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## **The Wisconsin genotype: a news letter to former students. No. 21 May 1937**

University of Wisconsin. Dept. of Genetics  
[Madison, Wisconsin]: [University of Wisconsin, College of Agriculture, Dept. of Genetics], May 1937

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## THE WISCONSIN GENOTYPE

## A News Letter to Former Students

Department of  
Genetics  
No. 21

Edited by the present  
Graduate group

College of  
Agriculture  
May 10, 1937

Although replies to our information blanks are still coming in, it is with a feeling of satisfaction that we report returns on 87 of the 225 sent out. The wholehearted cooperation on the part of the members of the linkage group now in "the wide, wide world" has made possible the compilation of some very interesting facts.\*

Of the total, 80 men and 7 women, 44 have received their Ph.D. at Wisconsin; 76 are in the U.S., 6 in Canada, and 1 in each of the following countries: S. Africa, Chili, Hawaii, Yugoslavia, and the Philippine Islands. Of these 45 are working with animals, 31 with plants, and 11 are in other fields.

It is also interesting to note that 74 men and 2 women apparently decided that they could not get through life alone; while 2 men and 1 woman with Ph.D.'s and 4 men and 4 women without Ph.D.'s believed they could fight it out single-handed. We note with pleasure that the Diff./St. Dev. = 1.6 ( $p=q$ ) obtained from the sex ratio of the  $F_1$  segregation of 51 boys and 68 girls is not a significant difference. Apparently, therefore, as of Shakespeare, "All's well that ends well."

(In the following summary, "+" indicates married; and the children, if any, are represented by, "B" for boys and "G" for girls. Dates at Wisconsin are included in parentheses.)

Many replies indicate that a number of former students are planning to attend the Poultry Science Association meetings which will be held at Madison this August.

The activities of the Department have been omitted from this issue of the Genotype in order to give a complete compilation of all the replies.

- + Albrecht, Herbert R. (B.S. 31; M.S.33, 34-36) Asst. Agronomist, Alabama Polytechnic Inst., Auburn, Ala. -- Forage crop improvement.
- + Alexander, Mrs. L. J. (Thelma McWilliams)(28S, 28, 29, Ph.D.30)  
2B 830 Quinley Ave., Wooster, Ohio.
- Arnason, Thomas J. (32-34 Ph.D.) Inst. in Biol., U. of Saskatchewan, Saskatoon, Canada. -- Cytogenetics of wheat hybrids.
- + Asmundson, Vigfus S. (24S, 28S, 29S, 29, Ph.D.30) Asst. Prof. of Poultry Husb., U. of Calif., Coll. of Agr., Davis, Calif. Physiology of reproduction in poultry, genetics of turkeys and poultry.

\* (The linkage group is composed of those who have been associated with the Department as majors, minors or as members of the Seminar.)

- \* Barker, Henry D. (16S, 16-17; Ph.D.23, Minn. Senior Pathologist, U.S.D.A., Washington, D. C. -- Cotton disease investigations.
- + Bender, Ray (26S) M.S.28, Cornell. Manager Essex Co. Farm  
2B&2G Bureau & Co. Agent, Westport, N. Y.
- + Bishop, George H. (15S, 15-17S, Ph.D.20) Prof. of Biophysics, Washington U. Med. School, St. Louis, Mo. -- Nerve and brain physiology.  
("Proprietor of 4 cats + a ford + 3 swarms of bees + a frog pond and a hibernating possum")
- + Bowstead, John E. (B.S.20, M.S.21, 23S, 26, Ph.D.29S) Assoc. Prof. An. Husb., U. of Alberta, Alta., Canada. -- Environmental factors associated with wool growth and quality. Dairy calf and dairy cow rations.  
1G
- + Bullock, Dillman S. (M.S.20) Director Escuela Agricola, El Vergel, Angol, Chile. -- Geographical distribution of Chilean birds. "Named by Scientific congress on committee to write check list of Chilean Birds."
- + Burnham, Charles R. (B.A.24; M.S.25;26-Ph.D.29) Assoc. Prof. of Genetics, Univ., Assoc. Agron.-Exp. Sta., Univ. of W. Va., Dept. of Agron. & Genetics, Morgantown, W. Va. -- Crossing over as affected by chromosome abnormalities in corn. Smut resistance in corn, production of hybrid corn. (Husband of Miss Lucile Strickland)
- + Bushnell, Ralph J. (33-Ph.D.35) Inst. in Genetics, U. of Georgia, Athens, Ga. -- Inheritance of longevity and fertility in the bean weevil. Building a stock of mice for work on inheritance of resistance to protozoan diseases. (1937 Vacation at Wood's Hole, Mass.)  
1G
- + Carver, Wm. A. (M.S.22) Ph.D.25, Ames. Assoc. Agronomist, Fla. Agr. Exp. Sta., Gainesville, Fla.- Peanut and corn breeding.
- + Deakin, Alan (M.S.29 - Ph.D.31) Animal & Poultry Geneticist, Central Exp. Farm, Ottawa. Meadowbrook Farm, Westboro, Ont. -- Artificial insemination.  
1B
- Diebold, Francis (B.A.21; 25S, M.A.27) Head of Dept. of Biol., Kalamazoo College, Kalamazoo, Mich. (Summer '37 either at Wis. or motoring through Central and South America)
- + Dove, W. Franklin (M.S.23; 24-26 - Ph.D.27) Biologist, U. of Maine Exp. Sta., Orono, Me. -- The nutritive instincts as a genetic, nutritional and psychological problem. Their applications to the agricultural, economic and social data of the State of Maine as a test case.  
1B&1G

- + Fasten, Nathan (Ph.D.14) Head, Dept. of Zoology, Oregon State  
3G College, Corvallis, Oregon. -- Cytology of the Decapod  
Crustacea. (Book: Principles of Genetics and Eugenics,  
Ginn & Co. 1935)
- + Gee, Wilson (10) Ph.D. 13, U. of Calif. Director Inst. for  
1B&1G Research in the Social Sciences, U. of Va., Charlottesville,  
Va. -- Rural social economics.
- + Gildow, Elton M. (24 - M.S.25) Assoc. Prof. Vet. Sci. &  
1B&2G Sta. Veterinarian, U. of Ida., Moscow, Ida. -- Oestrus  
in sheep. Paralysis in chickens.  
Vacationing in Seattle.
- + Graham, John C. (B.S.A.11) Head, Dept. Poultry Husb., Mass.  
1B&1G State College, Amherst, Mass. -- Poultry.  
1937 Vacation in part at Madison.
- + Hawkins, Louis E. (M.S.28; 29, 29S, Ph.D.30S) Agricultural  
1B Commissioner, Chamber of Commerce of Kansas City,  
Kansas City, Mo.
- + Heal, Garold W. (B.S.21, M.S.22) Eagle River, Wis.  
2G&1B
- + Heebink, G. (B.S.22, M.S.23) Extension Dairyman, West Va. U.,  
1B Morgantown, W.Va.
- + Henke, Louis A. (M.S.23; 29-30 1st Sem.) Prof. of Agr., U. of  
1G Hawaii, Honolulu, T.H. -- Nutrition.  
Expects to be in Europe this summer.
- Henning, Wm. L. M.S.23 Penn. State (31, 32S, 34S, 36S) Assoc.  
Prof. An. Husb., Penn. State Col., State College, Pa. --  
Sex ratio in sheep; cross breeding in sheep; protein  
requirements for growing lambs; time of shearing fine  
wool lambs. "Looking after 60 acres hybrid seed corn  
this summer."
- + ("Sure")  
Hinman, Robert B. (25, Ph.D.26S) Asst. Prof. An. Husb., Cornell  
2B&1G U., Ithaca, N. Y. -- Inheritance of meat characteristics  
in meat animals.
- Holl, Frederick J. M.S.26 (Ph.D.30 Duke) Asst. Prof. Zool.,  
U. of Buffalo, Buffalo, N. Y. -- Parasites of amphibians  
and reptiles.
- + Horlacher, Walter R. (24S, 25S, 27, 28S, Ph.D.29) Head, Dept.  
1B&1G of An. Husb., U. of Arkansas, Fayetteville, Ark. --  
Breeding experiments with beef cattle, dairy cattle, and  
sheep. Cross breeding chickens.  
"Genetics --- required of all agricultural students at  
Arkansas."
- + Huffman, Carl F. (30, Ph.D.33) Research Assoc., Dairy Dept.,  
1B&2G Mich. State Col., E. Lansing, Mich. -- Mineral feeding  
and vitamins in relation to dairy cattle.

- + Hughes, Elmer H. (29, Ph.D.35) Prof. of An. Husb., U. of Calif, Davis, Calif. -- Inbreeding Berkshires. Heredity of hydrocephalous condition of the brain box of inbred Duroc Jersey pigs. Nutrition studies in swine.
- + Hutt, Frederick B. (M.S.25) Ph.D.29 Edinburgh. Head, Dept. 2B Poultry Husb., Cornell U., Ithaca, N. Y. -- Study of mutations and linkage in fowl. Physiology of avian reproduction. Breeding strains resistant to disease.--Recently Prof. Hutt sent Dr. Cole a copy of the program being given in the Animal Breeding Seminar at Cornell. We are interested to see the programs of seminary groups in other institutions.
- + Jaap, R. George (29, M.S.30 - Ph.D.33) Asst. Prof., Okla. A. & M. Col., Stillwater, Okla. -- Crossbreeding, growth and feathering of fowl. Inheritance of body conformation in turkeys.  
Vacation part of coming summer at Madison.
- Jones, Sara Van Hoosen (M.S.16 - Ph.D.21) Owner and Mgr., Van Hoosen Farm, Rochester, Mich. -- Meeting problems of a farm unit having 225 head cattle daily producing 1500 qts. certified milk.
- + Jull, Morley A. (19S - Ph.D.22) Head, Poultry Dept., U. of 1B Maryland, College Park, Md. -- Genetic factors affecting egg quality.
- + Keller, Wesley M.S. Utah State (34-36) Agent, U.S.D.A., Logan, Utah. -- Grass breeding.  
"Vacationing at work"
- + Kempster, Harry L. (24S, 26S, M.S.28S) Prof. Poultry Husb., 2B&2G U. of Mo., Columbia, Mo. -- Growth in chickens.  
Vacation in part at Madison.
- # Knowlton, Frank L. (M.S.32) Poultry Husbandman, Oregon 2B&1G State College, Corvallis, Ore. Short time poultry tests.
- + Kuhlman, Arthur H. (B.S.10, M.S.16, 27 - Ph.D.28) Prof. of 2B&2G Dairying, Oklahoma A. & M. College. -- Use of cottonseed by-products in rations for dairy cattle.  
Vacation Lake Mills, Wis.
- + Kyle, John C. (B.S.15) Pres., Paul Dry Goods Co., Hurley, Wis. 1B&1G
- + Lindstrom, E. W. Ph.D.17; Cornell (Faculty 19-23) Head, Dept. 1B&2G of Genetics, Iowa State Col., Ames, Ia. -- Corn and tomato Genetics.
- + Lloyd-Jones, Orren L. (B.S.A.08, M.S.11 - Ph.D.13) M.D.27 Rush 1G Med. 1930 Wilshire Blvd., Los Angeles, Calif. --  
Practicing internal medicine furnishes "science, art and human interest."

- Losey, Sylvia H. (33S, B.S.34, M.S.35) Recreational Naturalist,  
Dept. of Municipal Education and Recreation, Milwaukee  
Public Schools.
- + Lush, Jay L. (19S - Ph.D.21) Prof. of Animal Breeding, Iowa  
1B&1G State College, Ames, Ia. -- Animal breeding systems.  
Book: Animal Breeding Plans, Collegiate Press, Ames, Ia., 1936.
- + Martin, J. Holmes (24S, 25-26, 28S, Ph.D.29) Prof. in charge  
1B of Poultry Husb., U. of Ky., Lexington, Ky. -- Longevity in  
poultry, turkey breeding, and incubation problems.--Will  
attend Poultry Sci. Assn. at Madison in August.
- + Manresa, Miguel (25 - Ph.D.28) Asst. Prof. An. Husb., College  
1B&1G of Agr., U. Philippines, Laguna, P.I. -- Surra in oxen and  
water buffaloes. Hematological studies with special refer-  
ence to adaptability of animals to tropical environments.  
Spending March to June 1937 in a trip through Northern and  
Southern India.
- + Michael, Louis G. (16-M.S.18) Dr. Ag. 24, Mich. State,  
1B&1G Attaché, U.S.D.A., Kr. Ferdinandia 21, Belgrade, Yugoslavia.  
Agricultural economics.
- + Michels, C. A. (M.S.12) M.S.A.28 Idaho. Assoc. Agronomist,  
2B Plant Breeder, Exp. Sta., U. of Idaho, Moscow, Ida. --  
Research in wheat, barley, sunflowers, and crested wheat.  
Plans to visit Wis. this summer.
- + Milum, Vern G. (B.S.21, M.S.23, 25(2), Ph.D.27) Assoc. Prof. of  
3B Ent. & Apiculturist, U. of Ill., Expt. Zool. Lab., Champaign,  
Ill. -- Discoloration of honey in storage, wax-infesting  
moths. Probably vacation in Wis.
- + Moore, Milton D. (16S- M.S.17) Co. Agr. Agent, U. of Md.,  
2B&3G Hagerstown, Md.  
Studying soils of Washington County, Md.  
Will likely visit home, Greenville Cr., S.C.
- + Munro, Sanford S. (31S- M.S.32) Grad. Asst., Dom. Dept. of Agr.,  
1B Ottawa, Canada. Temporary Address: Inst. Animal Genetics,  
Edinburgh Univ., Scotland. -- Biology of avian sperm.
- Myers, Edna (M.S.36) Seed Analyst, Ransom Seed Lab., El Monte,  
Calif. -- Control of premature seeding in beets, seed germina-  
tion requirements, nature of resistance to curly top.  
Vacationing in Wyo. and Colo.
- + Parker, Melbourne C. (30S, M.S.31-Ph.D.33) Geneticist, Gallatin  
1B&1G Valley Seed Co., Bozeman, Mont.
- Permar, Dorothy (29-30) M.S.29, Mich. 309 Avalon Place, Toledo,  
Ohio.
- + Pierce, Walter H. (31(2), Ph.D.33) Assoc. Plant Pathologist,  
Univ. Idaho, Moscow, Idaho. -- Viruses of peas and beans.  
Near-wilt disease of peas.

- + Potter, George F. (B.S.13, M.S.16, 22S) Ph.D.30 Cornell.  
1B&2G Chairman, Dept. Hort., Univ. of N.H., Durham, N.H. --  
Winter injury, and nutrition of fruit trees.
- + Ragsdale, Arthur (M.S.25) Chairman, Dept. Dairy Husb., U. of  
3G Mo., Columbia, Mo. -- Growth and milk production.
- + Raymond, Lee (23, M.S.24S) Asst. Prof. Agron., McGill Univ.,  
1B Macdonald College, Prov. Quebec. -- Corn and root breeding;  
pasture investigations.
- + Renard, Earl J. (B.S.26, M.S.27 - Ph.D.29) Breeding and Exp.  
Dept., Cannors Seed Corp., Louisville, Idaho. -- Canning peas.
- + Saunders, Abraham R. (M.S.24) D.Sc.33 Pretoria, S.Africa.  
1G Sr. Research Officer, School of Agr., Potchefstroom, S. Africa.  
Research in agron., plant breeding, genetics of cowpeas.  
Reports, "Laid out new experiment station at this institu-  
tion in 1930; this station is now largest of its kind in the  
Union. Plant breeding work on maize, sorghums, cowpeas,  
peanuts, soybeans, wheat, potatoes, and Rhodes Grass. Work  
making good progress. Started alone in 1925 - now technical  
staff of 4 and 2 lay assistants. Aiming at establishment of  
Crops Research Institute - will achieve this if I live long  
enough. Terribly anxious to visit Wisconsin again. - Hope the  
tea served at Seminar meetings is better than it used to be."
- (See Senn, P. H. (20, M.S.21, 25-29, Ph.D.31) Assoc. Prof. Farm  
note) Crops and Genetics, U. of Fla., Gainesville, Fla. -- Southern  
forage grasses.  
Invites all past, present, and future "tea-hounds" of  
Wisconsin to visit the four linkage group members at U. of Fla.  
Note: Still planning "Whispering Hope."
- + Smith, Oscar D. (24S, 25S) Ph.D.33 Cornell; Head, Dept. Agr.,  
Ark. State Teachers College, Conway, Ark.  
"Cooperating with state and federal forces in campaign  
to increase the number of proven dairy sires in Arkansas."
- + Steele, Dewey (22, M.S.23 - Ph.D.26) Asst. Prof. Genetics,  
2G Conn. State College, Storrs, Conn. -- Quantitative analysis  
of color factors in pigeon and fowl.  
Vacationing at Woods Hole. Spent last summer in Dr. Hutt's  
laboratory.
- + Stringfield, G. H. (27-28) M.S.27, Ohio State. Assoc. Agron.  
1G U.S.D.A., Ohio Agr. Expt. Sta., Wooster, Ohio. -- Corn  
breeding.  
Vacationing in Nebraska and Colorado.
- + Stroman, Govan N. (M.S.20 - Ph.D.23) Assoc. Agron., N.M. State  
1B&2G College, State College, N.M. -- Cotton and bean breeding.  
Reports "a female-sterile cotton plant in a progeny of Acala  
cotton, and a self topping plant - probably a trisomic or  
other chromosomal complication."

- + Taylor, Lewis W. (B.S.22, 25-27, Ph.D.31) Heads Poultry Div.,  
1G U. of Calif., Berkeley, Calif. -- Embryonic mortality,  
egg production, and plumage patterns in poultry.
- + Thomas, Byron H. (M.S.24, 25(2) Ph.D.29) Head, Animal Chemistry  
3G and Nutrition, Iowa State College, Ames, Ia.--Vitamins  
A,B,C,E. Anemia in lambs and pigs. Soft pork. Ca, N & P  
metabolism of horses.
- + Tiedjens, Victor A. (B.S.21, M.S.22) Ph.D.32 Rutgers. Assoc.  
3G Prof. Hort., Rutgers Univ., New Brunswick, N. J.  
Ionic ratios and development of horticultural crops.  
Vacation probably in Wis.
- + Tisdale, W. B. (M.S.17 - Ph.D.20) Head, Dept. Plant Path.,  
1B&2G U. of Fla., Agr. Exp. Sta., Gainesville, Fla. -- Decay of  
citrus fruits and bark diseases of lime trees.
- + Tisdale, Wendell H. (M.S.15 - Ph.D.17) Mgr., Pest Control  
1B&1G Research, E. I. Du Pont de Nemours and Co., Wilmington, Del.  
Fungicides, insecticides and other pest control products.  
"We now have a control research organization with excellent  
laboratory and greenhouse equipment for conducting research  
in the development of pest control products. Our scientific  
staff at the present time consists of 6 entomologists, 2  
pathologists, and 3 chemists."
- + Trowbridge, Edwin A. (B.S.A.06, 24S, 31S) Chair., Dept. An.  
2B Husb., U. of Mo., Columbia, Mo. -- Problems in livestock  
management.
- + Truman, Harry V. (32 Ph.D.33) Assoc. Prof. Botany, Beloit  
1G College, Beloit, Wis. -- Pollen analysis of peat.
- Turcot, Conrad (M.S.30) Chief of Tobacco Section, Quebec Dept.  
of Agr., Montreal City, Canada. -- Tobacco breeding,  
introduction of bright tobacco into Quebec.  
Vacationing Va. & N.C.
- + Turner, Charles W. (B.S.A.19, 25S, 26S - Ph.D.27) Assoc. Prof.  
1B&2G Dairy Husb., U. of Mo., Columbia, Mo. -- Physiology and  
genetics of milk secretion.
- + Wade, Bryan L. (27 - Ph.D.29) Senior geneticist, U.S.D.A.,  
1B U.S.S.E. Regional Vegetable Breeding Lab., Box 844,  
Charleston, S.C.--Vegetable breeding and genetics. "Our  
station buildings should be completed by March 1st, includ-  
ing laboratory, offices, greenhouses, etc. We have 454  
acres of ground and 18 regularly employed agricultural  
laborers." --- "The boy is gaining quite rapidly due per-  
haps to transgressive segregation for appetite."
- Weaver, Leland E. (M.S.30) Asst. Prof. Extension, Cornell Univ.,  
Ithaca, N. Y.



- + Weber, George F. (M.S.20 - Ph.D.22) Plant Pathologist, U. of Fla., Gainesville, Fla. -- Breeding for a wilt resistant tomato in Florida.
- Wightman, Ernest T. (31S, 32(1)) M.S. 26 W.Va. Asst. Prof. Poultry Husb., Univ. of W. Va., Morgantown, W. Va. Laying rations for Leghorn pullets. Selection for high production.
- Willoughby, Mildred H. (M.S.34) Zool. teacher, Rockford Sr. High School, Rockford, Ill.
- + Wilson, Edward E. (B.S.24, M.S.25, Ph.D.27) Asst. Plant Pathologist, Univ. of Calif., College of Agr., Davis, Cal.  
1G
- + Winters, Laurence M. (24S) Ph.D.32 Minn. Prof. in charge of Animal Genetics, Univ. Farm, St. Paul, Minn. -- Systems of breeding; physiology of reproduction.
- + Woodworth, C. M. (M.S.14 - Ph.D.20) Prof. Plant Genetics, Univ. of Ill., College of Agr., Urbana, Ill. -- Research with corn, soybeans, sweet and red clover and broom corn.  
1G
- + Woolley, George W. (M.S.31 - Ph.D.35) Res. Assoc., Jackson Mem. Lab., Bar Harbor, Me. -- Genetics of rat and mouse and cancer research.