soria, V. Primitive cultivars of cacao in America. In
1973 Frankel, O.H., ed. Survey of crop genetic resources in their centres of diversity. First report. Rome. FAO/IBP, p.119-125.

THE28 Urquhart, D.H. Cocoa, 2nd ed. New York, John Wiley.
1961

THE29 Williams, J.T. Cacao genetic resources in Latin America.
1981 Plant Genet. Resour. Newsl., 45: 20-22.

Other relevant references :

J6,J108,J184,L5,L13,L21,L25,L56,L62,L103,L112,L121,L132,L152,L185,L192, N20,R14,ECO3

VANILLA

VAN1 Bruman, H. The culture history of Mexican vanilla. Hispanic
1948 Amer. Hist. Rev., 28: 360-376.

VAN2 Correll, D.S. Vanilla - its botany, history, cultivation
1953 and economic impact. Econ. Bot., 7: 291-358.

ZINGIBER

ZIN1 Holttum, R.E. Zingiberaceae cultivated in Southern Asia.
1951 Indian J. Genet. Plant Breed., 11: 105-107.

OTHER SPICES, STIMULANTS AND FLAVOURINGS

OSS1 Bohm, B.A., Ganders, F.R. & Plowman, T. Biosystematics and
1982 evolution of cultivated coca (Erythroxylaceae). Syst. Bot., 7: 121-133.

OSS2 Courter, J.W. & Rhodes, A.M. Historical notes on
1969 horseradish. Econ. Bot., 23: 156-163.

OSS3 Eijnatten, C.L.M. van. Kola. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.284-285.

OSS4 Getahun, A. & Krikorian, A.D. Chat: [Catha edulis] coffee's
1973 rival from Harar, Ethiopia. I. Botany, cultivation and use. Econ. Bot., 27: 353-377.

OSS5 Gur Charan Singh, & Uppeandra Dhar. Origin of Kashmir
1976 saffron - a possible clue from weeds. Sci. Cult., 42: 485-487.

OSS6 Margelts, E.L. Miraa and myrrh in East Africa - clinical
1967 notes about Catha edulis. Econ. Bot., 21: 358-362.

OSS7 Neve, R.A. Hops. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.208-211.

OSS8 Rhodes, A.M. & Courter, J.W. Measurement and classification
1969 of genetic variability in horseradish. J. Am. Soc. Hortic. Sci., 94: 98-102.

OSS9 Small, E. A numerical and nomenclatural analysis of morpho-
1978 geographic taxa of Humulus. Syst. Bot., 3: 37-76.

OSS10 Small, E. The relationships of hop cultivars and wild
1980 variants of Humulus lupulus. Can. J. Bot., 58: 676-686.

OSS11 Widrlechner, M.P. History and utilization of Rosa
1981 damascena. Econ. Bot., 35: 42-58.

12 ECONOMIC PLANTS

ECONOMIC PLANTS - GENERAL

ECO1 Uphof, J.C.Th. Dictionary of economic plants. New York: 1968 Stechert-Hefner Service Agency Inc.

ECO2 Williams, J.T. & Damania, A.B. Directory of germplasm 1981 collections, 5: Industrial crops, 1. Cacao, coconut, pepper, sugarcane and tea. Rome, IBPGR. 50pp.

Other relevant references :

A223,A268,N91

HEMP AND OTHER FIBRE CROPS

CNN1 Baker, H.G. The evolution of the cultivated Kapok tree: a 1965 probable West African product. In Brokensha, D., ed. Ecology and economic development in Tropical Africa. California, University of California Press, p.185-216.

CNN2 Bye, R.A., Burgess, D. & Marestrias, A. Ethnobotany of the 1975 western tarahumara of Chihuahua, Mexico. I. Notes on the genus Agave. Bot. Mus. Leafl. Harvard Univ., 24: 85-112.

CNN3 Dempsey, J M. Fibre crops. Gainesville, Florida, University 1975 Presses of Florida. 457pp.

CORCHORUS

COR1 Kundu, B.C. Jute the world's foremost bast fibre. Econ. 1951 Bot., 10: 103-133; 203-240.

COR2 Kundu, B.C. Origin of jute. Indian J. Genet. Plant Breed., 1951 11: 95-99.

COR3 Singh, D.P. Jute. In Simmonds, N.W., ed. Evolution of crop 1976 plants. London, Longman, p.290-291.

Other relevant reference :

Q41

CNN4 Godwin, H. The ancient cultivation of hemp. Antiquity, 41:
1967 42-48; 137-138.

CNN5 Haarer, A.E. Hemp (Cannabis sativa). World Crops, 5: 445-
1953 448.

CNN6 Kirby, R.H. Vegetable fibres. London, Leonard Hill.
1963

CNN7 Li, H.L. The origin and use of cannabis in Eastern Asia.
1974 Linguistic-cultural implications. Econ. Bot., 28:
293-301.

CNN8 Simmonds, N.W. Hemp. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.203-204.

CNN9 Wienk, J.F. Sisal and relatives. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.1-4.

CNN10 Wilson, F.D. Wild kenaf, Hibiscus cannabinus L.
1978 (Malvaceae), and related species in Kenya and
Tanzania. Econ. Bot., 32: 199-204.

CNN11 Zeven, A.C. Kapok. In Simmonds, N.W., ed. Evolution of crop
1976 plants. London, Longman, p.13-14.

Other relevant references :

Q41,LIN1

GOSSYPIUM

GOS1 Abdullaev, A.A. {The evolution and systematics of polyploid
1974 cotton species.} Tashkent, Uzbek SSR, Fan. 260pp.
(In Russian)

GOS2 Afzal, M. The history and the present status of cotton in
1951 Pakistan. Indian J. Genet. Plant Breed., 11: 89-94.

GOS3 Aranha, C. {A new tetraploid species of the genus Gossypium
1969 L.} Bragantia, 28: 273-290. (In Portuguese)

GOS4 Beasley, J.O. The origin of American tetraploid Gossypium
1940 species. Amer. Nat., 74: 285-286.

GOS5 Brown, M.S. Chromosome differentiation in genomes of
1963 Gossypium. Proc. XI Int. Congr. Genet., 1: 132.

GOS6 Cherry, J.P., Kalterman, F.R.H. & Endrizzi, J.E. 1970 Comparative studies of seed proteins of species of Gossypium by gel electrophoresis. Evolution, Lancaster, Pa., 24: 431-447.

GOS7 Chowdhury, K.A. & Buth, G.M. 1970 4,500 years old seeds suggest that true cotton is indigenous to Nubia. Nature, London, 227: 85-86.

GOS8 Chowdhury, K.A. & Buth, G.M. 1971 Cotton seeds from the neolithic in Egyptian Nubia and the origin of Old World cotton. Biol. J. Linn. Soc., 3: 303-312.

GOS9 Christidis, B.G. 1963 Modern methods for the improvement of cotton. Sementi Elette, 9: 290-295.

GOS10 Cooper, H.B., Hyer, A.H. & Turner, J.H. 1977 Cotton germplasm development. Calif. Agric., 31: 14-15.

GOS11 Dariev, A.S. & Abdullaev, A.A. 1975 {The phylogeny of the genus Gossypium L.} Uzbek. Biol. Zh., 5: 36-44. (In Russian)

GOS12 Dariev, A.S. & Valichek, P. 1980 {Demarcation of Gossypium klotzschianum and G. davidsonii.} Bot. Zh., 65: 1161-1167. (In Russian)

GOS13 Fryxell, P.A. 1965 Stages in the evolution of Gossypium L. Adv. Frontiers Plant Sci., 10: 31-56.

GOS14 Fryxell, P.A. 1968 The typification and application of the Linnaean binomials in Gossypium. Brittonia, 20: 378-386.

GOS15 Fryxell, P.A. 1969 The West Indian species of Gossypium of von Rohr and Rafinesque. Taxon, 18: 400-414.

GOS16 Fryxell, P.A. 1969 A classification of Gossypium L. (Malvaceae). Taxon, 18: 585-591.

GOS17 Fryxell, P.A. 1971 Phenetic analysis and the phylogeny of the diploid species of Gossypium L. (Malvaceae). Evolution, 25: 554-562.

GOS18 Fryxell, P.A. 1972 A reconsideration of the correct name for the Hawaiian Gossypium. Sida, 5: 1-2.

GOS19 Fryxell, P.A. 1976 A nomenclator of Gossypium. The botanical names of cotton. U.S. Dep. Agric., Agric. Res. Serv. Tech. Bull., no.1491. 114pp.

GOS20 Fryxell, P.A. 1978 The correct name for the Hawaiian Gossypium: G. tomentosum. Taxon, 27: 131-132.

GOS21 Fryxell, P.A. The natural history of the cotton tribe.
1979 (Malvaceae, Tribe Gossypieae.). Texas, Texas A+M University Press, College Station.

GOS22 Fryxell, P.A. & Parks, C.R. Gossypium trilobum: an
1967 addendum. Madrono, 19: 117-123.

GOS23 Gerstel, D.U. & Phillips, L.L. Segregation in new
1957 allopolyploids of Gossypium. 2. Tetraploid combinations. Genetics, Princeton, 42: 783-797.

GOS24 Gerstel, D.U. & Phillips, L.L. Segregation of synthetic
1958 amphiploids in Gossypium and Nicotiana. Cold Spring Harb. Symp. Quant. Biol., 23: 225-237.

GOS25 Gerstel, D.U. & Sarvella, P.A. Additional observations on
1956 chromosomal translocations in cotton hybrids. Evolution, Lancaster, Pa., 10: 408-414.

GOS26 Harland, S.C. Genetical studies in the genus Gossypium and
1939 their relationship to evolutionary and taxonomic problems. Proc. 7th Int. Genet. Congr., 1: 138-142.

GOS27 Harland, S.C. Gene pools in the New World tetraploid
1970 cottons. In Frankel, O.H. & Bennett, E., eds. Genetic resources in plants. Oxford, Blackwell, p.335-340.

GOS28 Hutchinson, J.B. Intra-specific differentiation in
1951 Gossypium hirsutum. Heredity, Lond., 5: 161-193.

GOS29 Hutchinson, J.B. New evidence on the origin of the Old
1954 World cottons. Heredity, Lond., 8: 225-241.

GOS30 Hutchinson, J.B. The application of genetics to cotton
1959 improvement. Cambridge, Cambridge University Press/Empire Cotton Growing Corporation. 87pp.

GOS31 Hutchinson, J.B. The history and relationships of the
1962 world's cottons. Endeavour, 21: 497-515.

GOS32 Hutchinson, J.B., Silow, R.A. & Stephens, S.G. The
1947 evolution of Gossypium and the differentiation of the cultivated cottons. London, Oxford University Press, Empire Cotton Growing Corporation. 160pp.

GOS33 Indian Central Cotton Committee. Cotton in India. A
1960 monograph: vol.1.

GOS34 Jagathesan, D. & Swaminathan, M.S. Viability and fertility
1961 of monosomics in Gossypium hirsutum. Curr. Sci., 30: 155.

GOS35 Johnson, B.L. Gossypium palmeri and a polyphyletic origin
1975 of the New World cottons. Bull. Torrey Bot. Club, 102: 340-349.

GOS36 Johnson, B.L. & Thein, M.M. Assessment of evolutionary
1970 affinities in Gossypium by protein electrophoresis. Am. J. Bot., 57: 1081-1092.

GOS37 Kammacher, P. Etude des relations genetiques et
1965 caryologiques entre genomes voisins du genre Gossypium. Paris, Inst. Rech. Coton. Text., 132pp.

GOS38 Kammacher, P. & Poisson, C. Sur les possibilites de
1964 transferer du material genetique du cotonnier sauvage Gossypium anomalum Waw et Peyr. a l'espece cultivee G. hirsutum L. Coton Fibres Trop., 19: 243-264.

GOS39 Kamra, O.P. Effects of polyploidy on cotton fibres. Agron.
1958 J. 50: 497-499.

GOS40 Khalifa, H. Gossypium germplasm in Africa. Plant Genet.
1980 Resour. Newsl., 42: 28-31.

GOS41 Kimber, G. Basis of the diploid-like meiotic behaviour of
1961 polyploid cotton. Nature, Lond., 191: 98-100.

GOS42 Lagiere, R. Le cotonnier. Paris, Maisonneuve Larose.
1966 299pp.

GOS43 Lemeshev, N.K. & Atianov, A.V. {Wild and cultivated cottons
1975 of the USA and Central America.} Trudy Prikl. Bot. Genet. Selek., 55: 21-40. (In Russian)

GOS44 Marchand, G.L. & Wouters, W. Gossypium et Phaseolinae.
1971 Reserve de genes, phylogenie et amelioration d'especes cultivees. Bull. Jard. Bot. Nat. Belgique, 41: 43-51.

GOS45 Miller, P.A., Robinson, H.F. & Pope, O.A. Cotton variety
1962 testing: additional information on variety x environment interactions. Crop Sci., 2: 349-352.

GOS46 Mirza, M.A. Karyotypic analysis of Gossypium bickii Prokh.
1978 Pakistan Cottons, 23: 35-39.

GOS47 Mirza, M.A. The present classification of the genus
1979 Gossypium. Species currently included, their relationships and plant descriptions of recent additions. Pakistan Cottons, 23: 276-289.

GOS48 Mirza, M.A. & Shaikh, A.L. The currently recognised species
1980 of Gossypium, their relationship and description. Pakistan Cottons, 24: 283-298.

GOS49 Nicholson, G.E. The production, history, uses and
1960 relationships of cotton (Gossypium spp.) in Ethiopia. Econ. Bot., 14: 3-36.

GOS50 Oza, G.M. Wild arboreum cotton of Baroda - a primitive form
1972 of Gossypium arboreum Linn., Bull. Bot. Surv. India, 14: 167-168.

GOS51 Parks, C.R., Ezell, W.L., Williams, D.E. & Dreyer, D.L.
1975 The application of flavonoid distribution to taxonomic problems in the genus Gossypium. Bull. Torrey Bot. Club, 102: 350-361.

GOS52 Pathak, R.S. & Bindlish, C.P. Studies in the nature of
1976 genetic divergence in upland cotton (Gossypium hirsutum L.). Z. Pflanzenzucht., 76: 56-67.

GOS53 Phillips, L.L. The cytogenetics of Gossypium and the origin
1963 of New World cottons. Evolution, Lancaster, Pa., 17: 460-469.

GOS54 Phillips, L.L. The cytology and phylogenetics of the
1966 diploid species of Gossypium. Am. J. Bot., 53: 328-335.

GOS55 Phillips, L.L. Cotton. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.196-200.

GOS56 Pickersgill, B., Barrett, S.C.H. & Andrade-Lima, D. Wild
1975 cotton in northeast Brazil. Biotropica, 7: 42-54.

GOS57 Roberty, G. Hypothesis sur l'origine et les migrations des
1938 cotonniers cultives et notes sur les cotonniers sauvages. Candollea, 7: 297-360.

GOS58 Santhanam, V. & Hutchinson, J.B. Cotton. In Hutchinson,
1974 J.B., ed. Evolutionary studies in world crops: diversity and change in the Indian subcontinent. Cambridge, Cambridge University Press, p.89-100.

GOS59 Saunders, J.H. The wild species of Gossypium and their
1961 evolutionary history. London, Oxford University Press Empire Cotton Growing Corporation. 62pp.

GOS60 Silow, R.A. The genetics of species development in the Old
1944 World cottons. J. Genet., 46: 62-77.

GOS61 Singh, B.B., Murthy, B.R. & Jain, O.P. Nature of divergence
1971 among some varieties of upland cotton. Indian J. Genet. Plant Breed., 31: 363-365.

GOS62 Singh, R.B. Genetic resources of cotton in Asia. IBPGR
1981 Southeast Asian Newsl., 5, no.1: 9-11.

GOS63 Skovsted, A. Cytological studies in cotton. 1. The meiosis
1933 and the mitosis. Ann. Bot., 47: 227-251.

GOS64 Skovsted, A. Cytological studies in cotton. 2. Two
1934 interspecific hybrids between Asiatic and New World cottons. J. Genet., 28: 407-424.

GOS65 Skovsted, A. Chromosome numbers in the Malvaceae L. J.
1935 Genet., 31: 263-296.

GOS66 Skovsted, A. Cytological studies in cotton. 3. J. Genet.,
1935 30: 397-405.

GOS67 Skovsted, A. Cytological studies in cotton. 4. J. Genet.,
1937 34: 5-42.

GOS68 Smith, C.E. Plant fibers and civilization - cotton, a case
1965 in point. Econ. Bot., 19: 71-82.

GOS69 Smith, C.E. & MacNeish, R.S. Antiquity of American
1964 polyploid cotton. Science, N.Y., 143: 675-676.

GOS70 Stephens, S.G. The genetic organisation of leaf-shape
1944 development in the genus Gossypium. J. Genet., 46: 28-51.

GOS71 Stephens, S.G. Canalization of gene action in the Gossypium
1945 leaf-shape system and its bearing on certain evolutionary mechanisms. J. Genet., 46: 345-357.

GOS72 Stephens, S.G. A genetic survey of leaf shape in New World
1945 cottons - a problem in critical identification of alleles. J. Genet., 46: 313-330.

GOS73 Stephens, S.G. Cytogenetics of Gossypium and the problem of
1947 the origin of New World cottons. Adv. Genet., 1: 431-442.

GOS74 Stephens, S.G. The cytogenetics of speciation Gossypium. 1.
1949 Selective elimination of the down parent genotype in interspecific backcrosses. Genetics, Princeton, 34: 627-637.

GOS75 Stephens, S.G. The internal mechanism of speciation in
1950 Gossypium. Bot. Rev., 16: 115-149.

GOS76 Stephens, S.G. Homologous genetic loci in Gossypium. Cold
1951 Spring Harb. Symp. Quant. Biol., 16: 131-141.

GOS77 Stephens, S.G. Recombination between supposedly homologous
1961 chromosomes of Gossypium barbadense L. and G. hirsutum L. Genetics, Princeton, 46: 1483-1500.

GOS78 Stephens, S.G. Polynesian cottons. Ann. MO. Bot. Gard., 50:
1963 1-22.

GOS79 Stephens, S.G. Native Hawaiian cotton (Gossypium tomentosum
1964 Nutt.). Pacif. Sci., 18: 385-398.

GOS80 Stephens, S.G. The effects of domestication on certain seed
1965 and fiber properties of perennial forms of cotton, Gossypium hirsutum L. Am. Nat., 99: 355-372.

GOS81 Stephens, S.G. The potentiality for long range oceanic
1966 dispersal of cotton seeds. Am. Nat., 100: 199-210.

GOS82 Stephens, S.G. Evolution under domestication of the New
1967 World cottons. Cienc. Cult., 19: 118-134.

GOS83 Stephens, S.G. The botanical identification of
1970 archaeological cotton. Am. Antiq., 35: 367-373.

GOS84 Stephens, S.G. Some problems of interpreting transoceanic
1971 dispersal of the New World cottons. In Riley, C.L., Kelley, J.C., Pennington, C.W. & Rands, R.L., eds. Man across the sea. Austin, University of Texas Press, p.401-415.

GOS85 Stephens, S.G. Geographical distribution of cultivated
1973 cottons relative to probable centers of domestication in the New World. In Srb, A.M., ed. Genes, enzymes and populations. New York, Plenum Press, p. 239-254.

GOS86 Stephens, S.G. The origin of Sea Island cotton. Agric.
1976 History, 50: 391-399.

GOS87 Stephens, S.G. & Finkner, M.D. Natural crossing in cotton.
1953 Econ. Bot., 7: 257-269.

GOS88 Stephens, S.G. & Moseley, M.E. Early domesticated cottons
1974 from archaeological sites in central coastal Peru. Am. Antiq., 39: 109-122.

GOS89 Stephens, S.G. & Rick, C.M. Problems on the origin,
1966 dispersal, and establishment of the Galapagos cottons. In Bowman, R.I., ed. The Galapagos. California, University of California Press, p.201-208.

GOS90 Valicek, P. {Wild and cultivated cottons.} Prague, Vysoka
1974 skola zemedelska. 206pp. (In Czech, English summary)

GOS91 Valicek, P. Some notes on the taxonomy of the new cotton
1977 species Gossypium caicoense Aran, Leit. et Grid. Agric. Trop. Subtrop., 10: 119-128.

GOS92 Valicek, P. On the botanical characteristics of cotton
1978 plants of the subsection Anomala Tod. Agric. Trop. Subtrop., 11: 19-25.

GOS93 Valicek, P. Wild and cultivated cottons. Coton Fibres
1978 Trop., 33: 363-387.

GOS94 Valicek, P. Wild and cultivated cottons. Coton Fibres
1978 Trop., 33: 431-448.

GOS95 Valicek, P. Wild and cultivated cottons. Coton Fibres
1979 Trop., 34: 239-264.

GOS96 Valicek, P. Gossypium nelsonii Fryx. and its relation to
1979 other species of the subsection Hibiscoidea. Coton Fibres Trop., 34: 315-319.

GOS97 Watt, G. The wild and cultivated cotton plants of the
1907 world. New York, Longmans Green. 406pp.

GOS98 Werquin, J. et al. Compte rendu d'un voyage d'etudes sur la
1964 recherche cotonniere en U.R.S.S. Coton Fibres Trop., 19, p.403-436.

GOS99 Wouters, W. Contribution a l'etude taxonomique et
1948 caryologique du genre Gossypium et application a l'amelioration du cotonnier au Congo Belge. Bruxelles. Publ. Inst. Nat. Et. Agron. Cong. Belge Ser. Sc., 34: 403.

GOS100 Zaitzev, G.S. Contribution to the classification of the
1928 genus Gossypium. Tashkent, Trans. Turk. Plant Breed. St., 12: 39-65.

HEVEA

HEV1 Baldwin, J.T., Jr. Hevea, a first interpretation. J.
1947 Hered., 38: 54-64.

HEV2 Bouharmont, J. Recherches taxonomiques et caryologiques
1960 chez quelques epeces du genre Hevea. Ser. Sci., INEAC, 64pp.

HEV3 Dijkman, M.J. Hevea. Miami, Miami University Press, 329pp.
1951

HEV4 Ducke, A. Revision of the genus Hevea, mainly the Brazilian
1935 species. Arquo. Instit. Biol. Veg., Rio de J., 2: 217-346.

HEV5 Ho, C.Y. Conservation and utilization of Hevea germplasm.
1979 Malaysian Appl. Biol., 8: 1-14.

HEV6 Imle, E.P. Hevea rubber: past and future. In Seigler,
1977 D.S., ed. Crop resources. New York, Academic Press, p.119-136.

HEV7 Imle, E.P. Hevea rubber - past and future. Econ. Bot., 32:
1978 264-277.

HEV8 Majid, A. & Hendranata, A. Selection and conservation
1975 problems in Hevea with special reference to Indonesia. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.171-177.

HEV9 Schultes, R.E. The Amazon Indian and evolution in Hevea and
1956 related genera. J. Arnold. Arb., 37: 123-152.

HEV10 Schultes, R.E. Wild Hevea: an untapped source of germplasm.
1977 J. Rubber Res. Inst., Sri Lanka, 54: 227-257.

HEV11 Schultes, R.E. The odessey of the cultivated rubber tree.
1977 Endeavor,(new Ser.), 1: 133-138.

HEV12 Seibert, R.J. The uses of Hevea for food in relation to its
1948 domestication. Ann. MO. Bot. Gard., 35: 117-121.

HEV13 Subramaniam, S. & Ghani, M.N.B.A. Genetic resources of
1975 Hevea and their conservation. In Williams, J.T., Lamoureux, C.H. & Wulijarni-Soetjipto, N., eds. South East Asian plant genetic resources. Bogor, Indonesia, IBPGR, p.178-181.

HEV14 Subramaniam, S. & Ong Seng Huat. Conservation of gene pool
1974 in Hevea. In Proc. 2nd Gen. Congr. Soc. Adv. Breeding Researches in Asia and Oceania. New Delhi, Indian Society of Genetics and Plant Breeding, p.33-36.

HEV15 Wycherley, P.R. Introduction of Hevea to the orient.
1968 Planter, (Kuala Lumpur), 44: 127-137.

HEV16 Wycherley, P.R. Rubber. In Simmonds, N.W., ed. Evolution of
1976 crop plants. London, Longman, p.77-81.

Other relevant references :

J108,L25,R48

OTHER ECONOMIC PLANTS

OEC1 Brooks, W.H. 1978 Jojoba - a north American desert shrub; its ecology, possible commercialization, and potential as an introduction into other arid regions. J. Arid. Environ., 1: 227-236.

OEC2 Contant, R.B. 1976 Pyrethrum. In Simmonds, N.W., ed. Evolution of crop plants. London, Longman, p.33-36.

OEC3 Doll, R. 1982 Grundriss der Evolution der Gattung Taraxacum Zinn. Feddes Repert., 93: 481-624.

OEC4 Harten, A.M. van. 1976 Quinine. In Simmonds, N.W., ed. Evolution of crop plants. London, Longman, p.255-257.

OEC5 Hogan, L. 1979 Jojoba: a new crop for arid regions. In Ritchie, G.A., ed. New agricultural crops. Boulder, Colorado, Westview Press, for Am. Assoc. Adv. Sci., Washington, D.C. p.177-205.

OEC6 Ingram, J.S. & Francis, B.J. 1969 The annatto tree (Bixa orellana L.) - a guide to its occurrence, cultivation, preparation and uses. Trop. Sci., 11: 97-102.

OEC7 National Academy of Sciences. 1977 Guayule: an alternative source of natural rubber. Washington, D.C. 70pp.

OEC8 Vietmeyer, N.D. 1979 Guayule: domestic natural rubber rediscovered. In Ritchie, G.A., ed. New agricultural crops. Boulder, Colorado, Westview Press, for Am. Assoc. Adv. Sci., Washington, D.C. p.167-176.

13 FORAGE CROPS

FORAGE CROPS - GENERAL

FOR1 Beard, D.F. & Hollowell, E.A. 1952 The effect on performance when seed of forage crop varieties is grown under different environmental conditions. Proc. 6th Int. Grassl. Congr., p.860-866.

FOR2 Bogdan, A.V. 1977 Tropical pasture and fodder plants (grasses and legumes). London, Longman. 475pp.

FOR3 Claydon, W.D. 1981 Evolution and distribution of grasses. An. MO. Bot. Gard., 68: 5-14.

FOR4 Clements, R.J. & Cameron, D.G., eds. Collecting and testing
1980 tropical forage plants. Melbourne, CSIRO. 154pp.

FOR5 Cooper, J.P. The evolution of forage grasses and legumes.
1965 In Hutchinson, J., ed. Essays on crop plant evolution. Cambridge, Cambridge University Press, p.142-165.

FOR6 Froman, B. & Persson, S. An illustrated guide to the
1974 grasses of Ethiopia. Asella, Ethiopia, Chilalo Agricultural Development Unit. 504pp.

FOR7 Gorz, H.J. & Smith, W.F. Use of diverse germ plasm in the
1961 improvement of some forage legumes. In Hodgson, R.E., ed. Germ plasm resources. Am. Assoc. Adv. Sci., 149-159.

FOR8 Harlan, J.R. Plant exploration and the search for superior
1959 germplasm for grasslands. In Sprague, H.B., ed. Grasslands. Am. Assoc. Adv. Sci. Publ. 53: 1-11.

FOR9 Hartley, W. The development of forage crops. Span, 6: 68-
1963 71.

FOR10 Hartley, W. & Williams, R.J. Centres of distribution of
1956 cultivated pasture species and their significance for plant introduction. Proc. 7th Int. Grassl. Congr. Palmerston-North, p.190-201.

FOR11 Heath, M.E., Metcalfe, D.S. & Barnes, R.F., eds. Forages.
1973 Ames, Iowa, Iowa State University Press. 755pp.

FOR12 Humphreys, L.R. Tropical pastures and fodder crops. London,
1978 Longman. 135pp.

FOR13 IBPGR Forage genetic resources in north Africa, the near
1978 and Middle East. Plant Genet. Resour. Newsl., 33: 9-14.

FOR14 Ivanov, A.I. & Inozemtsev, V.V. {Wild perennial herbage
1974 plants of value for breeding in northern and central Kazakhstan.} Byull. Vses. Inst. Rastenievod. 42: 10-20. (In Russian)

FOR15 Jain, S. Rangeland plants. Calif. Agric., 31: 34-35.
1977

FOR16 Lazarides, M. The tropical grasses of southeast Asia
1980 (excluding bamboos). Vaduz, Liechtenstein, A.R. Gantner Verlag. 225pp.

FOR17 Luse, R.A. Preservation of forage germplasm. In Mott, G.O.,
1979 ed. Handbook for the collection, preservation and characterization of tropical forage germplasm resources. Cali, Colombia, CIAT, p.51-60.

FOR18 Magoon, M.L., Singh, A. & Mehra, K.L. Gene pool helps in
1973 improving fodder crops. Indian Farming, 23: 5-7.

FOR19 Mehra, K.L. & Magoon, M.L. Collection, conservation and
1974 exchange of gene pools of forage grasses. Indian J. Genet. Plant Breed., 34: 26-32.

FOR20 Mehra, K.L. & Magoon, M.L. Collection, conservation and
1974 exchange of gene pools of forage grasses. In Proc. 2nd Gen. Congr. Soc. Adv. Breeding Researches in Asia and Oceania. New Delhi, Indian Society of Genetics and Plant Breeding, p.26-32.

FOR21 Mendoza, R. Forage crop improvement and its germplasm
1981 resource base in the Philippines. IBPGR Southeast Asian Newsl., 5, no.3: 9-10.

FOR22 Misra, B. A preliminary survey of grasses and legumes of
1981 Ladakh. Australian Plant Intro. Rev., 13: 37-45.

FOR23 Mott, G.O., ed. Handbook for the collection, preservation
1979 and characterization of tropical forage germplasm resources. Cali, Colombia, CIAT. 95pp.

FOR24 Mott, G.O. & Hutton, E.M. Strategies of the collection and
1979 improvement of tropical forages. In Mott, G.O., ed. Handbook for the collection, preservation and characterization of tropical forage germplasm resources. Cali, Colombia, CIAT, p.1-4.

FOR25 Prine, G.M. Forage possibilities in the genus Arachis.
1964 Proc. Soil Crop Sci. Soc. Fla., 24: 187-196.

FOR26 Richards, S.V. Conservation and utilization of pasture
1981 legumes in Burma. IBPGR Southeast Asian Newsl., 5, no.3: 5.

FOR27 Scholz, H. Grassland evolution in Europe. Taxon, 24: 81-90.
1975

FOR28 Siregar, M.E. Forage and pasture legume research with
1981 special reference to genetic resources in Indonesia. IBPGR Southeast Asian Newsl., 5, no.3: 6-7.

FOR29 Wahab, H. & Mamat, M. The status of research on genetic
1981 resources of pasture legumes in Peninsular Malaysia. IBPGR Southeast Asian Newsl., 5, no.3: 7-9.

FOR30 Walton, P.D. The origin and development of world forage
1971 crops. Econ. Bot., 25: 263-266.

FOR31 Watson, L. & Clifford, H.T. The major groups of
1976 Australasian grasses: a guide to sampling. Australian J. Bot., 24: 489-507.

FOR32 Watson, L. & Dallwitz, M.J. Australian grass genera.
1980 Anatomy, morphology and keys. Canberra, Research School of Biological Sciences, Australian National University. 209pp.

FOR33 Whyte, R.O. Tropical grazing lands: communities and
1974 constituent species. The Hague, Junk. 222pp.

Other relevant references :

J55,J81,J95,J124,J128,J155,J166,J167,K10,K25,K104,L157,N11,N77,N89, P20,Q60,Q91,R33,HEL3

TEMPERATE GRASSES

TEG1 Borrill, M. Temperate grasses. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.137-142.

TEG2 Borrill, M. Evolution and genetic resources in cocksfoot.
1978 In UK, Welsh Plant Breeding Station Report for 1977, Aberystwyth, UK., p.190-209.

TEG3 Dewey, D.R. The Hordeum violaceum complex of Iran. Am. J.
1979 Bot., 66: 166-172.

TEG4 Duyvendak R. & Luesink, B. Preservation of genetic
1979 resources in grasses. In Zeven, A.C. & Harten, A.M. van., eds. Broadening the genetic base of crops. Wageningen, Centre for Agricultural Publishing and Documentation, Pudoc, p.67-73.

TEG5 Rees, H. & Jones, G.H. Chromosome evolution in Lolium.
1967 Heredity, Lond., 22: 1-18.

TEG6 Terrell, E.E. Taxonomy, morphology, and phylogeny. In
1979 Buckner, R.C. & Bush, L.P., eds. Tall fescue. Madison, Wis., American Society of Agronomy, p.31-39.

Other relevant references :

G30,G41,G42,G43,G44,G45,G46,G80,G181,J195,Q35

TEMPERATE FORAGE LEGUMES

TEL1 Altevogt, R. 1969 Variation and origin of alfalfa (Medicago spp.). Abstr. 11th Int. Bot. Congr., p.3.

TEL2 Barnes, D.K., Bingham, E.T., Murphy, R.P., Hunt, O.J., Beard, D.F., Skrdla, W.H. & Teuber, L.R. 1977 Alfalfa germplasm in the United States: genetic vulnerability, use, improvement, and maintenance. U.S. Dep. Agric. Tech. Bull. no.1571. 21pp.

TEL3 Borstel, R.C. von. & Lesins, K. 1977 On germplasm conservation with special reference to the genus Medicago. In Muhammed, A., Aksel, R. & Borstel, R.C. von., eds. Genetic diversity in plants. New York, Plenum Press, p.45-50.

TEL4 Cavazza, L. & Pacucci, G. 1963 Variabilita' genetica dei caratteri quantitativi tra tipi di erba medica nell'Italia meridionale. Genet. Agrar., 19: 41-61. (In Italian)

TEL5 Cocks, P.S., Mathison, M.J. & Crawford, E.J. 1980 From wild plants to pasture cultivars: annual medics and subterranean clover in Southern Australia. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Richmond, Royal Botanic Gardens, Kew. p.569-596.

TEL6 Crawford, E.J. 1975 Data bank and genetic conservation in annual species of the genus Medicago L. Australian Plant Intro. Rev., 10: 11-21.

TEL7 Davies, W.E. 1977 The establishment, screening and maintenance of a gene pool of white clover (Trifolium repens). Proc. 13th Int. Grassl. Congr. Leipzig, German Democratic Republic, p.198-205.

TEL8 Evans, A.M. 1976 Clovers. In Simmonds, N.W., ed. Evolution of crop plants. London, Longman, p.175-179.

TEL9 Fischer, A. 1939 Uber die Herkunft der in Deutschland angebauten Futterleguminosen. Forschungen und Fortschritte, 15: 271-272.

TEL10 Fischer, A. 1939 North America as a gene centre of various genera and species of Leguminosae. Res. and Progr., Berlin, 5: 297-299.

TEL11 Francis, C.M. 1981 The distribution and ecology of annual Medicago species in north west Libya. A report based on a plant collection tour. Australian Plant Intro. Rev., 13: 3-14.

TEL12 Gintzburger, G. Forage legumes in Libya. Plant Genet.
1980 Resour. Newsl., 43: 7-11.

TEL13 Gladstones, J.S. & McKeown, N.R. Botany and origins of
1977 serradella. [Ornithopus] J. Agric. Western Australia, 18: 10.

TEL14 Goplan, B.P., Kalton, R.R., Murphy, R.P., Skrdla, W.H.,
1979 Wilton, A.C. & Miller, D.A. Committee on preservation of germplasm. In Barnes, D.K., ed. Report of the twenty-sixth alfalfa improvement conference. South Dakota State University, Brookings, South Dakota, June 6-8, 1978. U.S. Dep. Agric., Agric. Rev. & Manuals. no.ARM-NC-7, p.66-67.

TEL15 Guinea, E. Estudio botanico de las vezas arvejas espanolas.
1953 Madrid, Alameda. 219pp.

TEL16 Gunn, C.R. A key and diagrams for the seeds of one hundred
1970 species of Vicia (Leguminosae). Proc. Int. Seed Test. Ass., 35: 773-790.

TEL17 Gunn, C.R. Seeds of native and naturalized vetches of North
1971 America. Washington, D.C., U.S. Dep. Agric., 41pp.

TEL18 Gunn, C.R., Skrdla, W.H. & Spencer, H.C. Classification of
1978 Medicago sativa L. using legume characters and flower colors. U.S. Dep. Agric., Agric. Res. Serv. Tech. Bull., no.1574, p.1-84.

TEL19 Guy, P. & Dattee, Y. Reproductive patterns of Medicago
1982 sativa. In Porceddu, E. & Jenkins, G., eds. Seed regeneration in cross-pollinated species. Proc. CEC/Eucarpia seminar, Nyborg, Denmark, 15-17 June 1981. Rotterdam, A.A. Balkema, p.125-141.

TEL20 Hanelt, P. Die intraspecifische morphologische Variabilitat
1962 von Ornithopus sativus Brot. Kulturpflanze, Beih. 3: 134-143.

TEL21 Hanelt, P. & Mettin, D. Cytosystematische Untersuchungen in
1966 der Artengruppe um Vicia sativa L.II Kulturpflanze, 14: 137-161.

TEL22 Hanson, C.H. et al. Long range regional programs for
1969 developing pest resistance and preserving germ plasm of alfalfa. Agron. Abstr., 1969: 8.

TEL23 Hermann, F.J. Vetches of the United States, native,
1960 naturalized and cultivated. U.S. Dep. Agric., Agric. Handb., 168, 84pp.

TEL24 Hollings, E. & Stace, C.A. Morphological variation in the
1978 Vicia sativa L. aggregate. Watsonia, 12: 1-14.

TEL25 Hossain, M. A revision of trifolium in the Nearer East.
1960 Notes Roy. Bot. Gard. Edinburgh, 23: 387-481.

TEL26 Ivanov, A.I. {Gene pool of Medicago L. in the centres of
1974 origin of cultivated plants and prospects of using it for breeding work.} Trudy Prikl. Bot. Genet. Selek., 52: 53-76. (In Russian, English summary)

TEL27 Ivanov, A.I. {The history, origin and evolution of genus
1977 Medicago L. subgenus Falcago (Reichb.) Grossh.} Trudy Prikl. Bot. Genet. Selek., 59: 3-40. (In Russian, English summary)

TEL28 Ivanov, A.I. {Lucerne.} Moscow, Kolos. 350pp. (In Russian)
1980

TEL29 Katznelson, J. Population studies and selection in berseem
1969 clover Trifolium alexandrinum L. and the closely related taxa. Third Ann. Rep. Volcani Inst. Agric. Res., Israel. 65pp.

TEL30 Khasanov, O.Kh. {Wild lucerne in Central Asia.} Tashkent,
1972 Uzbek SSR, Fan. 172pp.

TEL31 Lammerink, J. Genetic variability in commencement of
1968 flowering in Medicago lupulina in the South Island of New Zealand. N.Z. J. Bot., 6: 33-42.

TEL32 Lesins, K. Alfalfa, lucerne. In Simmonds, N.W., ed.
1976 Evolution of crop plants. London, Longman, p.165-168.

TEL33 Lesins, K.A. & Lesins, I. Genus Medicago (Leguminosae): a
1979 taxogenetic study. The Hague, W. Junk. 228pp.

TEL34 Metlin, D. & Hanelt, P. Uber speziatiansvorgange in der
1973 Gatteng Vicia L. Kulturpflanze, 21. 25-54.

TEL35 Muratova, V.S. {Materials to the determination of the most
1926 important forage vetches.} Trudy Prikl. Bot. Genet. Selek., 16: 99-149. (In Russian)

TEL36 Najcevska, C. & Ivanova-Bandzo, K. {A contribution to the
1972-73 knowledge of forms of vetch in the Macedonian Socialist Republic.} Godisen Zbornik Zemjodelsk. Fakul. Univ. Skopje, Poledelstvo Gradinarstvo, 25: 21-29. (In Yugoslav)

TEL37 O'Brien, A.D. Lotus species collection in the western
1975 Mediterranean, 1974. Lotus Newsl., 6: 3-7.

TEL38 Palmer, T.P. Variation in flowering time among and within
1972 populations of Trifolium arvense L. in New Zealand. N.Z. J. Bot., 10: 59-68.

TEL39 Sinskaya, E.N. {Species formation in lucerne and other
1935 plants.} Suppl. 73 Trudy Prikl. Bot. Genet. Selek., 125pp. (In Russian)

TEL40 Sinskaya, E.N. {Species formation in alfalfa in the region
1938 of the main Caucasian range and Daghestan.} Bot. Zh., 23: 321-335. (In Russian)

TEL41 Sinskaya, E.N. {Interspecific hybridisation in alfalfa.}
1941 Vertink Gibridizacte, 1: 85-91. (In Russian)

TEL42 Sinskaya, E.N. {Wild lucernes of the Caucasus and the
1948 prospect of using them in breeding and seed growing.} Trudy Prikl. Bot. Genet. Selek., 28: 11-47. (In Russian)

TEL43 Sinskaya, E.N. Diploid and tetraploid species of
1959 wildgrowing alfalfa in the flora of the U.S.S.R. Can. J. Bot., 37: 1136-1138.

TEL44 Sinskaya, E.N. {The most important forage plants of the
1960 north Caucasus.} Trudy Prikl. Bot. Genet. Selek., 33: 149-204. (In Russian)

TEL45 Sinskaya, E.N. & Maleeva, Z.P. {Ploidy in perennial species
1959 of lucerne.} Bot. Zh. 44: 1103-1113. (In Russian)

TEL46 Small, E. An alfalfa germplasm expedition in Turkey. Forage
1981 Notes, 25: 56-66.

TEL47 Srivastava, L.M. Cytogenetical studies in certain species
1963 of Vicia. Cytologia, 28: 154-169.

TEL48 Stanford, E.H. Genetic resources in alfalfa and their
1977 preservation. Calif. Agric., 31: 22-23.

TEL49 Svensnikova, T.N. Cytogenetical analysis of heterosis in
1940 hybrids of Vicia. J. Hered., 31: 349-360.

TEL50 Taylor, N.L., Gibson, P.B. & Knight, W.E. Genetic
1977 vulnerability and germplasm resources of the true clovers. Crop Sci., 17: 632-634.

TEL51 Tupikova, A. {Botanico-agronomical investigations of annual
1926 vetches.} Trudy Prikl. Bot. Genet. Selek., 16: 151-246. (In Russian)

TEL52 Utkin, W.W. {Seeds of wild vetches from the Crimea.} Dokl.
1969 Akad. Nauk SSSR, 2: 101-110. (In Russian)

TEL53 Watanabe, K. Variation of the time of seed germination in
1975 Vicia augustifolia L. var. segetalis. In Matsuo, T., ed. JIBP synthesis. vol.5. Gene conservation - exploration, collection, preservation and utilization of genetic resources. Tokyo, University of Tokyo Press, p.33-40.

TEL54 Whyte, R.O. Taxonomic geography and the breeding of fodder
1976 legumes in South Asia. Forage Research, 2: 19-24.

TEL55 Whyte, R.O. The origin and domestication of berseem
1978 (Trifolium alexandrinum). Forage Res., 4: 181-183.

TEL56 Yamamoto, K. Studies on the hybrids among the Vicia sativa
1961 L. and its related species. Mem. Fac. Agric. Kagawa Univ., 21. 104pp.

TEL57 Yamamoto, K. Karyotaxonomical studies in Vicia. I. On the
1973 karyotype and character of some annual species of Vicia. Jap. J. Genet., 48: 315-327.

TEL58 Zohary, M. Origins and evolution in the genus Trifolium.
1972 Bot. Notiser, 125: 501-511.

TEL59 Zohary, M. A revision of the species of Trifolium sect.
1972 Trifolium (Leguminosae). 2. Taxonomic treatment. Candollea, 27: 99-158.

Other relevant references :

E100,J66,J182,J196,L207,Q41,Q139

TROPICAL GRASSES

TRG1 Arora, R.K., Mehra, K.L. & Hardas, M.W. The Indian gene
1975 centre: prospects for exploration and collection of herbage grasses. Forage Res., 1: 11-22.

TRG2 Hacker, J.B. & Jones, R.J. The Setaria sphacelata complex -
1969 a review. Trop. Grasslands, 3: 13-34.

TRG3 Harlan, J.R. Tropical and sub-tropical grasses. In
1976 Simmonds, N.W., ed. Evolution of crop plants. London, Longman, p.142-144.

TRG4 Judd, B.I. Handbook of tropical forage grasses. New York,
1979 Garland. 116pp.

Other relevant references :

B75,G83

TROPICAL FORAGE LEGUMES

TRL1 Burt, R.L. & Reid, R. Exploration for, and utilization of, 1976 collections of tropical pasture legumes, III. The distribution of various Stylosanthes species with respect to climate and phytogeographic regions. Agro-Ecosystems, 2: 319-327.

TRL2 Clements, R.J. & Williams, R.J. Genetic diversity in 1980 Centrosema. In Summerfield, R.J. & Bunting, A.H., eds. Advances in legume science. Richmond, Royal Botanic Gardens, Kew, p.559-567.

TRL3 Mehra, K.L. & Magoon, M.L. Gene centres of tropical and 1974 sub-tropical pasture legumes and their significance in plant introductions. In Plant introduction, breeding and seed production. Moscow. XII Int. Grassland. Congr., p.251-256.

TRL4 Mehra, K.L., Singh, C.B. & Kohli, K.S. Divergence and distribution of fodder characters in world collection of cowpea. Indian J. Hered., 1: 53-58.

TRL5 Oakes, A.J. Germplasm collection. Leucaena Newsl., 1: 48-
1980 49.

TRL6 Rocha, G.L.da et al. {Collection, identification and 1979 distribution of Brazilian tropical forage legumes, central Brazil, Phase 1.} Bol. Indust. Anim., 36: 255-324. (In Portugese)

TRL7 Skerman, P.J. Tropical forage legumes. Rome, FAO. 609pp.
1977

Other relevant reference :

G34

OTHER FORAGE CROPS

OFR1 Goodin, J.R. Atriplex as a forage crop for arid lands. In 1979 Ritchie, G.A., ed. New agricultural crops. Boulder, Colorado, Westview Press, for Am. Assoc. Adv. Sci., Washington, D.C. p.133-148.

OFR2 National Academy of Sciences. Leucaena, promising forage 1977 and tree crop for the tropics. Washington, D.C., Nat. Acad. Sci. 112pp.