

A.I.D. BIBLIOGRAPHY SERIES:
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POULTRY
DEVELOPMENT
PROGRAMS

A Selected List of References for A.I.D. Technicians

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Agency for International Development
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INTRODUCTION

This bibliography is one of a series designed as a guide to AID reports and documents. AID employees should be able to benefit by the Agency's past experience and one method of doing this is the reading of reports on past activities. The annotated listings in this particular bulletin reflect the experience of AID with technical assistance programs in the field of poultry development.

To Obtain Retention of Loan Copies

If an overseas technician wishes to obtain a publication issued by an AID mission for his own files, he should address his request directly to the mission.

If the desired publication was issued by AID/Washington, or any agricultural agency, either federal or state, the technician should address his request to the AID Agriculture and Rural Development Service. The mailing address of this Service is:

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Washington, D.C. 20523

Members of the AID/Washington staff who wish to obtain copies of publications for their own files may call Mrs. Ruth Lancetti, Technical Information Officer, WOH/ARDS.

If distribution copies are not available, ARDS will advise regarding sources, including use of the AID Reference Center.

Single copies of all publications listed in this bibliography are available for reference purposes in the AID Reference Center, Room 1656 New State Building.

Guides to Use of This Bibliography

1. A first point of reference should be the bibliographic classifications used in the table of contents to see if the topic of particular interest to the technician is included there.

2. The annotations of publications will sometimes indicate coverage of a specific topic which may be of interest.

3. At the end of each section of Part I of this bibliography there is a Cross Reference listing which directs attention to reports, in Part II covering the same topic.

4. The evaluation documents in this bibliography are primarily end-of-tour reports. The most widely reported program was in India, covered by listings Nos. 6, 17 through 20, and 26. Other reports of this type are Nos. 11-12, 16, 27-29, 32, 34, 36, 39.

5. For a basic training manual, see item No. 1.

Sources of Other Publications

1. Additional pamphlet materials on poultry are included in the publications lists of the U.S. Department of Agriculture and of the Food and Agriculture Organization in Rome. Copies of these lists are available from the Agriculture and Rural Development Service, WOH, AID/Washington. One pamphlet from the FAO in the AID Reference Center collection is Poultry Keeping in Tropical Areas by Werner Thoman, 1968, 59 pp. A bibliography of 11 publications is included on page 59. ARC Catalog No. 636.5, F686. (ARC refers to AID Reference Center.)

2. Any poultry technician going through Washington may want to visit the facilities and obtain the latest information on poultry research at the Poultry Research Branch of the Agriculture Research Center at Beltsville, Maryland. The Interdepartmental Code No. is 1234 and the extension number of this Branch is 243.

Additional Suggestions

Suggestions as to distribution or format of this bibliography, or of additional publications to be included in it (along with two copies of each) should be addressed to the AID Program and Technical Information staff as follows:

PPC/PRB/PTIS
Agency for International Development
Washington, D.C. 20523

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PART I - MATERIALS BY SUBJECT COVERED

Management

1. Hess, Uleen and Roque C. Pacariem, TEACHING GUIDE IN POULTRY MANAGEMENT. Cir. 1958, 189 pp. AID/Manila. ARC Catalog No. PH 636.5, H586. *

A guide to assist teachers in agricultural schools prepare lesson plans for training students in better methods of poultry production under Philippine conditions. "How-to-do-it" instructions are given on selecting the poultry farm site, incubation, brooding, growing replacements, building and equipment types, layer management, disease prevention, and record keeping. Good instruction manual on small flocks.

2. Walker, Jack, GHANA LIVESTOCK DEVELOPMENT HANDBOOK. June 1967, 127 pp. A cooperative project between USAID/Accra, Ghana and the Ministry of Agriculture, Republic of Ghana. ARC Catalog No. GH 636, U58a.

Presents an approach to livestock development for Ghana. Fifteen pages are devoted to poultry, stressing the type of chickens to use, disease control, management, feed formulation, housing and equipment. Cattle, swine, sheep and goats are dealt with along similar lines.

3. Jull, Morley A., DEVELOPING A SOUNDER COMMERCIAL POULTRY INDUSTRY IN GREECE. April 1957, 18 pp. USOM/Athens, Greece. ARC Catalog No. GR 636.5, J94.

The author draws on his experience in research, teaching, administration, and poultry textbook preparation to present plans for developing the poultry industry in Greece. He suggests "method demonstrations" for extension workers, research projects in breeding, nutrition, housing, egg quality and care to be conducted at the Agricultural University.

Cross References: See also Nos. 14, 16, 17, 19, 21, 28, 30.

* ARC is the abbreviation for AID Reference Center located in Room 1656 New State Building, AID/Washington.

Breeding

4. Marble, Dean K., REPORT ON ISRAEL POULTRY BREEDING. 1955, 49 pp. USOM/Tel Aviv, Israel.
ARC Catalog No. IS 636.50824, M315.

Presents an analysis of the poultry breeding program in Israel, followed by recommendations. Reproduces copies of talks presented at the four-day Poultry Breeding School in Israel on such topics as genetics, selection procedure and pedigree records.

Cross References: See also Nos. 3, 16, 24, 25, 28, 30.

Brooding Chicks

5. Herrick, Jr., Lee W., POULTRY FOR PROFIT, n.d., 21 pp. Philippine National Media Production Center, Manila, Philippines. ARC Catalog No. 636.5, H566.

A chick brooding bulletin for use by poultry producers. Discusses and recommends types of equipment and proper management.

Cross References: See also Nos. 1, 17, 32.

Feeding

6. Halbrook, E.R., Yash Pal Neb and N. S. Gareival, A SUMMARY OF CHICK FEEDING TRIALS, DELHI MODEL POULTRY FARM, DELHI CANTONMENT, NEW DELHI. 1958, 17 pp. U.S. Technical Cooperation Mission, New Delhi, India. ARC Catalog No. IN 636.5084, U58.

Feeding trials were conducted to determine levels of various feed ingredients to recommend to poultrymen. Details of tests are given in tables and in comments. Conclusions on the value, use, and limitations of local ingredients are based on the results of six feeding trials. Good information for developing countries.

Cross References: See also Nos. 14, 17, 24, 25, 28, 30, 32.

Housing and Equipment

7. Stopper, William W. and Pran Vohra, POULTRY MANAGEMENT. 1962, 61 pp. USAID/New Delhi, India. ARC Catalog No. IN 636.5, U58.

A bulletin providing beginning poultrymen and students with basic information on brooding chicks, growing replacements, layer management, house and equipment construction.

Cross References: See also Nos. 1, 2, 3, 17, 24.

Marketing

8. Hamann, Henry G.F., POULTRY MARKETING IN EASTERN NIGERIA, a Survey Report and Recommendations to the Ministry of Agriculture, Eastern Nigeria. USAID/Lagos, Nigeria. USAID Consultant Report No. C-39. April 1963, 26 pp. ARC Catalog No. NI 636.5, H198.

The purpose of this survey was to canvass the poultry situation in the region and recommend the rate of expansion that could be safely undertaken. It points out that a sound marketing program requires a thorough knowledge and understanding of processing procedures and marketing practices. A survey of production and marketing conditions in several cities was made. Practical recommendations are given which apply not only to Eastern Nigeria but would be useful in many other developing countries. Attachments include suggested poultry diets, egg packaging layout and a processing layout with specifications.

9. Rust, Charles H., POTENTIAL FOR POULTRY MARKETING IN WEST CAMEROON. December 1966, 21 pp. Report No. NEF/C-2. Contract No. AID/AFR-193. Near East Foundation for the Agency for International Development, Washington. ARC Catalog No. CM 636.5, R971.

Provides a plan for private poultry enterprise development, emphasizing interrelationship of good production practices and sound marketing methods. Gives a few production practices, recommends and outlines a cooperative marketing plan.

10. Paulhus, Norman G., FINAL REPORT ON POULTRY MARKETING. December 1960, 20 pp. USAID/Georgetown, Guyana. ARC Catalog No. BG 636.5, U58.

Feed manufacturing facilities, sanitation in poultry processing, refrigerated facilities, personnel and public relations are thoroughly examined and recommendations presented. A National Poultry Advisory Committee is recommended to provide better communications between the Department of Agriculture and the poultry industry.

Cross References: See also Nos. 14, 17, 18, 30, 31.

Pathology

11. Siccardi, Frank, END-OF-TOUR REPORT OF THE ADVISOR ON POULTRY PATHOLOGY. August 1964 to July 1966, 17 pp. Department of Veterinary Science, Michigan State University Advisory Group, University of Nigeria, Nsukka. USAID/Lagos, Nigeria. ARC Catalog No. NI 378.669, M624a.

Describes development of the poultry pathology program in the Department of Veterinary Science at the University of Nigeria. Major objectives were teaching, research facility development, identification of the problems in poultry diseases, activities of the commercial poultry industry, diagnostics, and young farmer club projects. Methods of overcoming problems encountered in these areas, and the results accomplished were described.

12. Levine, P.P., THE DEPARTMENT OF POULTRY DISEASES AT THE VETERINARY INSTITUTE, Beit Dagan. May 1962, 25 pp. plus appendix. USAID/Tel Aviv, Israel. ARC Catalog No. IS 636.5, L665.

A discussion of Dr. Levine's assignment to assist the Veterinary Institute establish a department of poultry diseases. It gives the problems, program, accomplishments, and inter-departmental relationships involved in establishment of the new department. An appendix outlines the procedure for studying the more important disease problems.

13. Armstrong, W.R., REPORT OF ACTIVITIES AND OBSERVATIONS TO PREVENT POULTRY DISEASE PROBLEMS IN ARGENTINA. August 1962, 6 pp. plus 4 pages of appendices. USAID/Buenos Aires, Argentina. ARC Catalog No. AR 636.5, A739.

Reports on the activities of the consultant, and describes the immediate basic needs for poultry disease control in Argentina. Gives recommendations.

Cross References: See also Nos. 1, 2, 17, 34.

Training

Cross References: See Nos. 1, 11, 13, 17, 19, 21, 22, 24, 25, 27, 29, 31, 32, 37.

PART II COUNTRY PROGRAMS

Argentina

Cross References: See Nos. 5 and 13.

Brazil

14. A PROPOSAL FOR THE USE OF TITLE II SECTION 202. P.L. 480 FEED GRAINS IN POULTRY AND ANIMAL PRODUCTION DEVELOPMENT IN THE AREA OF VITORIA, STATE OF ESPIRITO SANTO, BRAZIL. April 1966, 38 pp. Food for Peace, USAID/Rio de Janeiro, Brazil. ARC Catalog No. BL 636, U58c.

Describes what Brazil has already done to meet self-help requirements for receiving Title II Section 202, P.L. 480 corn to develop the poultry and swine industries. Suggests how the assistance will improve management, feeding, marketing, and thus develop the poultry and swine industries.

15. Mellor, David S., END-OF-TOUR REPORT OF THE POULTRY ADVISOR. Airgram from USCM/Rio de Janeiro, Brazil, to ICA/Washington, TOICA A-1544, April 20, 1959, 3 pp. Cat. No. BL 636.5, M527.

Report briefly lists poultry activities in which the author has participated.

16. Mellor, David S., END-OF-TOUR REPORT OF THE POULTRY ADVISOR. Airgram from USAID/Rio de Janeiro, Brazil, to AID/Washington, TOAID A-1535, May 14, 1962, 8 pp. ARC Cat. No. BL 636.5, M527a.

The report covers the accomplishments, difficulties and future direction of the poultry industry in Brazil. Management, feeds, breeding, marketing problems and cooperation with Brazilian and international agencies were discussed.

Cameroon

Cross Reference: See Nos. 9, 40.

Ghana

Cross Reference: See No. 2

Greece

Cross Reference: See No. 3.

Guyana

Cross Reference: See No. 10.

India

17. Moore, Earl N., POULTRY DEVELOPMENT IN INDIA. January 1964, 69 pp. Government of India, U.S. International Cooperation Administration, and Kansas State University, Manhattan, Kansas. USAID/New Delhi, India. ARC Catalog No. IN 636.5, K16.

A textbook type bulletin on poultry husbandry. Has practical recommendations for feeding, management, house and equipment construction, disease control, brooding, incubation, economics of raising poultry, and marketing methods in India. Discusses teaching, research and extension at the Agricultural University as it assists poultry development.

18. Brady, Ignatius C., END-OF-TOUR REPORT OF THE POULTRY ADVISOR. Airgram from USAID/New Delhi, India to AID/Washington, TOAID A-1521, May 17, 1965, 7 pp. ARC Cat. No. IN 636.5 B812.

Poultry production had expanded and improved in popularity under former poultry advisors, and production had outstripped marketing facilities. Mr. Brady was a poultry marketing and processing advisor, and his emphasis was on modern marketing and processing.

19. Stopper, William W., END-OF-TOUR REPORT OF THE POULTRY ADVISOR. Airgram from USAID/New Delhi, India to AID/Washington, TOAID A-293, July 31, 1962, 9 pp. ARC Cat. No. IN 636.5, S883.

Describes a pilot project for starting small producers, 100-layer size, in business. Sound poultry practices are emphasized with practical training, and development leading towards commercial flocks of 1,000 layers. A poultry cooperative was started.

20. Halbrook, E.R. and Tulsa Ram, POULTRY DEVELOPMENT IN INDIA. August 1958, 24 pp. U.S. Technical Cooperation Mission, New Delhi, India. ARC Catalog No. IN 636.5, U58.

Presents practical recommendations on all phases of poultry production as adapted to India and other developing countries. Text is in English and Hindi; well illustrated.

21. O.S.U.---USAID ANNUAL REPORT, FOR NOVEMBER 1, 1965 - OCTOBER 31, 1966, 15 pp. Ohio State University and USAID Inter-Institutional Agricultural Education and Research Mission, Punjab Agricultural University, Ludhiana. USAID/New Delhi, India. ARC Catalog No. IN 630.711, 037.

Pages 8 to 10 describe poultry science work conducted at the Punjab Agricultural University with advice of an Ohio State Poultry scientist. Principal activities were the poultry Master of Science Program, poultry farm management, extension and publications.

22. THE OHIO STATE UNIVERSITY--USAID PUNJAB AGRICULTURAL UNIVERSITY INTERIM REPORT. Contract No. AID/NESA-147. NOVEMBER 1, 1966 TO JUNE 30, 1967, 38 pp. Ohio State University, Inter-Institutional Agricultural Education and Research Mission and USAID, and Punjab Agricultural University, Ludhiana. USAID/New Delhi, India. ARC Catalog No. IN 630.711, 037a.

Pages 9 to 16 describe methods of teaching poultry science, and research and extension activities at the University.

23. THE COLLEGE OF AGRICULTURE AND HOME ECONOMICS, THE OHIO STATE UNIVERSITY PROGRAM WITH UNIVERSITY OF UDAIPUR, FOURTH REPORT TO USAID. Contract No. AID/NESA-148. JULY 1, 1967 TO JUNE 30, 1968, 47 pp. USAID/New Delhi, India. ARC Catalog No. IN 630.711, 037.

Pages 39 to 44 describe post-graduate poultry science work conducted at the University of Udaipur.

24. ANNUAL REPORT, OSU-USAID CONTRACT. Contract No. OSU/AID/NESA-148. NOVEMBER 1, 1964 TO OCTOBER 31, 1965, 25 pp. Ohio State University, USAID Inter-Institutional Agricultural Education and Research Mission, University of Udaipur, Rajasthan. USAID/New Delhi, India. ARC Catalog No. IN 630.711, 037.

Pages 16 to 21 cover the poultry advisor's activities. A teaching, research and extension program was organized and implemented. Private growers were assisted with breeding stock, feeding, house and equipment construction, and management advice.

25. INTERIM REPORT. Contract No. AID/NESA-148. NOVEMBER 1, 1966 to JUNE 30, 1967, 42 pp. The Ohio State University Program with The University of Udaipur, Rajasthan. USAID/New Delhi, India. ARC Catalog No. IN 630.711, 037.

Pages 38 and 39 cover the poultry advisor's activities. Personnel, facilities and program in poultry science were expanded at all three campuses. Additional farm laboratory facilities were completed. Work in breeding, nutrition and egg quality research was conducted. An extension program emphasized carrying practical facts to poultrymen.

26. Nelson, Elgar M., END-OF-TOUR REPORT OF THE POULTRY ADVISOR. Airgram from USAID/New Delhi, India to AID/Washington, TOAID A-1419, May 13, 1966, 10 pp. Cat. No. IN 636.5, N425.

Describes the background situation with respect to poultry development, the improvement program attempted, and the results achieved. Recommendations are presented.

Cross References: See also Nos. 6, 7, 41.

Israel

Cross References: See Nos. 4, 12.

Kenya

27. Moore, Frank E., END-OF-TOUR REPORT OF THE POULTRY ADVISOR. Airgram from USAID/Nairobi, Kenya to AID/Washington, TOAID A-159, August 24, 1964, 7 pp. Cat. No. KE 636.5, M821a.

A poultry advisor, with other assigned duties, describes the attempts made through education and extension methods to provide some assistance on poultry raising. The aim was to stimulate the Kenya government to adopt a more active program to encourage poultry production. Several poultry projects were developed to promote the adoption of better methods. Advisor recommends an emphasis on private enterprise.

Laos

28. Moore, H.L., END-OF-TOUR REPORT OF THE POULTRY ADVISOR. Airgram from USOM/Vientiane, Laos, TOICA A-1021, June 14, 1960, 10 pp. ARC Catalog No. LS 636.5, M822.

Main activities were stimulation of feed grain production, improvement of poultry management practices and breed improvement. Results were statistically measured in number of chickens produced and distributed. Emphasis was on problems and recommendations on improved practices.

Lebanon

29. Ware, Henry G., POULTRY IN LEBANON, OUT OF THE PAST, INTO THE PRESENT, 1951 TO 1959. April 1959, 58 pp. Ministry of Agriculture, Government of Lebanon and the U.S. Point Four Mission, Beirut, Lebanon. ARC Catalog No. LE 636.5, U58.

A historical review of the situation in 1948 and of the development of a poultry industry up to 1959 as influenced by the technical assistance program. Describes the training of personnel, and the development of a government poultry demonstration farm, an agricultural extension service and private poultry enterprises. Includes recommendations. Gives the record of a seven-year poultry project.

30. Jull, Morley A., A REPORT AND RECOMMENDATIONS ON POULTRY IN LEBANON. October 1957, 22 pp. USOM/Beirut, Lebanon. ARC Catalog No. LE 636.5, U58.

A textbook type approach with techniques adapted to Lebanon's conditions. Discusses breeding and nutrition research at Lebanon's Government Farm, and gives recommended management practices for chicks and layers, and for marketing. Discusses administrative problems of concern to poultry industry men and government officials.

Nigeria

31. Davis, Charles L., TERMINAL REPORT OF THE POULTRY ADVISOR, EASTERN NIGERIA. February 1962, 5 pp. USAID/Lagos, Nigeria. ARC Catalog No. NI 636.5, D261.

A terminal report on the development of the Regional Poultry Center at Abakaliki. A farm center was developed, feed improved, and poultry extension work conducted, including lectures, courses, practical training, farm visits, marketing, preparation of illustrative material, and establishment of commercial growers. Eight recommendations given.

32. Davis, George T., END-OF-TOUR REPORT OF THE POULTRY ADVISOR, NIGERIA, EASTERN REGION. Contract No. AID/AFR-447 with Colorado State University. July 1967, 16 pp. USAID/Lagos, Nigeria. ARC Catalog No. NI 630.7, C719.

Political unrest and eventual cessation of the project as a result of war in Eastern Nigeria influenced program development and resulted in premature ending of the advisor's tour at Umudike. The report points out the types of problems likely to be encountered in the early stages of many technician's tours. Activities were planned and carried out in research teaching, extension, and improvement of college poultry farm facilities. Recommendations are given and regional problems relating to lighting, brooding temperature and feeding received attention.

33. Totten, Arthur S., END-OF-TOUR REPORT OF THE POULTRY ADVISOR, NIGERIA, EASTERN REGION. Contract No. AID/AFR 447 with Colorado State University. 1965-67, 9 pp. USAID/Lagos, Nigeria. ARC Catalog No. NI 630.7, C719.

Also, Totten, Arthur S., END-OF-TOUR REPORT OF THE POULTRY ADVISOR, NIGERIA, EASTERN REGION. Contract No. AID/AFR-447 with Colorado State University. January 1967 to July 1967, 2 pp. USAID/Lagos, Nigeria. Both reports bound in same folder. ARC Catalog No. NI 630.7, C719.

The first report describes the situation as the advisor found it at Abakalike upon reporting to duty on his first tour. The plan was to continue, improve and expand the program as carried on by the former AID poultry advisor who had served two tours. Plan of work, accomplishments and recommendations are given. The second report covers the few months of the technician's second tour before evacuation due to the war situation. Host government personnel problems, local customs and the Nigerian economy are discussed.

34. Kaschula, Victor R., END-OF-TOUR REPORT OF THE POULTRY ADVISOR. Airgram from USAID/Lagos, Nigeria to AID/Washington, TOAID A-138, December 7, 1961, 11 pp. ARC Cat. No. NI 636.5, K19

Dr. Kashula, a veterinarian, was poultry advisor at Kaduna in Northern Nigeria. Although he was requested to do disease analysis work, he realized early in the tour that modern methods of husbandry were lacking, so a poultry husbandry advisor was also brought in. A disease survey was made, and 10,000 birds were post-mortemed in his four years' duty. Field research on mass methods of spray vaccination for Newcastle disease resulted in a quick practical system of control for village conditions.

35. Halbrook, Everett, A PICTORIAL REPORT OF LIVESTOCK DEVELOPMENT IN NIGERIA. May 1966, 42 pp. USAID/Lagos, Nigeria. ARC Catalog No. NI 636, HL57.

A brief report of all livestock projects: poultry, cattle, swine, dairy, veterinary services, range management, meat processing and marketing, being assisted by USAID in Nigeria through direct-hire technicians and university contracts. A total of 19 projects are listed for all regions.

Cross References: See also Nos. 8, 11, 42-45.

Pakistan

36. Herrick, Jr., Lee W., POULTRY IN PAKISTAN 1951-60. May 1960, 54 pp. USOM/Karachi, Pakistan. ARC Catalog No. PK 636.5, U58.

This is a historical report for the period 1951 to 1955 plus a review of the AID poultry program in Pakistan from 1955 to 1960. Shows the progress on the government farms, in government poultry activities at village level, in extension work, and in private enterprise. Recommendations are given.

Peru

37. Bumgardner, Harvey L., END-OF-TOUR REPORT OF THE POULTRY SCIENCE ADVISOR. Airgram from USAID/Lima, Peru to AID/Washington, TOAID A-1083, February 25, 1966, 5 pp. ARC Cat. No. PE 636.5, B941.

The writer served as an advisor on Poultry Science to the Universidad Agraria. His duties included teaching, research, demonstration programs, and extension. Differences between U.S. and Peruvian practices are stressed. Industry-University cooperation in educational program development was initiated. Suggestions are made for future program activities.

Philippines

Cross Reference: See No. 1.

Tunisia

38. Ivory, Boyd A., END OF TOUR REPORT OF THE POULTRY ADVISOR. Airgram from USOM/Tunis, Tunisia to ICA/Washington, TOICA A-918, April 26, 1961, 4 pp. ARC Catalog No. TN 636.5, 196.

The stated objective of the tour was to establish a poultry industry. Emphasis was on buildings, training, and distribution of chickens.

Cross Reference: See also Item No. 46.

Vietnam

39. Herrick, Jr., Lee W., POULTRY SITUATION IN VIETNAM, 1966-68. August 1968, 13 pp. USAID/Saigon, Vietnam. ARC Catalog No. VS 636.5, U58.

Reports on the poultry situation in Vietnam covering activities of government, private entrepreneurs, and voluntary agencies. Contains recommendations for further poultry development.

ADDENDUM

Cameroon

40. Davis, Charles L., POULTRY PRODUCTION POSSIBILITIES FOR WEST CAMEROON. Report No. I. 1964, 29 pp. AID/Yaounde, Cameroon. ARC Catalog No. CM 636.5, D261.

India

41. Halbrook, E.R., END OF TOUR REPORT, POULTRY DEVELOPMENT IN INDIA AND TCM AID. TOICA A-639, September 22, 1958, 20 pp. ARC Catalog No. IN 636.5, H157.

Nigeria

42. Davis, Charles L., END OF TOUR REPORT, POULTRY SPECIALIST, ABAKALIKI, NIGERIA. TOAID A-1023, January 7, 1965, 14 pp. ARC Catalog No. NI 636.5, D261a.
43. Njaka, Thelma D., END OF TOUR REPORT, POULTRY PATHOLOGIST, EASTERN NIGERIA. TOAID A-454, September 14, 1967, 5 pp. ARC Catalog No. NI 636.5, N738.
44. Sutton, Joe, END OF TOUR REPORT, POULTRY ADVISOR, LAGOS, KADUNA, NIGERIA. 1963-1966, 4 pp. ARC Catalog No. NI 636.50824, S967.
45. Williams, Edward W., END OF TOUR REPORT, LIVESTOCK (POULTRY) SPECIALIST, NIGERIA (WESTERN). TOAID A-1317, March 10, 1966, 7 pp. ARC Catalog No. NI 636.5, W722.

Tunisia

46. Ivory, Boyd A., END OF TOUR REPORT FOR POULTRY ADVISOR, TUNIS. TOAID A-366, October 10, 1963, 3 pp. ARC Catalog No. TN 636.5, I96a.

United Arab Republic

47. Ivory, Boyd A., END OF TOUR REPORT FOR POULTRY ADVISOR, CAIRO. TOAID A-508, April 17, 1965, 5 pp. ARC Catalog No. UA 636.508, I96.