UNITED STATES
DEPARTMENT OF AGRICULTURE

Agriculture Handbook No. 35

Washington, D. C. December 1951

# WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

1951–52

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# TITLES AND SERIES OF PUBLICATIONS SINCE THE FIRST ISSUE IN 1889

Organization of the Agricultural Experiment Stations in the United States. 1889. (Published as U. S. Dept. Agr., Off. Expt. Stas. Bul. 1.)

Organization Lists of the Agricultural Experiment Stations, and Agricultural Schools and Colleges in the United States. 1890. (U. S. Dept. Agr., Off. Expt. Stas. Bul. 5.)

Organization Lists of the Agricultural Experiment Stations in the United States. 1891. (U. S. Dept. Agr., Off. Expt. Stas. Circ. 20.)

Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges. 1892, 1893, 1894. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 12, 13, 19.)

Organization Lists of the Agricultural Experiment Stations and Institutions with Courses in Agriculture in the United States. 1895, 1896, 1897, 1898. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 23, 27, 39, 47.)

Organization Lists of the Agricultural Colleges and Experiment Stations in the United States, with a List of Agricultural Experiment Stations in Foreign Countries. 1899, 1900, 1901, 1902. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 59, 74, 88, 111.)

Organization Lists of the Agricultural Colleges and Experiment Stations in the United States, 1903 to 1912, inclusive. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 122, 137, 151, 161, 176, 197, 206, 224, 233, 247, 253.)

Superseded by Lists of Workers in Subjects Pertaining to Agriculture and Home Economics in the U. S. Department of Agriculture and the State Agricultural Colleges and Experiment Stations. (Unnumbered series running through 1921–22.)

1914. The 1913 edition corrected to June 1914.
1915. Corrected to August 1, 1915.
1916. None published—corrections brought to January 1917.

List of Workers in Subjects Pertaining to Agriculture and Home Economics. Part 1. United States Department of Agriculture. Part 2. State Agricultural Colleges and Experiment Stations.

1917–18.
1918–19. ["Marketing" added to title for this issue only.]
1919–20. Not published.
1920–21.
1921–22.
1922–23. Issued as Misc. Circ. 4 (pt. 1 not published).
1923–24. Issued as Misc. Circ. 17 (pt. 1 not published).

Title changed to "List of Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations," 1924–25. Misc. Circ. 34.

Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations.

1925–26. Misc. Circ. 58.
1926–27. Misc. Circ. 87.
1927–28. Misc. Pub. 12.
1928–29. Misc. Pub. 43.
1929–30. Misc. Pub. 67.
1930–31. Misc. Pub. 100.
1931–32. Misc. Pub. 134.
1932–33. Misc. Pub. 154.
1933–34. Misc. Pub. 180.
1934–35. Misc. Pub. 214.
1935–36. Misc. Pub. 234.

Workers in Subjects Pertaining to Agriculture in Land-Grant Colleges and Experiment Stations.

1936–37. Misc. Pub. 254.
1937–38. Misc. Pub. 299.
1938–39. Misc. Pub. 335.
1939–40. Misc. Pub. 378.
1940–41. Misc. Pub. 420.
1941–42. Misc. Pub. 480.
1942–43. Misc. Pub. 510.
1943–44. Misc. Pub. 535.
1944–45. Misc. Pub. 556.
1945–46. Misc. Pub. 603.
1946–47. Misc. Pub. 625.
1947–48. Misc. Pub. 649.
1948–49. Misc. Pub. 677.
1949–50. Agriculture Handbook No. 3.
1950–51. Agriculture Handbook No. 15.
1951–52. Agriculture Handbook No. 35.

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## 1951–52

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By LULU B. THORNE
Office of Experiment Stations

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1952

For sale by the Superintendent of Documents, U. S. Government Printing Office
Washington 25, D. C. - Price 50 cents

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# KEY TO ABBREVIATIONS

*Acct.*, Accountant, Accounts.
*Actg.*, Acting.
*Admin.*, Administration, Administrative.
*Agr.*, Agriculture, Agriculturist, Agricultural.
*Agron.*, Agronomy, Agronomist.
*Agt.*, Agent.
*An.*, Animal.
*Anal.*, Analytical, Analysis.
*Anat.*, Anatomy.
*Arch.*, Architect, Architecture, Architectural.
*Assoc.*, Associate, Association.
*Asst.*, Assistant.
*Bact.*, Bacteriology, Bacteriologist.
*Biochem.*, Biochemist, Biochemistry, Biochemical.
*Biol.*, Biology, Biologist, Biological.
*Bldg.*, Building(s).
*Bot.*, Botany, Botanist, Botanical.
*Brdg.*, Breeding.
*Bul.*, Bulletin.
*Chair.*, Chairman.
*Chem.*, Chemistry, Chemist, Chemical.
*Climat.*, Climatology, Climatologist.
*Coll.*, College.
*Collab.*, Collaborator, Collaborating.
*Comm.*, Commission.
*Comp.*, Comparative.
*Comr.*, Commissioner.
*Conserv.*, Conservation, Conservationist.
*Consult.*, Consulting, Consultant.
*Coop.*, Cooperation, Cooperative, Cooperator.
*Corresp.*, Correspondence, Correspondent.
*Dem.*, Demonstration, Demonstrator.
*Dept.*, Department.
*Dir.*, Director.
*Dist.*, District.
*Div.*, Division.
*Dom.*, Domestic.
*Ecol.*, Ecology, Ecologist, Ecological.
*Econ.*, Economy, Economic(s), Economist.
*Ed.*, Education, Educational.
*Engin.*, Engineer, Engineering.
*Ent.*, Entomology, Entomologist, Entomological.
*Equip.*, Equipment.
*Erad.*, Eradication.
*Exec.*, Executive.
*Expt.*, Experiment, Experimental, Experimentalist.
*Ext.*, Extension.
*Fert.*, Fertility, Fertilizer.
*Flor.*, Floriculture, Floriculturist, Floricultural.
*For.*, Forestry, Forester.
*Gard.*, Gardening, Gardener.
*Gen.*, General.
*Geog.*, Geography.
*Geol.*, Geology, Geologist, Geological.
*Grad.*, Graduate.
*Histol.*, Histology, Histologist.
*Hon.*, Honorary.
*Hort.*, Horticulture, Horticulturist, Horticultural.
*Husb.*, Husbandry, Husbandman.
*Hyg.*, Hygiene.
*Illus.*, Illustration, Illustrative.
*Indus.*, Industry, Industrial, Industries.
*Inorg.*, Inorganic.
*Insp.*, Inspection, Inspector.
*Instr.*, Instructor, Instruction.
*Insts.*, Institutes.
*Invest.*, Investigations, Investigational, Investigator.
*Irrig.*, Irrigation, Irrigationist.
*Lab.*, Laboratory.
*Landsc.*, Landscape.
*Lect.*, Lecturer.
*Libr.*, Library, Librarian.
*Mach.*, Machine, Machinery.
*Mech.*, Mechanics, Mechanical.
*Med.*, Medicine, Medical.
*Met.*, Meteorology, Meteorologist.
*Mfg.*, Manufacturing.
*Mfgs.*, Manufactures.
*Mgr.*, Manager.
*Mgt.*, Management.
*Microbiol.*, Microbiology, Microbiologist.
*Mktg.*, Marketing.
*Morphol.*, Morphology, Morphologist.
*Mycol.*, Mycology, Mycologist.
*Nutr.*, Nutrition, Nutritionist.
*Oler.*, Olericulture, Olericulturist.
*Org.*, Organic.
*Organ.*, Organization(s).
*Ornith*, Ornithology, Ornithologist.
*Parasit.*, Parasitology, Parasitologist.
*Path.*, Pathology, Pathologist, Pathological.
*Pharm.*, Pharmacy, Pharmacist, Pharmaceutical.
*Pharmacol.*, Pharmacology, Pharmacologist.
*Photog.*, Photography, Photographer.
*Phys.*, Physics, Physical.
*Physiol.*, Physiology, Physiologist, Physiological.
*Phytopath.*, Phytopathology, Phytopathologist, Phytopathological.
*P. O.*, Post Office.
*Pomol.*, Pomology, Pomologist, Pomological.
*Pract.*, Practice, Practical.
*Prep.*, Preparatory.
*Pres.*, President.
*Prin.*, Principal.
*Prod.*, Production.
*Prof.*, Professor.
*Pubs.*, Publications.
*Res.*, Research.
*Sci.*, Science, Scientist, Scientific.
*Sect.*, Section.
*Secon.*, Secondary.
*Secy.*, Secretary.
*Sociol.*, Sociology, Sociologist.
*Spec.*, Special, Specialist.
*Sta.*, Station.
*Stat.*, Statistics, Statistical, Statistician.
*Subsect.*, Subsection.
*Substa.*, Substation.
*Supt.*, Superintendent.
*Supvr.*, Supervisor.
*Surg.*, Surgery.
*Tech.*, Technical, Technician.
*Technol.*, Technology, Technologist.
*Treas.*, Treasurer.
*Trop.*, Tropical.
*Univ.*, University.
*Veg.*, Vegetable, Vegetation.
*Vet.*, Veterinary, Veterinarian.
*Vit.*, Viticulture, Viticulturist, Viticultural.
*Voc.*, Vocational.
*Zool.*, Zoology, Zoologist, Zoological.

## PREFACE

The following explanations apply throughout the publication:

Subject-matter workers in extension are generally shown under the respective department or division of the college.

Certain institutions use the academic title for experiment station workers as well as for personnel engaged solely as teachers.

**Corrected through December 15, 1951.**

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T. J. Ashley, B. S., *Res. Asst.*
R. W. Williams, B. S., *Res. Asst.*
Fruit and Truck Branch Expt. Sta. *P. O., Hope*—
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M. N. Christiansen, B. S. A., *Res. Asst.*
C. V. Hall, B. S., *Res. Asst.*
Livestock and Forestry Branch Expt. Sta., *P. O., Batesville*—
C. E. Mabry, M. S., *Asst. Dir. in charge.*
Livestock and Forestry Branch Expt. Sta., *P. O. Batesville*—Continued;
E. V. Hunt, Jr., B. S., *Res. Asst.*
Rice Branch Expt. Sta., *P. O. Stuttgart*—
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*Agricultural faculty. §Leave of absence.

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*O. R. Holiday, M. S., *An. Husb.*
*J. B. Johnson, M. S., *Dairy Husb.*
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*I. S. Reid, M. S., *Poultry Husb.*

## CALIFORNIA

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*College faculty. †Station staff. ‡Extension staff.
§Leave of absence. ‖Military leave.

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**Entomology**—Continued

†M. M. Barnes, Ph. D., *Asst. Ent.*
†G. E. Carman, Ph. D., *Assoc. Ent.*
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†L. R. Jeppson, Ph. D., *Asst. Ent.*
†D. L. Lindgren, Ph. D., *Ent.*
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**Orchard Management:**

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†W. P. Bitters, Ph. D., *Asst. Hort.*
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†‖P. R. Desjardins, B. S., *Junior Plant Path.*
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†J. T. Middleton, Ph. D., *Assoc. Plant Path.*
†Henry Schneider, Ph. D., *Asst. Plant Path.*
†R. L. Thornton, B. S., *Junior Spec. in Expt. Sta. (Plant Path.).*
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†B. E. Day, Ph. D., *Junior Plant Physiol.*
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§Leave of absence.

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†S. S. Wheeler, Ph. D., *Dir. of Sta.*
‡F. A. Anderson, *Dir. of Ext. Service.*
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†Minoru Ameniya, Ph. D., *Assoc. Agron.* (*Coop. U. S. D. A.*).
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†C. V. Cole, Ph. D., *Soil Sci.* (*Coop. U. S. D. A.*).
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**Animal and Dairy Industry:**

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**Animal and Dairy Industry**—Continued

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**Botany and Plant Pathology:**

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**Chemistry:**

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*E. B. Crone, Ph. D., *Asst. Prof. Chem.*
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*†F. X. Gassner, D. V. M., M. S., *Prof. Chem. and Prof. Endocrinology.*
*†C. O. Guss, Ph. D., *Asst. Prof. and Asst. Chem.*
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**Chemistry**—Continued

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**Economics and Sociology:**

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**Engineering:**

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*†J. T. Strate, M. S., *Prof and Head Dept. of Mech. Engin.*
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‡J. E. Morrison, B. S. *Asst. Dir.*
‡§S. G. Case, B. S., *Rural Recreation Spec.*
‡H. D. Finch, M. E., *State Supvr. in charge County Office Mgt.*
‡M. C. Grandy, B. S., *Program Analyst.*
‡F. N. Jordan, M. E., *State Supvr. in charge Inter-Agency Relations and Coop. Programs.*
‡L. L. Osborn, B. S., *Spec. in Work with Young Farmers and Homemakers.*
‡Audrey Sandstead, B. S., *Asst. State 4-H Club Agt.*
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‡T. G. Stewart, M. E., *State Supvr. in charge County Organ., Planning, and Program Development.*
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‡R. E. Ford, B. S., *Ext. For.*
*†§D. F. Hervey, M. S., *Asst. Prof. and Asst. in Range Conserv.*
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[1] Division indicates comparable units at all locations in system.

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[1] Division indicates comparable units at all locations in system.

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[1] Division indicates comperable units at all locations in system.

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*†J. G. Lee, III, Ph. D., *Assoc. Prof. Chem.; Assoc. Biochem.*
*†Mrs. Virginia R. Williams, Ph. D., *Assoc. Prof. and Assoc. Nutr.*

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‡R. C. Callaway, B. S., *Assoc. Dairy Spec.*
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†G. D. Miller, M. S., *Res. Assoc. in Dairying.*
‡E. W. Neasham, M. S., *Ext. Dairyman.*
*†T. E. Patrick, M. S., *Asst. Prof. and Asst. Dairy Husb.*
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*†E. E. West, M. S., *Instr. and Res. Assoc. in Dairying.*

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†Bill Bolton, *Instr. and Res. Assoc. in Agric. Econ.*
†H. J. Casso, M. S., *Res. Assoc. in Agr. Econ.*
*Esther Cooley, M. S., *Consumer Ed. Spec.*
‡W. D. Curtis, M. S., *Assoc. Ext. Econ.*
*†J. N. Efferson, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*

**Economics (Agr.)**—Continued

‡R. M. Grigsby, M. S., *Assoc. Ext. Mktg. Spec.*
†R. E. Hathorne, M. S., *Res. Assoc. in Agr. Econ.*
*†J. F. Hudson, M. S., *Asst. Prof. and Asst. Agr. Econ.*
‡J. A. McDaniel, M. S., *Asst. Farm Mgt. Spec.*
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†O. B. Quinn, B. S., *Res. Assoc. in Agr. Econ.*
*†F. E. Stanley, M. S., *Assoc. Prof. and Assoc. Agr. Econ.*
†Randall Stelly, M. S., *Res. Assoc. in Agr. Econ.*
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*E. E. Randall, M. S., *Instr. Voc. Agr. (P. O., Lecompte).*
*P. V. Rougon, M. S., *Instr. Indus. Ed.*
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†R. E. Brady, *Tech. in Agr. Engin.*
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†J. G. Gibert, B. S., *Tech. Asst. to the Dir.*

**Entomology**—See **Zoology.**

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‡Ellen LeNoir, M. A., *State Home Dem. Agt.*
‡J. M. O'Quin, M. S., *State Club Agt.*
‡M. M. LaCroix, M. S., *Assoc. State Club Agt.*
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‡§R. J. Courtney, B. S., *Asst. State Agt. for Work with Negroes (P. O., Scotlandville).*
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*†Helen E. Levy, B. S., *Res. Asst. in Vet. Sci.*
†R. L. Mayhew, Ph. D., *Parasit.*
*†James Miller, D. V. M., *Asst. Prof. and Asst. Vet.*

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†C. E. Smith, M. S., *Ent. and Head of Res.*
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M. J. Giamalva, M. S., *Asst. Hort.*
North La. Hill Farm Expt. Sta., *P. O., Homer.*
D. M. Johns, M. S., *Supt. and Assoc. Agron.*
Fred Hathorn, M. S., *Asst. Dairyman.*
G. E. King, M. S., *Res. Assoc. in Mktg.*
J. K. Mims, M. S., *Asst. For.*
R. E. Wright, M. S., *Asst. Hort.*
North La. Sta., *P. O., Calhoun*—
R. S. Woodward, M. S., *Supt. and Assoc. Hort.*
J. L. Heath, Jr., B. S., *Res. Assoc. in An. Indus.*
J. C. Taylor, M. S., *Asst. Hort.*
Northeast La. Sta., *P. O., St. Joseph*—
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J. C. Carpenter, Jr., M. S., *Asst. An. Husb.*
J. A. Hendrix, M. S., *Asst. Agron.*
S. A. Phillips, B. S., *Asst. Agron.*
R. Y. Ratcliff, B. S., *Res. Assoc. in Agron.*
Plaquemines Parish Sta., *P. O., Diamond*—
R. T. Brown, M. S., *Supt. and Asst. Hort.*
F. B. Schmitz, M. S., *Asst. Hort.*
Red River Valley Expt. Sta., *P. O., Bossier City*—
J. Y. Oakes, M. S., *Supt. and Agron.*
L. L. McCormick, B. S., *Asst. Agron.*
W. A. Nipper, M. S., *Asst. An. Husb.*

**Substations**—Continued

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R. K. Walker, M. S., *Supt. and Assoc. Agron. (Coop. U. S. D. A.).*

D. E. Black, B. S., *Res. Assoc. in Agron.*

C. N. Bollich, B. S., *Res. Assoc. in Plant Brdg.*

L. G. Coonrod, B. S., *Asst. Agr. Engin.*

N. E. Jodon, M. S., *Asst. Agron. (Coop. U. S. D. A.)*

R. J. Miears, B. S., *Asst. Agron.*

**Substations**—Continued

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LeVernon Beaubouef, M. S., *Asst. Agron.*

E. E. Hodgkins, B. S., *Res. Assoc. in Dairying.*

‖Denis Simon, Jr., B. S., *Res. Assoc. in Dairying.*

West La. Expt. Sta., *P. O., DeRidder*—

C. B. Roark, M. S., *Supt.*

H. E. Harris, B. S., *Res. Assoc. in Agron.*

A. H. McDaniel, M. S., *Asst. An. Husb.*

**Southern University and Agricultural and Mechanical College of the State of Louisiana,** *Southern Branch P. O., Baton Rouge 5*

*Agricultural and Home Economic faculties.
§Leave of absence.

*F. G. Clark, Ph. D., *President.*
*J. W. Fisher, M. S., *Dir. of Agr.*
*Pinkie E. Thrift, M. A., *Dir. of Home Econ.*

*E. R. Brantley, M. S., *Dairy Husb.*
*C. H. Chapman, M. S., *Agr. Ed., Resident Teacher-Trainer.*
*M. J. Clark, M. S., *Agr. Ed., Itinerant Teacher-Trainer.*
*A. Ola Davis, M. A., *Home Econ., Resident Teacher-Trainer.*
*W. H. Holmes, M. S., *Hort.*
*J. H. Hope, M. S., *Poultry Husb.*
*§Hezekiah Jackson, M. S., *Hort.*
*Ezelle W. Johnson, M. S., *Clothing, Art, and Home Mgt.*
*D. W. Mays, Ph. D., *Agron.*
*Mrs. Georgia S. Minnis, M. S., *Foods and Nutr.*
*Mrs. Rebecca F. Netterville, M. S., *Dist. Supvr.*
*G. E. Robinson, Ph. D., *An. Husb.*
*Mrs. Camille S. Shade, B. S. L. S., M. S., *Libr.*
*Mrs. Louise Talton, M. S., *Family Relationship.*
*F. C. Temple, M. S., *Agr. Econ.*
*Mrs. Ruth B. Ward, M. S., *Foods and Nutr.*
*E. C. Wright, B. S., *Agr. Engin.*

## MAINE

**College of Agriculture and the Agricultural Experiment Station of the University of Maine,** *Orono*

*College faculty. †Station staff. ‡Extension staff.
§Leave of absence.

*A. A. Hauck, Ph. D., LL. D, *President of University*
*†‡A. L. Deering, B. S., Sc. D., *Dean Coll. of Agr., in charge of Res., Dir. of Agr. Ext. Service.*
†————, *Dir. of Sta.*
*W. C. Libby, M. S., *Assoc. Dean Coll. of Agr., in charge Resident Instr.*
†G. F. Dow, Ph. D., *Assoc. Dir. of Sta.*
*†F. S. Youngs, *Treas.*

**Agronomy:**

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†P. N. Carpenter, M. S., *Asst. Agron.*
†C. E. Cunningham, B. S., *Asst. in Agron.*
‡J. C. Hickey, M. S., *Veg. and Canning Crops Spec.*
*†C. H. Moran, M. S., *Asst. Prof. and Assoc. Agron.*
*†H. J. Murphy, M. S., *Instr. and Asst. Agron.*
*†L. H. Taylor, Ph. D., *Asst. Prof. and Asst. Agron.*
*†G. L. Terman, Ph. D., *Prof. Agron.; Agron.*
†H. W. Trask, B. S., *Asst. in Agron.*
*†M. F. Trevett, M. S., *Asst. Prof. and Assoc. Agron.*
‡O. L. Wyman, B. S., *Crops Spec.*

**Animal Industry:**

*†H. C. Dickey, Ph. D., *Prof. and Head of Dept.*
*†H. H. Brugman, Ph. D., *Asst. Prof. and Asst. An. Husb.*
*†H. L. Chute, D. V. M., *Assoc. Prof. and Assoc. An. Path.*
‡R. A. Corbett, M. S., *Ext. Dairyman.*
*†L. M. Dorsey, M. S., *Prof. and Assoc. Dairy Husb.*

**Animal Industry**—Continued

*†§C. G. M. Edgerly, M. S., *Asst. Prof. and Asst. An. Husb.*
*†H. W. Hall, M. S., *Asst. Prof. and Asst. An. Husb.*
*‡H. A. Leonard, M. S., *Assoc. Prof. An. Husb.; Ext. Dairyman.*
*G. E. Ramsdell, B. S., *Instr. Dairy Husb.*
‡R. F. Talbot, B. S., *Dairy Spec.*
*‡J. F. Witter, B. S., D. V. M., *Prof. An. Path.*

**Bacteriology and Biochemistry:**

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*C. E. Buck, Ph. D., *Asst. Prof. Bact.*
*F. H. Dalton, M. S., *Asst. Prof. Bact.*
†J. S. Getchell, M. S., *Assoc. Bact. and Asst. Food Tech.*
*J. T. Pedlow, Ph. D., *Prof. Biochem.*
*H. W. Smith, Ph. D., *Prof. Biochem.*

**Botany:**

*F. H. Stienmetz, Ph. D., *Prof. and Head of Dept.*
*G. R. Cooper, *Asst. Prof. Bot.*
*Fay Hyland, M. S., *Prof. Bot.*
*E. C. Ogden, Ph. D., *Asst. Prof. Bot.*

**Chemistry (Agr.):**

†E. R. Tobey, M. S., Ch. E., *Head of Dept.*
†D. J. Dubé, B. S., *Asst. in Chem.*
†A. S. Getchell, M. S., *Asst. Chem.*
†M. E. Highlands, Ph. D., *Food Technol.*
†J. J. Licciardello, M. S., *Asst. in Biochem.*
†E. O. Merrill, B. S., *Asst. Chem.*
†E. S. Packard, B. S., *Asst. in Chem.*
†B. E. Plummer, Jr., M. S., *Chem.*
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**Economics (Agr.) and Farm Management:**

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*E. J. Lebrun, M. S., *Asst. Prof. Agr. Econ. and Farm Mgt.*
‡A. W. Manchester, B. A., *Ext. Econ.*
*†H. B. Metzger, Ph. D., *Assoc. Prof. Econ. and Farm Mgt.; Assoc. Agr. Econ.*
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*Harold Davidson, *Instr. Hort., Short Courses (Nursery and Landsc. Mgt.).*
*R. E. Dennis, B. S., *Instr., Short Courses (Gen Agr.).*
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Huntley Field Sta., *P. O., Huntley* [2]—
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## NEW YORK

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‡C. J. Maupin, M. S., *Ext. Asst. Prof. Poultry Sci.*
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*N. W. Williams, M. S., *Asst. Prof. Poultry Sci.*

**Sociology (Rural):**

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†J. W. Green, M. S., *Instr. Rural Sociol.*
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**Statistics (Expt.):**

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*Mrs. Sarah P. Carroll, M. S., *Instr. Expt. Stat.*
*†R. E. Comstock, Ph. D., *Prof. Expt. Stat.*
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*Mary E. Harris, M. S., *Instr. Expt. Stat.*
*†H. L. Lucas, Jr., Ph. D., *Prof. Expt. Stat.*
*†F. E. McVay, Ph. D., *Asst. Prof. Expt. Stat.*
*†R. J. Monroe, Ph. D., *Res. Assoc. Prof. Expt. Stat.*
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*Dan Teichroew, M. A., *Instr. Expt. Stat.*
*†F. J. Verlinden, M. S., *Res. Asst. Prof. Expt. Stat.*
†J. T. Wakeley, Ph. D., *Res. Asst. Prof. Expt. Stat.*

**Miscellaneous:**

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**Branch Stations:** [3]

C. D. Thomas, M. S., *Dir. Test Farm Div.*
J. D. Traywick, B. S., *Admin. Asst. Test Farm Div.*
Border Belt Tobacco Res. Farm, *P. O., Whiteville*—
J. W. Dickens, B. S., *Supvr.*
Central Sta. Farm, *P. O., Raleigh*—
L. Y. Parker, *Supt.*
Coastal Plain Branch Sta., *P. O., Willard*—
Jesse Sumner, B. S., *Asst. Dir.*
Gordon Blake, B. S., *Foreman.*
C. O. Bollinger, *Poultryman.*
E. W. Faires, B. S., *Dairy Herdsman (Coop. U. S. D. A.)*.
Lower Coastal Plain Tobacco Res. Farm, *P. O., Greenville*—
C. W. Suggs, B. S., *Supvr.*

**Branch Stations** [3]—Continued

McCullers Expt. Sta., *R. 1, Apex*—
W. H. Bailey, B. S., *Supt.*
Melvin Thomas, *Foreman.*
Mountain Branch Sta., *P. O., Waynesville*—
Ray Whisenhunt, B. S., *Asst. Dir.*
Garfield Harris, *Foreman.*
Luther Shaw, Ph. D., *Agron. (Coop. U. S. D. A.)*.
Mountain Fruit & Veg. Sta., *P. O., Hendersonville*—
W. H. Perry, Jr., B. S., *Supvr.*
Peach Res. Lab., *P. O., Eagle Springs*—
Clarence Black, M. S., *Supvr.*
Piedmont Branch Sta. *P. O., Statesville*—
J. W. Hendricks, B. S., M. Agr., Asst. *Dir.*
V. N. Baird, *Foreman.*
Tidewater Branch Sta., *P. O., Plymouth*—
J. L. Rea, Jr., B. S., *Asst. Dir.*
Herbert Allen, *Foreman.*
F. B. Harris, *Herdsman.*
Tobacco Branch Sta., *P. O., Oxford*—
J. M. Carr, B. S., *Asst. Dir. (Coop. U. S. D. A.)*.
C. M. Blackwell, *Foreman.*
Upper Coastal Plain Branch Sta., *P. O., Rocky Mount*—
R. E. Currin, Jr., B. S., *Asst. Dir.*
William Allsbrook, *Asst. Supt.*
Upper Mountain Branch Sta., *P. O., Laurel Springs*—
J. A. Graham, B. S., *Asst. Dir.*
Gordon Sheets, *Foreman.*
Dan Taylor, *Herdsman.*
Upper Piedmont Tobacco, Res. Farm, *P. O., Rural Hall*—
J. E. Sanderson, B. S., *Supvr.*
Vegetable Res. Lab., *P. O., Wilmington*—
J. M. Jenkins, Jr., Ph. D., *Res. Prof. Hort. in charge.*
F. A. Haasis, Ph. D., *Res. Assoc. Prof. Plant Path.*
Vegetable Sta.—Duplin, Wayne, Sampson Area; *P. O., Faison*—
A. A. Banadyga, M. S., *Hort. in charge.*

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*I. H. Miller, Jr., Ph. D., *Assoc. Prof. Chem.*
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*J. B. Murphy, M. S., *Assoc. Prof. Agron.*
*James Pendergrast, M. S., *Asst. Prof. Chem.*
*Katrina M. Porcher, M. A., *Asst. Prof. Home Econ.*
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‡N. D. Gorman, B. S., *County Agt. Leader.*
‡O. J. Nesset, *Admin. Asst. to Dir.*
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‡Ruth L. Shepard, B. S., *Assoc. 4–H Club Leader.*
‡B. J. Berntson, B. S., *Dist. Supvr.*
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*Minnie A. Anderson, M. A., *Prof. Home Econ. and Chair. Dept. of Clothing and Textiles.*
‡Julia E. Brekke, M. A., *Ext. Agt. in Clothing.*
‡Ruth M. Dawson, M. A., *Ext. Nutr.*
‡Mrs. Florence P. Day, M. S., *Ext. Agt. in Home Mgt.*
*Christine Finlayson, A. M., *Assoc. Prof. Home Econ. and State Supvr. Home-making Ed.*
*Mildred E. Hawkins, M. S., *Asst. Prof. Clothing and Textiles.*
*Lucille M. Horton, M. S., *Prof. and Chair. Dept. of Home Econ. Ed.*
*Frances K. Kapuscinski, B. S., *Prof. and Chair. Dept. of Art.*
*Constance Leeby, M. A., *Assoc. Prof. Home Econ. (Foods).*
*Majore Lovering, *Asst. State Supvr. Home Econ.*
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*Evadine Parker, M. S., *Asst. Prof. Home Econ. Ed.*
*Emily P. Reynolds, B. S., *Instr. Clothing.*
*Eileen L. Satre, M. S., *Instr. Related Art.*
*Margaret A. Schmidt, B. A., *Instr. Related Art.*
*Mildred E. Schmidt, M. S., *Instr. Foods.*
*Elvira T. Smith, M. A., *Prof. and Chair. Dept. of Foods and Nutr.*
*Eleanor A. Vergin, B. S., *Home Mgt. House Supvr., Instr. Home Mgt.*
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**Human Nutrition:**
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**Plant Industry:**
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**Plant Industry**—Continued
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*†H. J. Gorz, Ph. D., *Asst. Prof. and Asst. Agron.*
†R. M. Heermann, M. S., *Asst. Agron. (Coop. U. S. D. A.).*
†M. G. Klages, M. S., *Asst. in Soils.*
†B. L. Matzek, B. S., *Soil Sci. (Coop. U. S. D. A.).*
†J. E. McClelland, Ph. D., *Soil Sci. (Coop. U. S. D. A.).*
*†E. B. Norum, Ph. D., *Prof. Soils; Soil Sci.*
†Lloyd Shoesmith, B. S., *Soil Sci. (Coop. U. S. D. A.).*
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†L. R. Waldron, Ph. D., *Agron. (Plant Brdg.).*
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CEREAL TECHNOLOGY:
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‡H. A. Graves, B. S., *Ext. Hort.*
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Larkin Langford, M. S., *Asst. An. Husb.*
Edgeley—
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Robert Woods, B. S., *Farm Mgr.*
Langdon—
Victor Sturlaugson, *Supt.*
Minot (No. Central)—
G. N. Geiszler, M. S., *Supt.*
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## OHIO

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*T. S. Sutton, Ph. D., *Asst. Dean Coll. of Agr.*
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‡F. J. Salter, Ph. D., *Assoc. Prof. Agron.*
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*L. E. Kunkle, M. S., *Assoc. Prof. An. Husb.*[4]
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## SOUTH DAKOTA

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†F. D. Brock, Ph. G., *Chief*
†M. P. Holleman, *Asst. Chief.*
†R. G. King, B. S., *Feed Insp.*
†K. L. Kirkland, B. S., *Feed Insp.*
†C. C. Perry, M. A., *Feed Insp.*
†S. D. Reynolds, Jr., *Feed Insp.*
†J. C. Sorrells, B. S., *Feed Insp.*
†H. M. Thompson, *Feed. Insp.*
†H. G. Wickes, B. S., D. V. M., *Feed Insp.*
†G. B. Wilson, B. S., *Feed Insp.*

**Floriculture and Landscape Architecture:**
*†A. F. DeWerth, M. S., *Prof. and Head of Dept.*
*N. M. McGinnis, B. S., *Prof.*
*W. M. Ruff, M. S., *Asst. Prof. Landsc. Arch.*
*†§R. F. White, M. L. A., *Assoc. Prof. Landsc. Arch.*

**Genetics:**
*†C. B. Godbey, M. S., *Prof. and Head of Dept.*
*M. S. Garber, Ph. D., *Asst. Prof.*
*H. H. Hadley, Ph. D., *Assoc. Prof.*
*†§R. R. Shrode, Ph. D., *Assoc. Prof. (Coop. U. S. D. A.).*

**Home Economics:**

†Jessie O. Whitacre, Ph. D., *Prof. and Head Dept. of Rural Home Res.*
‡Bernice Claytor, B. S., *Home Mgt. Spec.*
†Sylvia Cover, Ph. D., *Prof. Foods and Nutr.*
‡Bonnie Cox, B. S., *Organ. Spec.*
‡Maeona L. Cox, B. S., *Foods and Nutr.*
‡Gladys L. Darden, M. S., *Home Mgt.*
†Mary A. Grimes, M. S., *Prof. Textiles and Clothing.*
‡Jimmie N. Harris, M. S., *Assoc. Foods and Nutr. Spec.*
‡Sadie Hatfield, M. A., *Homestead Improvement.*
‡Eloise T. Johnson, M. A., *Family Life Ed. Spec.*
‡Florence W. Low, M. S., *Home Mgt. Spec.*
‡Louise Mason, M. S., *Foods and Nutr. Spec.*
‡Lucille H. Moore, M. S., *Recreation.*
†June K. Pace, M. S., *Tech. Foods and Nutr.*
‡Frances L. Reasonover, B. S., *Asst. Foods and Nutr.*
‡Nena M. Roberson, M. S., *Assoc. Clothing Spec.*
‡Mary Routh, M. A., *Clothing Spec.*
†W. H. Smith, Jr., B. S., *Tech. Foods and Nutr.*
†Carolyn A. Werman, M. S., *Tech. Textile Res.*

**Horticulture:**

*†‡G. W. Adriance, Ph. D., *Prof. and Head of Dept.*
*†H. T. Blackhurst, Ph. D., *Assoc. Prof.*
*†F. R. Brison, M. S., *Prof.*
†W. H. Brittingham, Ph. D., *Prof.*
*†R. F. Cain, M. S., *Assoc. Prof.*
‡J. E. Hutchison, M. S., *Ext. Hort.*
*†A. H. Krezdorn, M. S., *Asst. Prof.*
*†H. C. Mohr, M. S., *Asst. Prof.*
‡J. F. Rosborough, B. S., *Hort. Mktg. Spec.*
*†T. S. Stephens, M. S., *Asst. Prof.*

**Plant Physiology and Pathology:**

*†‡G. M. Watkins, Ph. D., *Prof. and Head of Dept.*
†L. S. Bird, M. S., *Instr. Plant Path.*
†F. M. Eaton, Ph. D., *Prin. Plant Physiol.* (*Coop. U. S. D. A.*).
†D. R. Ergle, Ph. D., *Chem.* (*Coop. U. S. D. A.*).
*†W. C. Hall, Ph. D., *Assoc. Prof. Plant Physiol.*
*†H. E. Joham, Ph. D., *Asst. Prof. Plant Physiol.* (*Coop. U. S. D. A.*).
†‡D. C. Norton, Ph. D., *Asst. Prof. Plant Path.* (*Coop. U. S. D. A.*).
*†D. W. Rosberg, Ph. D., *Asst. Prof. Plant Path.*
*†M. D. Whitehead, Ph. D., *Asst. Prof. Plant Path.*

**Poultry Husbandry:**

*†‡J. H. Quisenberry, Ph. D., *Prof. and Head of Dept.*
†R. L. Atkinson, M. S., *Res. Assoc.*
‡F. Z. Beanblossom, M. S., *Ext. Poultry Mktg. Spec.*
*†W. E. Briles, Ph. D., *Assoc. Prof.* (*Coop. U. S. D. A.*).
*†J. R. Couch, Ph. D., *Prof.*
†B. H. Doran, B. S., *Poultry Supvr.*
†G. H. Draper, M. S., *Poultry Supvr.*
*†J. W. Evans, M. S., *Instr.*
†J. R. Grubbs, B. S., *Poultry Supvr.*
‡W. J. Moore, M. S., *Ext. Poultry Husb.*
†G. J. Mountney, M. S., *Asst. Prof.*
*†E. D. Parnell, M. S., *Prof.*
*†C. B. Ryan, M. S., *Asst. Prof.*
*†R. M. Sherwood, M. S., *Prof.*
‡J. C. Williams, B. S., *Asst. Ext. Poultry Husb.*

**Publications:**

*†‡R. H. Shuffler, B. A., *Dir. Information and Pubs.*
†Tad Moses, *Editor.*
‡R. B. Hickerson, *Radio Editor.*

**Publications**—Continued

‡Frances L. Arnold, B. S., *Asst. Editor.*
‡T. W. Bishop, *Illustrator, Artist.*
‡Dorothy A. Holland, B. A., *Asst. Editor, Pubs.*
‡A. B. Kennerly, M. S., *Asst. Editor.*
†‡B. E. Landrum, B. S., *Editorial Asst.*
‡J. W. Potts, M. S., *Asst. Editor.*
‡J. T. Sloan, B. S., *Visual Aids Spec. and Actg. Editor.*

**Range and Forestry:**

*†‡V. A. Young, Ph. D., *Prof. and Head of Dept.*
*†R. A. Darrow, Ph. D., *Prof.*
*†F. W. Gould, Ph. D., *Assoc. Prof. and Curator.*
†W. G. McCully, M. S., *Asst. Prof.*
*R. R. Rhodes, B. S. F., *Asst. Prof.*
‡C. W. Simmons, M. F., *Ext. For.*
*†O. E. Sperry, Ph. D., *Prof.*
*G. W. Thomas, M. S., *Asst. Prof.*
*†W. J. Waldrip, M. S., *Instr.*
‡A. H. Walker, M. S., *Ext. Range Spec.*
*†‖D. G. Wilson, B. S., *Asst. Prof.*

**Veterinary Medicine:**

*†‡I. B. Boughton, D. V. M., *Dean of School.*

VETERINARY ANATOMY:

*J. H. Milliff, M. S., D. V. M., *Prof. and Head of Dept.*
*L. W. Gibbs, D. V. M., *Instr.*
*A. A. Price, D. V. M., *Instr.*

VETERINARY BACTERIOLOGY AND HYGIENE:

*J. P. Delaplane, D. V. M., M. S., *Prof. and Head of Dept.*
*W. C. Banks, D. V. M., *Assoc. Prof.*
*†W. A. Boney, Jr., D. V. M., M. S., *Assoc. Prof.*
*Joyce Gray, *Tech.*
*†L. C. Grumbles, D. V. M., *Assoc. Prof.*
*F. P. Jaggi, Jr., B. S., D. V. M., *Prof.*
*V. A. Miller, D. V. M., *Instr.*

VETERINARY EXTENSION:

‡C. M. Patterson, D. V. M., *Ext. Vet.*

VETERINARY MEDICINE AND SURGERY:

*A. A. Lenert, B. S., D. V. M., *Prof. and Head of Dept.*
*W. W. Armistead, D. V. M., *Prof. Vet. Med. and Surg.*
*J. N. Beasley, D. V. M., *Instr.*
*J. P. Fuller, D. V. M., *Instr.*
*W. V. Lumb, D. V. M., *Assoc. Prof. Vet. Med. and Surg.*
*†H. E. Redmond, D. V. M., *Assoc. Prof. Vet. Med. and Surg.*
*J. C. Swaim, D. V. M., *Asst. Prof.*

VETERINARY PATHOLOGY:

*H. A. Smith, D. V. M., Ph. D., *Prof. and Head of Dept.*
*W. S. Johnson, D. V. M., *Asst. Prof.*
*W. S. Monlux, D. V. M., Ph. D., *Prof.*

VETERINARY PHYSIOLOGY AND PHARMACOLOGY:

*P. W. Burns, B. S., D. V. M., *Prof. and Head of Dept.*
*R. H. Davis, D. V. M., *Asst. Prof.*

VETERINARY RESEARCH:

*†H. Schmidt, B. S., D. V. M., *Prof.* (*Modified Service*).
†T. E. Franklin, D. V. M., *Asst. Prof.*

VETERINARY PARASITOLOGY:

*†R. D. Turk, D. V. M., M. S., *Prof. and Head of Dept.*

**Wildlife Management:**

*W. B. Davis, Ph. D., *Prof. and Head of Dept.*
‡R. E. Callender, B. S., *Spec. in Wildlife Conserv.*
*F. T. Knapp, B. A., *Asst. Prof.*
*L. W. Wing, Ph. D., *Assoc. Prof.*

**Miscellaneous:**

*R. A. Houze, B. L. S., *Libr.*
*Howard Berry, B. S., *Dir. Photo and Visual Aids Lab.*
*L. C. Eakin, B. S., *Farm Supt., Coll. Plantation and Farm Service.*
†Chester Higgs, *Stat. Recorder.*
†Dorothy L. Boyce, *Secy. to the Dir.*
†E. W. Hooker, *Chief Clerk.*
†V. E. Schember, M. S., *Exec. Asst.*

**Substations:**

Amarillo (Soil Conserv. Invest.)—
C. J. Whitfield, Ph. D., *Project Supvr. (SCS: Coop. U. S. D. A.).*
M. L. Arnold, *Agt. (SCS).*
W. C. Johnson, M. S., *Asst. Soil Sci. (SCS: Coop. U. S. D. A).*
K. B. Porter, M. S., *Assoc. Agron.*
R. C. Reeder, *Agt. (SCS).*
N. P. Swanson, B. S., *Irrig. Engin. (SCS).*
C. E. Van Doren, B. S., *Soil Conserv. (SCS).*

Angleton (No. 3)—
J. C. Smith, M. S., *Supt.*
G. E. Cauther, D. V. M., M. S., *Assoc. Vet.*
F. C. Jackson, D. V. M., *Assoc. Vet.*
M. E. Riewe, B. S., *Junior Agron.*
L. L. Wade, B. S., *Junior Parasit. (Coop. U. S. D. A.).*

Balmorhea (No. 9)—
J. J. Bayles, B. S., *Supt. (Coop. U. S. D. A.).*
C. R. Lapp, B. S., *Asst. An. Husb.*

Beaumont (No. 4—Rice-Pasture Expt. Sta.)—
W. C. Davis, M. S., *Supt.*
H. M. Beachell, M. S., *Agron. (Coop. U. S. D. A.).*
T. S. Brook, M. S., *Asst. Ent.*
H. A. Kramer, M. S., *Agr. Engin. (Coop. U. S. D. A.).*
J. B. Moncrief, B. S., *Agron. (Coop. U. S. D. A.).*
S. R. Morrison, M. S., *Asst. Agr. Engin.*
E. C. Tullis, Ph. D., *Plant Path. (Coop. U. S. D. A.).*
R. M. Weihing, Ph. D., *Agron. (Coop. U. S. D. A.).*
R. H. Wyche, B. S., *Agron.*

Beeville (No. 1)—
R. A. Hall, B. S., *Supt.*
Gerald Kline, M. S., *Assoc. Agr. Engin. (Coop. U. S. D. A.).*
E. M. Neal, B. S., *Asst. An. Husb.*
Lucas Reyes, *Junior Agron.*

Big Spring Field Sta., *P. O., Big Spring*—
F. E. Keating, B. S., *Supt. (BPISAE: Coop. U. S. D. A.).*

Blackland Expt. Watershed, Riesel, *P. O., Box 1583, Waco*—
R. W. Baird, M. S., *Soil Conserv. (SCS: Coop. U. S. D. A.).*
F. E. Choate, *Engin. Aid (SCS: Coop. U. S. D. A.).*
H. P. Hicks, *Agr. Aid (SCS: Coop. U. S. D. A.).*
J. B. Pope, M. S., *Soil Conserv. (SCS: Coop. U. S. D. A.).*
H. J. Quinius, Jr., B. S., *Agr. Engin. (SCS: Coop. U. S. D. A.).*
A. G. Woltman, *Engin. Aid (SCS: Coop. U. S. D. A.).*

Bluebonnet Farm, McGregor (No. 23)—
H. O. Hill, B. S., *Supt.*
S. P. Davis, *Wool Mohair Tech.*
B. D. Hargrove, M. S., *Assoc. Agron.*
M. W. Hazen, M. S., *An. Husb. (Coop. U. S. D. A.).*
B. L. Warwick, D. V. M., Ph. D., *An. Husb. and Geneticist (Coop. U. S. D. A.).*

**Substations**—Continued

Chillicothe (No. 12)—
J. R. Quinby, M. S., *Supt. and Agron.*
R. F. Holland, M. S., *Asst. Agron.*
J. C. Stephens, M. S., *Agron. (Coop. U. S. D. A.).*

College Station (No. 10)—
L. J. McCall (Modified Service), *Supvr.*

College Station (Main Station Farm)—
J. E. Roberts, M. S., *Supt.*
D. R. Royder, *Tech. Asst.*
F. A. Wolters, B. S., *Asst. Supt.*

Cotton Field Sta., *P. O., Greenville*—
D. R. Hooton, B. S., *Assoc. Agron. (BPISAE: Coop. U. S. D. A.)*
D. D. Porter, B. S., *Asst. Agron. (BPISAE: Coop. U. S. D. A.).*
H. W. English, *Agr. Aid (BPISAE: Coop. U. S. D. A.).*

Cotton Insect Invest., *P. O. Box 1033, Brownsville*—
A. J. Chapman, B. S., *Ent. (BEPQ: Coop. U. S. D. A.).*
C. A. Richmond, B. S., *Ent. (BEPQ: Coop. U. S. D. A.).*
O. T. Robertson, *Ent., (BEPQ: Coop. U. S. D. A.).*
Ivan Shiller, M. S., *Ent. (BEPQ: Coop. U. S. D. A.).*
O. L. Walton, *Ent. (BEPQ: Coop. U. S. D. A.).*

Cotton Insect Invest., *San Benito*—
R. L. McGarr, B. S., *Ent. (BEPQ: Coop. U. S. D. A.).*

Cotton Insect Invest., *P. O. Box 1218, Waco*—
K. P. Ewing, B. S., *Ent. in charge (BEPQ: Coop. U. S. D. A.).*
C. B. Cowan, Jr., B. S., *Ent. (BEPQ: Coop. U. S. D. A.).*
H. S. Johnson, Jr., B. S., *Ent. (BEPQ: Coop. U. S. D. A.).*
C. R Parencia, Jr. B. S., *Ent. (BEPQ: Coop. U. S. D. A.).*

Denton (No. 6)—
D. I. Dudley, B. S., *Supt.*
I. M. Atkins, Ph. D., *Agron. (Coop. U. S. D. A.).*
J. H. Gardenhire, M. S., *Junior Agron.*
M. J. Norris, Jr., B. S., *Asst. Agron.*
C. O. Spence, M. S., *Asst. Agron.*

Div. of Grasshopper Control, *P. O., 231 Federal Bldg., Waco*—
J. M. Landrum, M. S., *Ent.; Operations Supvr. (BEPQ: Coop. U. S. D. A.).*
A. M. Hillis, B. S., *Ent.; Area Supvr. (BEPQ: Coop. U. S. D. A.).*
W. J. Spicer, M. S., *Ent.; Field Supvr. (BEPQ: Coop. U. S. D. A.).*

Hearne (Hort. Invest. Lab., Milan and Robertson Counties)—
G. A. Buffington, B. S., *Asst. Hort.*

Gilmer (Sweet Potato Invest.)—
Ralph Michael, B. S., *Assoc. Hort. in charge*

Gonzales (No. 21)—
J. R. Reed, Jr., M. S., *Supt.*
H. T. Cartrite, D. V. M., *Assoc. Poultry Path.*

Iowa Park (No. 16)—
L. E. Brooks, B. S., *Supt.*
V. I. Woodfin, B. S., *Junior Hort.*

Jacksonville (Tomato Disease Invest.)—
P. A. Young, Ph. D., *Plant Path. in charge.*

Kirbyville (No. 22)—
E. D. Cook, Ph. D., *Supt.*
§R. P. Bates, M. S., *Junior Agron.*
T. H. Silker, M. S., *Silviculturist (Coop. Texas For. Service).*
J. R. Wood, M. S., *Junior Agron.*

**Substations**—Continued

Livestock and Range Investigations, *P. O., Encino*—
W. J. McBride, B. S., *Asst. An. Husb.* (*Coop. King Ranch*).

Livestock Insect Invest., *P. O. Box 232, Kerrville*—
E. W. Laake, Ph. D., *Ent.* (*BEPQ: Coop. U. S. D. A.*).
R. C. Bushland, M. S., *Ent.* (*BEPQ: Coop. U. S. D. A.*).
H. V. Claborn, B. S., *Chem.* (*BEPQ: U. S. D. A.*).
R. D. Radeleff, D. V. M., *Vet.* (*BAI: Coop. U. S. D. A.*).
R. W. Wells, M. S., *Ent.* (*BEPQ: Coop. U. S. D. A.*)..

Lubbock (No. 8)—
D. L. Jones, *Supt.*
G. H. Abel, M. S., *Agron.* (*Coop. U. S. D. A.*).
John Box, B. S., *Asst. Irrig. Engin.*
E. B. Hudspeth, Jr., M. S., *Agr. Engin.* (*Coop. U. S. D. A.*).
R. E. Karper, M. S., *Agron.*
N. W. Kramer, Ph. D., *Asst. Agron.*
L. L. Ray, M. S., *Asst. Agron.*
E. L. Thaxton, Jr., B. S., *Junior Agron.*

Lufkin (Pasture Invest.)—
E. K. Crouch, B. S., *Actg. Asst. An. Husb. in charge.*
W. C. Knapp, B. S., *Asst. An. Husb. in charge.*

Marfa (Animal Disease Invest.)—
P. H. Vardiman, D. V. M., *Assoc. Vet.*

Montague (Fruit Invest.)—
U. A. Randloph, M. S., *Assoc. Hort. in charge.*

Mt. Pleasant (Dairy Invest.)—
Mark Buckingham, *Dairy Husb.*

Nacogdoches (No. 11)—
H. C. Hutson, B. S., *Supt.*

Pantech Field Lab., *P. O., Route No. 2, Panhandle*—
M. R. Callinam, D. V. M., *Assoc. Vet. in charge* (*BAI: Coop. U. S. D. A.*).
H. R. Crookshank, Ph. D., *An. Nutr.* (*BAI: Coop. U. S. D. A.*).
Marilyn R. Galvin, B. S., *Tech.*
M. W. Lynch, *Agt. An. Husb.* (*BAI: Coop. U. S. D. A.*).
L. A. Maddox, Jr., B. S., *An. Husb. of PanTech Farms.*
J. P. Smith, B. S., *Farm Manager of PanTech Farms.*

Pecan Field Sta., *P. O. Box 589, Brownwood*—
L. D. Romberg, B. S., *Assoc. Hort. in charge* (*BPISAE: Coop. U. S. D. A.*).
C. L. Smith, Ph. D., *Senior Physiol.; Field Supvr.* (*BPISAE: Coop. U. S. D. A.*).
C. B. Nickels, M. S., *Assoc. Ent.* (*BEPQ: Coop. U. S. D. A.*) (*P. O. Box 209*).

Prairie View (No. 18)—
G. L. Smith, M. S., *Supt.* (*Coop. P. V. A. & M. Coll.*).
O. E. Smith, M. S., *Asst. Prof. Agron.*
J. C. Williams, M. S., *Assoc. Prof. An. Husb.*

Sonora (No. 14)—
W. T. Hardy, D. V. M., *Supt.*
O. L. Carpenter, Jr., *An. Husb.*
§W .T. Magee, Ph. D., *Asst. An. Husb.*
L. B. Merrill, B. S., *Asst. Range Mgt.*
D. A. Price, D. V. M., *Asst. Vet.*

**Substations**—Continued

South Plains Sandy Land Lab., *P. O. Box 151, Brownfield*—
H. G. Porterfield, B. A., *Project Supvr.* (*SCS: Coop. U. S. D. A.*).

Spur (No. 7)—
C. E. Fisher, M. S., *Supt. and Agron.*
Earl Burnett, M. S., *Asst. Agron.*
P. T. Marion, M. S., *Asst. An. Husb.*
W. M. Phillips, M. S., *Asst. Agron.* (*Coop. U. S. D. A.*).

Stephenville (No. 20)—
B. C. Langley, M. S., *Supt.*
T. E. Denman, B. S., *Assoc. Hort.*
W. E. McCullough, *Asst. Agron.*

Temple (No. 5)—
R. M. Smith, Ph. D., Supt. (*Coop. U. S. D. A.*).
J. W. Collier, B. S., *Asst. Agron.*
R. J. Hervey, M. S., *Asst. Plant. Path.*
O. J. Tippit, *Agr. Aid* (*Coop. U. S. D. A.*).

Tyler (No. 2)—
P. R. Johnson, M. S., *Supt.*
S. E. Carpenter, B. S., *Assoc. Dairy Husb.*
H. F. Morris, M. S., *Hort.*

U. S. Cotton Fiber Lab., *College Station* (*P. O., Box 297*).
S. T. Burley, Jr., B. S., *Cotton Tech. in charge* (*PMA: Coop. U. S. D. A.*).
E. J. Carr, B. S., *Sci. Aid* (*PMA: Coop. U. S. D. A.*).
F. S. Eddins, B. S., *Cotton Tech.* (*PMA: Coop. U. S. D. A.*).
Nell S. Glasscock, B. S., *Sci. Aid* (*PMA: Coop. U. S. D. A.*).
Felice S. Klein, M. S., *Sci. Aid* (*PMA: Coop. U. S. D. A.*).
Edward Merka, *Sci. Aid* (*PMA: Coop. U. S. D. A.*).
J. B. Nemec, *Sci. Aid* (*PMA: Coop.* (*U. S. D. A.*).
F. W. Schultz, B. S., *Cotton Tech.* (*PMA: Coop. U. S. D. A.*).
Jessie R. Sheffield, *Sci. Aid* (*PMA: Coop. U. S. D. A.*).
R. M. Steward, *Sci. Aid* (*PMA: Coop. U. S. D. A.*).
R. L. Watson, *Sci. Aid* (*PMA: Coop. U. S. D. A.*).
F. M. Wynn, B. S., *Cotton Tech.* (*PMA: Coop. U. S. D. A.*).

Weslaco (No. 15)—
W. R. Cowley, B. S., *Supt.*
D. C. Alderman, Ph. D., *Assoc. Hort.*
§W. R. Blackburn, B. S., *Tech. Asst.*
M. E. Bloodworth, B. S., *Asst. Agr. Engin.*
C. A. Burleson, M. S., *Asst. Agron.*
H. L. Chada, Ph. D., *Ent.* (*Coop. U. S. D. A.*).
W. C. Cooper, Ph. D., *Physiol.* (*Coop. U. S. D. A.*).
H. A. Dean, M. S., *Assoc. Ent.*
G. H. Godfrey, Ph. D., *Plant Path.*
J. L. Hubbard, M. S., *Asst. Agron.*
E. M. Kroth, Ph. D., *Soil Chem.* (*Coop. Texas Citrus Comn.*).
§P. W. Leeper, B. S., *Junior Hort.*
N. P. Maxwell, M. S., *Asst. Hort.*
E. O. Olson, Ph. D., *Assoc. Plant Path.* (*Coop. U. S. D. A.*).
P. T. Riherd, M. S., *Asst. Ent.*
P. E. Ross, B. S., *Engin. Spec.* (*SCS: Coop. U. S. D. A.*).
E. M. Trew, M. S., *Assoc. Agron.*
G. P. Wene, Ph. D., *Ent.*
E. A. Wood, B. S., *Asst. Ent.* (*Coop. U. S. D. A.*).

**Substations**—Continued

Winter Haven (No. 19)—
B. A. Perry, Ph. D., *Supt.*
O. H. Calvert, Ph. D., *Asst. Plant Path.*
N. S. Evatt, M. S., *Asst. Agron.* (*Coop. U. S. D. A.*).
C. S. Miller, B. S., *Sci. Aid* (*Coop. U. S. D. A.*).
Ernest Mortensen, B. S., *Hort.*
B. H. Richardson, M. S., *Asst. Ent.*
J. W. Whitworth, B. S., *Asst. Agron.* (*Coop. U. S. D. A.*).

Yoakum (Plant Disease Invest.)—
A. L. Harrison, Ph. D., *Plant Path. in charge.*
T. E. Boswell, B. S., *Junior Plant Path.*

**Substations**—Continued

Ysleta (No. 17)—
P. J. Lyerly, Ph. D., *Supt.* (*Coop. U. S. D. A.*).
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P. D. Christensen, Ph. D., *Asst. Agron.*
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†A. C. Jerstad, D. V. M., *Assoc. Vet. (P. O., Puyallup).*
*R. A. Kainer, D. V. M., *Instr. Vet. Anat.*

**Veterinary Medicine**—Continued

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*P. A. Klavano, D. V. M., *Asst. Prof. Vet. Physiol. and Pharmacol.*
*J. A. McCurdy, D. V. M., *Assoc. Prof. Vet. Anat.*
*R. L. Oll, D. V. M., *Asst. Prof. Vet. Med. and Surg.*
*W. E. Ribelin, D. V. M., *Instr. Vet. Path.*
*G. R. Spencer, D. V. M., Ph. D., *Prof. Vet. Hyg. and Path.*
*E. C. Stone, M. S., D. V. M., *Assoc. Prof. Physiol.*
*Nyles Van Hoosen, D. V. M., *Asst. Prof. Vet. Med.*
*Arturs Vitums, D. V. M., V. S., *Assoc. Prof. Vet. Med.*
*F. L. Williams, B. S., *Instr. Vet. Med. and Surg.*

**Miscellaneous:**

*†J. D. Darroch, M. S., *Sta. Stat. and Assoc. Prof. of Agr.*
*D. J. Morrison, B. J., *Asst. to the Dir.*
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Dry Land Expt. Sta., *P. O., Lind*—
W. L. Nelson, M. S., *Supt.*
Irrig. Expt. Sta., *P. O., Prosser*—
H. P. Singleton, M. S., *Supt.*
Northwestern Wash. Expt. Sta., *P. O., Mt. Vernon*—
M. W. Carstens, Ph. D., *Supt.*
Soil Conserv. Expt. Sta. (Coop. U. S. D. A.), *P. O., Pullman*—
G. M. Horner, Ph. D., *Project Super.*
Southwestern Wash. Expt. Sta., *P. O., Vancouver*—
D. F. Allmendinger, Ph. D., *Supt.*
Tree Fruit Expt. Sta., *P. O., Wenatchee*—
Archie Van Doren, Ph. D., *Supt.*
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## WEST VIRGINIA

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*College faculty. †Station staff. ‡Extension staff.
§Leave of absence. ‖Military leave.

*Irvin Stewart, LL. B., Ph. D., LL. D., *President of University.*
*†H. R. Varney, Ph. D., *Dean Coll. of Agr., For., and Home Econ., Dir. of Sta.*
‡J. O. Knapp, B. S., *Dir. of Agr. Ext.*
*†A. H. VanLandingham, Ph. D., *Asst. Dean Coll. of Agr., For., and Home Econ., Asst. Dir. of Sta.*
*††C. T. Neff, Jr., A. B., LL. D., *Comptroller, Treas.*

**Agronomy and Genetics:**

*†G. G. Pohlman, Ph. D., *Head of Dept.*
*†O. J. Burger, Ph. D., *Asst. Prof. and Asst. Agron.*
*†J. L. Cartledge, Ph. D., *Prof. Genetics; Geneticist.*
*†H. W. Fairchild, Ph. D., *Asst. Prof. and Asst. Agron.*
‡R. J. Friant, B. S., *Ext. Agron.*
*†S. L. Galpin, Ph. D., *Prof. Hydrology; Hydrologist.*
*†C. W. Neal, B. A., *Instr. and Asst. in Genetics.*
†B. J. Patton, A. B., *Soil Sci. (Coop. U. S. D. A.).*
*†Collins Veatch, Ph. D., *Assoc. Prof. and Assoc. Geneticist.*

**Animal Husbandry:**

*†E. A. Livesay, Sc. D., *Head of Dept.*
*†G. C. Anderson, Ph. D., *Assoc. Prof. and Assoc. An. Husb.*
*†R. H. Black, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†J. K. Bletner, M. S., *Asst. Prof. and Asst. Poultry Husb.*
*†T. B. Clark, M. S., *Assoc. Prof. and Assoc. Poultry Husb.*
‡B. F. Creech, B. S., *Ext. An. Husb.*
‡§J. C. Emch, B. S., *Asst. Ext. An. Husb.*
‡T. R. Hash, B. S., *Ext. Poultryman.*
*†H. M. Hyre, M. S., *Assoc. Prof. and Assoc. Poultry Husb.*
*†Leo Kotchek, D. V. M., *Asst. Prof. and Asst. An. Path.*

**Animal Husbandry**—Continued

‡B. W. Moore, B. S., *Asst. Ext. Poultryman.*
‡Ben Morgan, *Asst. Ext. An. Husb. (Mktg.).*
*†N. O. Olson, B. S., D. V. M., *Prof. An. Path.; An. Path.*
*†C. V. Wilson, M. S., *Prof. An. Husb.; An. Husb.*

**Biochemistry (Agr.):**

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†C. A. Flanders, M. A., *Asst. Biochem.*
†J. H. Hare, Ph. D., *Asst. Biochem.*
†I. J. Price, B. S., *Asst. Biochem.*
†C. E. Weakley, Jr., M. A., *Assoc. Biochem.*

**Dairy Husbandry:**

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*J. E. Fike, M. S., *Instr. Dairy Mfg.*
‡Gerald Heebink, M. S., *Ext. Dairyman.*
‡W. L. Northern, B. S., *Asst. Ext. Dairyman.*
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*†W. J. Tyler, Ph. D., *Prof. Dairy Husb.*
*†S. J. Weese, M. A., *Asst. Prof. and Asst. Dairy Husb.*

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‡R. S. Boal, M. S., *Ext. Econ. Mktg.*
*†§J. H. Clarke, M. S., *Assoc. Prof. and Assoc. Agr. Econ.*
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**Editorial**—See **Publications:**

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*†Martha A. Plonk, M. S., *Instr. and Asst. in Home Econ. Ed.*
*Blanche E. Price, M. A., *Asst. Prof. Institution Mgt.*
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*Dorothy A. Stoflet, M. S., *Asst. Prof. Home Econ.*
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*†W. H. Childs, Ph. D., *Assoc. Prof. and Assoc. Hort.*
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‡T. D. Gray, B. S., *Ext. Landsc. Arch.*
‡C. R. Kemper, M. S., *Ext. Spec. in Veg. Gard.*
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†R. W. Pease, B. S., *Asst. Hillculturist.*
*†O. E. Schubert, Ph. D., *Asst. Prof. and Asst. Hort.*
*†K. C. Westover, Ph. D., *Prof. Hort.; Hort.*

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*†H. L. Barnett, Ph. D., *Prof. Mycol.; Mycol.*
‡C. F. Bishop, Ph. D., *Ext. Plant Path. and Ent.*
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*†M. E. Gallegly, Jr., Ph. D., *Asst. Prof. and Asst. Plant Path.*
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*†Mrs. Mary R. Sands, M. S., *Instr. and Asst. in Bact.*
*†R. P. True, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
*†H. A. Wilson, Ph. D., *Assoc. Prof. and Assoc. Bact.*

**Publications:**

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†John Luchok, B. S., *Asst. Editor.*
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‡L. G. Watson, A. B., *Ext. Editor.*

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*J. P. Bail, M. S., *Asst. Prof.*
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**Soil Conservation:**

‡George Sharpe, M. S., *Ext. Soil Conserv.*

**Veterinary Medicine—See Animal Husbandry:**

**Miscellaneous:**

†‡D. R. Creel, *Photog. and Asst. Ext. Ed.*
‡G. H. Breiding, B. S., *Naturalist.*

**Substations:**

Ohio Valley Substa., *P. O., Pt. Pleasant*—
D. R. Browning, M. A., *Asst. Agron. in charge.*
Reedsville Expt. Farm, *P. O., Reedsville*—
K. C. Westover, Ph. D., *Hort. in charge (P. O., Morgantown).*

**Substations**—Continued

Reymann Memorial Farms, *P. O., Wardensville*—
C. J. Cunningham, B. S., *Assoc. An. Husb. in charge.*
J. O. Heishman, D. V. S., *Assoc. An. Path.*
University Expt. Farm, *P. O., Kearneysville*—
Edwin Gould, B. S., *Ent. in charge.*
E. O. Hamstead, M. S., *Asst. in Ent. (Coop. U. S. D. A.).*
A. H. Thompson, Ph. D., *Hort.*

**West Virginia State College,** *Institute*

*College faculty. †Station staff. ‡Extension staff.

§Leave of absence.

*John W. Davis, A. M., Litt. D., LL. D., *President.*
*H. H. Ferrell, Ph. D., *Dean.*
*†Madison Broadnax, M. S., *Prof. and Head Dept. of Agr.*
‡L. A. Toney, M. A., *Dir. of Ext., State Leader.*

‡Mrs. Amanda H. Anderson, B. S., *Home Dem. Agt.*
‡Rudolph Arnette, *Ext. Instr. Mining.*
‡Christine Arthur, B. S., *Home Dem. Agt.*
‡Mrs. Ethel Banks, B. S. *Home Dem. Agt.*
*B. W. Barnes, B. S., *Instr. Voc. Agr.*
‡Mrs. Geraldine Belmear, B. S., *Home Dem. Agt.*
‡G. E. Brown, B. S., *Asst. Supvr. Mining Ed.*
*R. L. Bailey, Ph. D., *Instr. Agr.*
‡Mrs. J. V. Carter, *Club Agt.*
‡U. G. Carter, B. S., *Supvr. Mining Ed.*
*Helen Coates, M. S., *Instr. Home Econ.*
‡William Craig, *Instr. Mining. Ed.*
*C. L. Davis, M. S., *Poultry.*
‡Dewey Dixon, *Ext. Instr. Mining.*
*Mrs. Leaonead P. Drain, B. S., in L. S., *Libr.*
‡Mrs. Catherine Eubank, B. S., *Home Dem. Agt.*
‡Bennett Ferguson, *Instr. Mining Ext.*
*B. F. Garrett, M. S., *Prof. Agr.*
‡Mrs. Victoria G. Goens, *Club Agt.*
‡C. T. Hairston, M. S., *State Leader 4-H Club Work.*
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*Mrs. Clara B. Hamilton, R. N., *Instr. Hyg.*

‡Coyal Haynes, B. S., *Home Dem. Agt.*
*Mrs. Ruby F. Henton, M. S., *Instr. Voc. Home Econ.*
‡Mrs. Ida E. Holcombe, B. S., *Home Dem. Agt.*
*Mrs. Ruth B. Jefferson, M. S., *Instr. Home Econ.*
*W. T. Johnson, M. S., *Itinerant Teacher Trainer Agr. Ed.*
*Mrs. Mae A. Jones, M. S., *Dir. Dept. of Home Econ.*
*Mrs. Angie T. King, M. S., *Instr. Chem.*
‡Mrs. T. J. Livisay, B. S., *Dist. Home Dem. Agt.*
‡Mrs. Julia H. Lowery, B. S., *Home Dem. Agt.*
‡Wesley Lynch, M. S., *Agr. Ext. Agt.*
‡E. H. Mitchell, M. S., *County Agt.-at-Large.*
‡Howard Monroe, *Instr. Mining Ed.*
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‡John Patterson, *Instr. Mining Ed.*
†B. A. Perry, M. S., *Res. Agron.*
*§C. E. Prewitt, M. S., *Instr. Agr.*
‡Mrs. Susie J. Price, *Club Agt.*
‡L. H. Richardson, *Instr. Mining Ed.*
‡J. A. Shelton, M. S., *Instr. Mining Ed.*
*W. J. L. Wallace, Ph. D., *Prof. Chem.*

## WISCONSIN

**College of Agriculture and the Agricultural Experiment Station of the University of Wisconsin,** *Madison 6*

*College faculty. †Station staff. ‡Extension staff.
§Leave of absence. ‖Military leave.

*E. B. Fred, Ph. D., *President of University.*
*†‡R. K. Froker, M. S., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Service.*
*V. E. Kivlin, M. S., *Assoc. Dean Coll. of Agr.*
†Noble Clark, M. S., *Assoc. Dir. of Sta.*
†R. J. Muckenhirn, Ph. D., *Asst. Dir. of Sta.*
‡W. W. Clark, M. S., *Assoc. Dir. of Agr. Ext. Service.*
‡A. M. Mucks, B. S., *Asst. Dir. of Agr. Ext. Service.*
*J. F. Wilkinson, B. S., *Dir. of Farm Short Course.*
*†‡A. J. Haas, *Exec. Secy. and Financial Officer.*

**Agronomy:**

*†‡H. L. Ahlgren, Ph. D., *Prof. and Chair. of Dept.*
*†R. H. Andrew, Ph. D., *Asst. Prof. Agron.*
†Z. M. Arawinko, B. S., *Instr. Agron.*
*D. C. Arny, Ph. D., *Assoc. Prof. Agron.*
‡G. M. Briggs, B. S., *Ext. Prof. Agron.*
*†K. P. Buchholtz, Ph. D., *Assoc. Prof. Agron.*
‡F. V. Burcalow, M. S., *Ext. Prof. Agron.*
†J. R. Davis, B. S., *Instr. Agron.*
*†‡L. F. Graber, Ph. D., *Prof. Agron.*
†D. J. Hagedorn, Ph. D., *Asst. Prof. Agron.*

**Agronomy**—Continued

*‡E. D. Holden, M. S., *Assoc. Prof. Agron.*
†Reuben James, B. S., *Asst. Prof. Agron.*
*†J. T. Medler, Ph. D., *Assoc. Prof. Agron.*
*†N. P. Neal, Ph. D., *Prof. Agron.*
*†H. L. Shands, Ph. D., *Prof. Agron.*
†R. G. Shands, Ph. D., *Prof. Agron. (Coop. U. S. D. A.).*
*†D. C. Smith, Ph. D., *Prof. Agron.*
*†D. W. Smith, Ph. D., *Assoc. Prof. Agron.*
†W. K. Smith, Ph. D., *Assoc. Prof. Agron. (Coop. U. S. D. A.).*

**Agronomy**—Continued

†A. M. Strommen, M. S., *Prof. Agron.* (*P. O., Spooner*).
*†J. M. Sund, M. S., *Instr. Agron.*
*†J. H. Torrie, Ph. D., *Prof. Agron.*
†W. L. Vandervest, M. S., *Asst. Prof. Agron.*
*‡A. H. Wright, M. S., *Prof. Agron.*

**Animal Husbandry:**

*†‡Gustav Bohstedt, Ph. D., *Prof. and Chair. of Dept.*
*†R. W. Bray, Ph. D., *Assoc. Prof. An. Husb.*
*†R. H. Grummer, Ph. D., *Assoc. Prof. An. Husb.*
*†B. D. Haasl, B. S., *Instr. An. Husb.*
*†E. R. Hauser, Ph. D., *Asst. Prof. An. Husb.*
*†E. H. Hoch, B. S., *Instr. An. Husb.*
‡J. J. Lacey, B. S., *Ext. Prof. An. Husb.*
*†Thomas McKenzie, *Instr. An. Husb.*
*†A. L. Pope, Ph. D., *Assoc. Prof. An. Husb.*
‡D. H. Williams, B. S., *Assoc. Prof. An. Husb.*

**Bacteriology:**

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*†O. N. Allen, Ph. D., *Prof. Bact.*
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*†N. N. Allen, Ph. D., *Prof. Dairy Husb.*
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‡A. O. Collentine, B. S., *Ext. Asst. Prof. Dairy Husb.*
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‡J. W. Crowley, M. S., *Asst. Prof. Dairy Husb.*
†O. T. Fosgate, B. S., *Instr. An. Husb.* (*Coop. U. S. D. A.*).

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†D. M. Irvine, M. S., *Instr. Dairy.*
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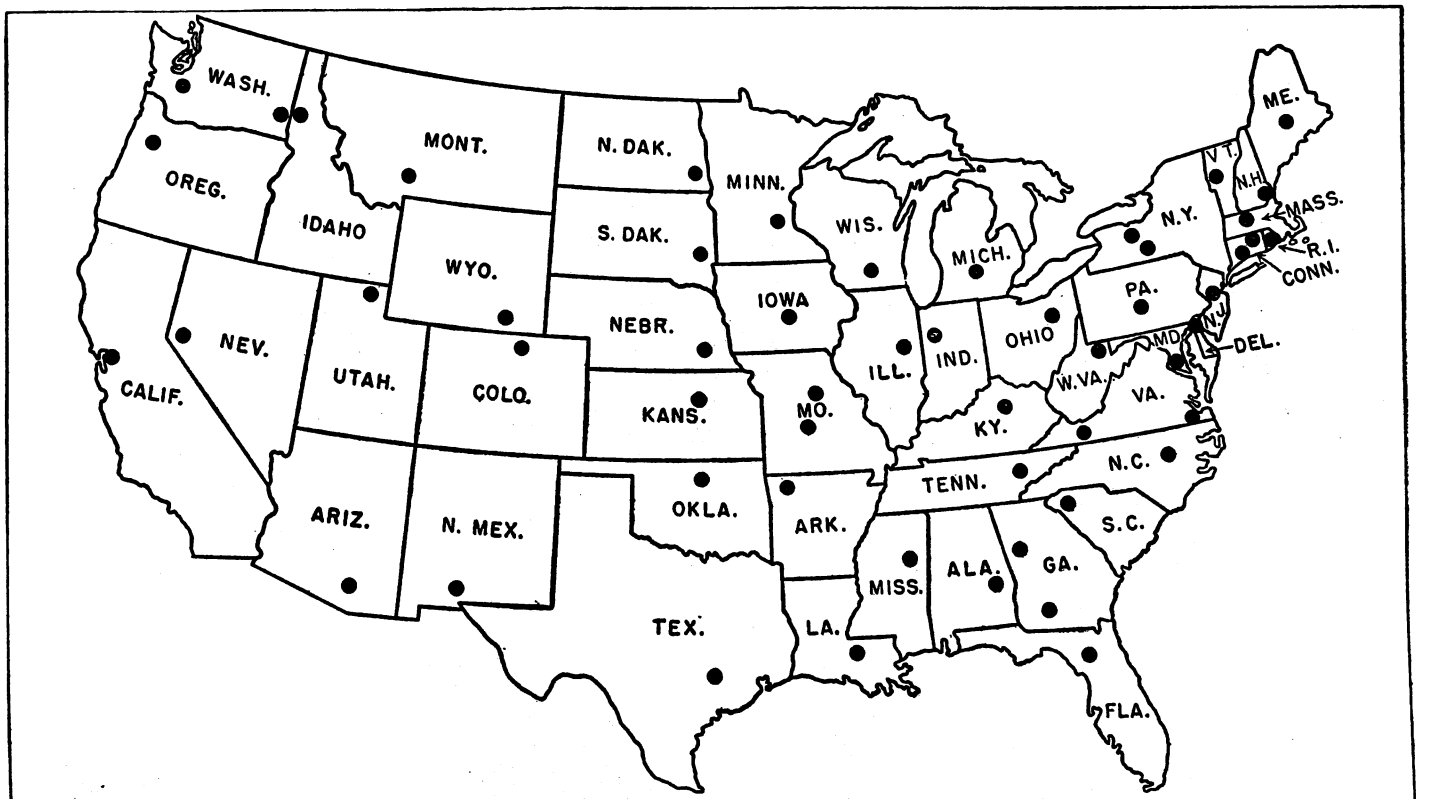


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