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MONTHLY REPORT; IUTAD-PURDUE-AID

Nov. 1982; J. L. Ahlrichs

Professors Outhouse and Martin finished their work here and went on to the university of Evora. Each completed 15 hours of teaching in a 30 hour short course on Animal Improvement and production. There were 63 certificates of participation given out of which 13 weretaking it for credit with Purdue University. The Zootecnia department used the visitors well and did an excellent job of managing the short course. IUTAD in general does an excellent job of hosting visiting experts and typically works them hard.

Professor Martin also gave a series of night classes on the statistics of least squares handling of systems with special difficulties do to uneven numbers of data. Professor Outhouse put a lot of time into field and classroom work with Engr9 Azvedo, our sheep production man, introducing practical ideas in sheep management and in teaching and extension.

Professors Martin and Outhouse attracted other scientists to visit here. Dr Terrill, an expert in sheep and goat production from the USDA in Beltsville Maryland visited two days at the close of the Madrid International Meeting on Animal Improvement and gave the opening lecture for the course. Mr Niel McCall Smith a noted Scottish sheep farmer and advisory board member of the Highland Grass and Pasture Research Center visited for two weeks, participating in teaching and extension activities and closed our short course with a lecture. Dr. Francisco Arosco, Chief of the Animal Improvement Section of the Agricultural Research Group in Madrid and a Ph D from Purdue University spent two days with us and gave a seminar on practical animal breeding. Dr Monteiro, a noted Portuguese breeding expert also spent one week with us to assist in the course as a translator and auxillary contributor to discussion.

Simultaneously we have had Professor Steve Bunting here from Idaho working with Engr9 Francisco Rego. They have a very good working relationship based on Regos prior visit to Idaho. They have been collecting data and doing controlled burning as a development of Regos research both fro the standpoint of improving mountain pastures and reducing the serious forest fire problem. The regional forest servic personnel have been working closely with them. This appears to be anothersuccessful activity of the IUTAD-Purdue program and we are pleased with Prof. Bunting. We need now to continuethese useful relationships between IUTAD faculty and those from the USA who have been especially effective.

I visited the La Coruña station of the Spanish agricultural research program and spent the day with Dr Francisco Mombiela who is a North Carolina Ph D and who has an excellent program on soil fertility, liming and pasture establishment. He shared his research manuscripts in progress and stimulated our thinking about our comparable problems in Tras-os-Montes. We need a way to have easier

traffic across the Spanish border to encourage more interaction with the Spanish researchers at La Coruna, Santiago, Ponte Vedre and Salamanca.

We established some interaction with the Institute of Cultural Affairs people working out of Lamego. Some of the IUTAD staff have been giving them occaisional assistance. This international group is doing grass roots work in 10 villages. We are encouraging them to work closely with MACP, IUTAD and other regional and local organizations.

We have had more response to my request for contibutions to our library. Thirty six books contributed by Profs Taylor and Garoyan arrived. From the efforts of Prof Martin who taught in the animal science short course we have received over 20 books on breeding and on statistics which were contributed by Dr Martin and his colleagues at Purdue as well as some purchased for the course by the Purdue International Programs office. The largest gift was by Dr Marvin Phillips of the Purdue Agronomy Department of (1) a complete set of the Journal of Environmental Quality (2) the Journal of the Soil Science Society of America, 1962-82 (3) The Journal of Crop Science, 1972-82 (4) the Agronomy Journal, 1962-82 and (5) the Journal of Agronomic Education, 1972-81. The economic and educational value of these books and journals is an important contribution to our library. This completes the back sets of eight journals in major agricultural areas and we hope for a few more of the remaining important ones. Dr Outhouse has indicated that he may give his personal set of the Journal of Animal Science which would also be valuable to us. I have been contributing my Journal of Soil and Water Conservation, Biocycle, Journal of Chemical Education, Chem and Engr News, American Vegetable Grower, Hort Science, California Agriculture and American Scientist and will continue some of these after I leave.

We have just finished our draft of a 1983 plan of trainees and advisors on the IUTAD-Purdue-AID program and will soon have copies for Purdue to aid them in planning for our personnel needs.

I am discovering a lot of paper work to do now that John Foley is gone. Prof Real has asked that arrangements be made for me to stay some additional months beyond the completion of my tour of duty but I have declined because of my need to return to my work at Purdue.

Jerome F. Nichols