

Dr. D. C. Cooper, Assistant Professor of Genetics and Research Associate in Botany, is engaged in making cytological studies of the plants which the members of the Department are working with genetically.

Dr. N. P. Neal, Assistant Professor of Agronomy and Genetics, is in charge of the breeding program to supply crossing stocks for commercial producers of hybrid corn.

Dr. W. K. Smith, Assistant Professor of Genetics and Agronomy, is continuing his work on the correlation between the toxic effects and coumarin content of sweetclover. Dr. Brink's discovery that Melilotus dentatus, a non-toxic sweet-clover, does not contain coumarin has added strength to the belief that coumarin is the cause of the toxicity of other species. Rabbits are being used to test the toxic effect of the sweetclover hay.

Dr. A. B. Chapman, Instructor in Genetics, is conducting the fly laboratory which is now part of the elementary genetics course. He is also working on the inheritance of ovarian response to the gonadotropic hormone in rats.

Dr. G. E. Dickerson, Instructor in Genetics and Dairy Records, in addition teaching in Short Course, is doing research on the improvement of cattle through a breeding program. Next semester he will assist Dr. Cole in teaching Animal Genetics (Genetics 105).

GRADUATE STUDENTS

Donald Bell, M.S., Assistant in Animal Husbandry and formerly of Rupert, Idaho, is minoring in Genetics. He is experimenting with alteration of the heat period in sheep.

Warren Black, B. A. '36 Ohio State, and John Dick, B. A. '32; M.S. '33 Ohio State, are assisting Dr. Irwin with the immunogenetic work. They each have some phase of immunology as a research problem.

John Boyes, M.S., University of Saskatchewan, is majoring in Botany and working on various members of the Plumbaginaceae. He is minoring in Genetics.

Vernon C. Brink, B.S. '34; M.S.A. '36 University of British Columbia, is assisting Dr. W. K. Smith with the sweetclover toxicity studies.

Kenneth Brown, M.S. of Kansas City, Missouri, is assisting Dr. Rieman in the potato breeding program work.

Adrien Côté, L.S.A. '32 University of Montreal, is working with Dr. Casida in studies of the physiology of reproduction.

Nick Cuthbert, B.A. '36 Iowa University, M.S. '37 University of Wisconsin, is working on the ovarian cycle of Ring Doves and assisting Dr. Cole with the pigeon and dove records.

Lloyd Ferguson, D.V.M. Instructor in Veterinary Science, '34 Ohio State University, M.S. University of Wisconsin, is working on immunogenetic reaction of cows and is assisting Dr. Irwin with the work on Bang's disease.

Cecil Harrington, M.S., is now an Entomology-Genetics joint major. He is working on resistance to aphid in the pea.

C. E. Holmes, M.S., Assistant Professor of Poultry, passed his prelims this year and is now dividing his time between finishing his thesis and teaching.

Harry Laidlaw, B.S.'33, M.S.'34 Louisiana State University, is working on the morphology of the reproductive organs of the queen bee.

George Ledingham, B.S.'34; M.S.'36 University of Saskatchewan, is working on alfalfa hybrids.

Andrew Nalbandov, B.A.'32, Munich Germany; M.S. Oklahoma A. and M., is assisting Dr. Casida with the work on the physiology of reproduction in cattle.

Ray Owen, B.S.'37 Carroll College, is doing work on color inheritance in mice.

John Shuman, B.S.'34 Penn. State College, Ph.M.'37 University of Wisconsin, is studying the cytogenetics of a partially inbred line of corn.

Ben Smith, B.A., '34, M.A.'36 University of Virginia, is working on quantitative characters involving seed size and yield in corn. He is also assisting Dr. Brink with the alfalfa work.

Paul Smith, a Plant Pathology major and Robert M. Smith, of the Poultry Science Department, are minoring in Genetics.

Louise Wipf, M.S., Assistant in Agricultural Bacteriology and Agricultural Chemistry, is working in Dr. Cooper's Lab. Louise is making a cytological study of the root nodules of red clover.

Emanuel Waletsky, B.A., M. A., Wisconsin, is continuing his work with Dr. Jollos in the Zoology Department. Yes, his experimental animal is Drosophila.

SEMINAR

The Genetics Seminary was divided this semester into a plant group with Dr. Brink in charge and an animal group with Dr. Cole in charge. This division was made to allow the members of each group to devote themselves to subjects relating to their particular field of interest. Both groups meet together for the first twenty minutes and then they separate for their respective presentations. The two groups will be combined in the second semester.

DEGREES

Willard Hollander was awarded the degree of Doctor of Philosophy last June. Ned Shrigley, Gordon Dickerson, and W. L. Hemming received the Doctor's degree in August.

SUMMER SCHOOL STUDENTS

The registered Summer School students this year were O. W. Anderson, Adrien Cote, Nick Cuthbert, Gordon Dickerson and Gordon Pennebaker. In addition to these, Al Golden, Andrew Nalbandov, Warren Black, John Dick and Lloyd Ferguson were here working on their research problems.