

Current Notes

Conducted by the Associate Editor

Mr. S. Marcovitch has accepted a position with the Tennessee State Board of Entomology as research assistant.

Mr. George G. Becker has been appointed chief inspector of the Arkansas State Plant Board, vice J. Lee Hewitt, resigned.

Mr. Thomas L. Guyton has resigned from the Bureau of Plant Industry of the Department of Agriculture of Pennsylvania.

Mr. Stanley B. Freeborn has returned from service and has been appointed assistant professor of entomology in the University of California.

Mr. F. B. Paddock has resigned as state entomologist of Texas to take effect September 15, to assume the duties of state apiarist of Iowa.

Mr. C. C. Hamilton resigned August 1 as extension entomologist of the Missouri Agricultural Extension Service to enter commercial work.

Miss M. E. Stehle, assistant professor in Zoölogy and Entomology, Clemson College, spent the summer at Woods Hole doing advanced work.

Dr. H. E. Ewing has spent the summer season in the U. S. National Museum doing systematic work on the mites for the Bureau of Entomology.

Mr. T. T. Haack, formerly deputy inspector in Wisconsin, is acting as assistant state leader in charge of barberry eradication in the same state.

A field laboratory has been established by the Ohio Station in the trucking district at Marietta, Ohio, in charge of Mr. W. V. Balduf during the summer.

Mr. W. H. Hambleton returned this month to his position as instructor in entomology and apiculture in the College of Agriculture, University of Wisconsin.

Mr. G. M. Anderson, formerly extension entomologist at Clemson College, has accepted a position as research entomologist, beginning his duties on August 1, 1919.

Mr. Edmund H. Gibson has resigned from the Bureau of Entomology to take up professional work in entomology with headquarters for the present at Alexandria, Va.

Mr. C. R. Phipps, a graduate of the Massachusetts Agricultural College, has been appointed assistant entomologist of the Agricultural Experiment Station at Geneva, N. Y.

Messrs. P. G. Plumley and J. L. Wood, Jr., have recently been added to the corps of nursery and orchard inspectors, working under the Tennessee State Board of Entomology.

Experimental apiary work has been inaugurated in the Entomological Department of the Agricultural Experiment Station, College Station, Texas, with Mr. H. B. Parks in charge.

Prof. K. C. Sullivan of the University of Missouri, Columbia, Mo., prepared an educational exhibit of economic insects for the state fair which attracted unusual attention.

Mr. Russell M. Hain has recently been appointed as an expert on insect troubles in the extension department of the Michigan Agricultural College and began his duties September 1.

Mr. B. B. Fulton, assistant entomologist of the New York (Geneva) Agricultural Experiment station, has been appointed assistant professor of entomology at the Oregon Agricultural College.

Dr. Philip Garman of the Maryland Agricultural Experiment Station has resigned to accept a position in entomological research at the Connecticut Agricultural Experiment Station, New Haven, Conn.

Mr. W. A. Thomas of the State Department of Agriculture, Raleigh, N. C., will resume investigational work with the Bureau of Entomology on truck crop insects and will be stationed at Chadbourne, N. C.

Mr. Harry L. Fackler, who has been an assistant of Prof. S. J. Hunter of Lawrence, Kan., has accepted the position of assistant entomologist for the State Board of Entomology, care University of Tennessee, Knoxville.

Mr. Thomas L. Guyton has resigned as assistant entomologist of the bureau of Plant Industry of the Pennsylvania Department of Agriculture, to complete his work for a doctor's degree at the Ohio State University.

Mr. Frank D. Garrison of Ellijay, Ga., has been secured as the industrial and commercial secretary of the Tennessee State Horticultural Society, with office located with the state entomologist, University of Tennessee, Knoxville.

The Florida legislature at its session just closed, enacted a law providing for the eradication of diseases of honey bees. The execution of the law is placed in the hands of the State Plant Board, and the appropriation is \$5,000 per annum.

Messrs. Pierce, Finn, Stear, Buckman and Benn together with some temporary assistants are engaged in scouting in the coal region of Westmoreland, Fayette, Allegheny, Washington and Green counties, Pennsylvania, for the potato wart.

Prof. R. A. Cooley, entomologist of the Montana Experiment Station and state entomologist, after having been in Massachusetts on leave of absence for the summer, has returned to Montana. During his absence Mr. J. R. Parker was in charge.

A caterpillar closely resembling the European corn borer has been found at Ravenna, Ohio. However, from the restricted numbers of the insect, it is hoped that it will turn out to be a native *Pyrausta*. Moths from the caterpillars have not yet been secured.

Mr. M. R. Smith, research assistant in entomology at the South Carolina Agricultural Experiment Station, has accepted a position with the North Carolina State Department of Agriculture as research and extension entomologist and began his duties on August 1, 1919.

Mr. C. L. Marlatt, chairman of the Federal Horticultural Board, delivered addresses before the American Association of Nurserymen at Chicago June 26, and the society of American Florists and Ornamental Horticulturists at Detroit August 21, in regard to quarantine order No. 37.

Dr. H. A. Morgan, formerly entomologist of the Agricultural Experiment Station, and professor of entomology in the University, and more recently director of the Station and dean of the College of Agriculture, has recently been elected president of the University of Tennessee.

Mr. H. E. Woodworth, recently appointed horticultural commissioner of San Mateo County, California, is directing a campaign, now nearly finished, against the horse bean weevil, involving the fumigation of the entire crop of horse beans, amounting to about 3,000,000 pounds.

Mr. G. A. Coleman has returned from a summer school in beekeeping which he conducted at Sur, Monterey County, California. He obtained additional moving picture films representing beekeeping operations and expects ultimately to have a very exhaustive set of these films.

Mr. H. L. Seamans, formerly assistant state entomologist of Montana and recently released from military service, will substitute for Mr. M. H. Spaulding, assistant professor of zoölogy, in the Montana State College of Agriculture and Mechanic Arts during the coming college year.

Mr. N. F. Howard, formerly of the Bureau of Entomology, stationed at Madison, Wis., who has been serving in the Sanitary Corps in France for about a year, returned the first of August and has accepted a position in the Efficiency Department of the Goodrich Rubber Company, Akron, Ohio.

Prof. Leonard Haseman of the University of Missouri, Columbia, Mo., spent the month of August at Ithaca, N. Y., and made a hurried auto trip through a part of the European corn borer, and gipsy and brown-tail moth infested areas of New York, Massachusetts, Rhode Island and Connecticut.

A feature of the past year's work at Clemson College is the activity in extension work for the development of beekeeping. Mr. E. S. Prevost is in charge of this, and a great amount of work was done throughout the state in transferring, requeening and preparations of bees for outdoor wintering.

Mr. L. J. Hogg, formerly assistant in cereal and forage crop insect investigations, Bureau of Entomology, and attached to the laboratory at Tempe, Ariz., died suddenly July 8 of acute peritonitis. At the time of his death, Mr. Hogg was acting as agricultural specialist for a large copper concern in Arizona.

Mr. E. R. De Ong has just completed a survey of the well waters, about 500 wells in the Santa Clara Valley, to determine their hardness for the purpose of prescribing appropriate formulæ for oil emulsions. Great variations were found which accounts for the complaints of the users of this insecticide in that locality.

Mr. Ralph Oertli, Mr. Bernard Iverson and Mr. Jacob Bulger have been appointed assistants in the Entomology Department of the South Dakota State College. Mr. Oertli will assist in the State Experiment Station work, while Messrs. Iverson and Bulger will be connected with the office of the state entomologist.

Capt. R. D. Whitmarsh has resigned his position at the Ohio Station and accepted work with the Corona Chemical Co., Milwaukee, Wis. He will develop a scientific department for the company dealing with entomology and plant pathology. He will also have charge of considerable work, more or less of a commercial character.

Dr. W. Dwight Pierce, who has been connected with the Bureau of Entomology for fifteen years, has severed his connections with the Department and will open up a general entomological consulting and commercial practise with headquarters, probably at Boise, Idaho. His temporary address is 1545 South 19th St., Lincoln, Neb.

Mr. E. O. Essig, who served as farm advisor for Ventura County, California, during the war period and has just held the position of manager of the selling agency for the Lima Bean Growers' Association in which capacity he sold over 250 carloads of beans, has now returned to his professorship in entomology at the University of California.

The following entomologists attended the hearing "On Account of the Flag Smut and Take-All Diseases of Grains and the Wheat Nematode or Eelworm Disease," before the Federal Horticultural Board of Washington, D. C., on July 15: W. J. Schoene, Virginia; Frank N. Wallace, Indiana; A. C. Lewis, Georgia; P. A. Glenn, Illinois.

Dr. William Colcord Woods was granted leave of absence by Wesleyan University for the period of the war. When he returned from France in April he went as member of the summer staff in entomology to the Maine Agricultural Experiment Station at Orono. September 1 he returned to Wesleyan University as assistant professor of biology.

Mr. W. J. Price, who has been connected with the office of the state entomologist in Virginia since 1902, and who for the past eighteen months has been connected with the increased production work in that state for the Bureau of Entomology, has accepted a position in the Department of Agricultural Education, and will be located at Woodstock, Va.

Mr. M. B. Dunn, temporary assistant at the Dominion Entomological Laboratory at Fredericton, N. B., has been appointed an entomological assistant in the Division of Forest Insects of the Entomological Branch, Ottawa, and under the direction of Dr. J. M. Swaine he will be assigned to sample plot investigations in the forests of Quebec and Ontario.

Mr. S. B. Freeborn, since his return from the Army, has been investigating the malaria situation in the northern Sacramento Valley, and is at present directing a campaign in the neighborhood of Anderson to which the State Board of Health has contributed \$10,000 in addition to the sum raised by the Mosquito Abatement District organized there.

On August 13, there was held at the State College of Washington, a joint meeting of the horticulturists and entomologists of the northwestern states. The day following, a continuation of this meeting was held at the University of Idaho at Moscow. A year ago, a similar meeting was called at the Oregon Agricultural College which was very successfully attended.

Mr. H. K. Harley of the state entomologist's office, Madison, Wis., spent the week of August 18 to 23 in the neighborhood of Boston, Mass., studying the European corn borer. Mr. Harley is making a survey of Wisconsin, and especially of those areas into which New England seed corn was imported in 1918, to determine if possible whether the corn borer was imported into the state at that time.

A new project dealing with the wire worms affecting wheat has been inaugurated by the Washington Experiment Station in coöperation with the Bureau of Entomology. Frank W. Carlson has been appointed station investigator with headquarters at the Dry-Land Experiment Station at Lind, and F. R. Cole has been delegated by the Bureau of Entomology as collaborator on this work.

The following resignations from the Bureau of Entomology are reported: Geo. A. Hummer, to resume commercial beekeeping; E. W. Scott, in charge of insecticide laboratory, Vienna, Va., to become manager of a newly-formed company, with headquarters at Rockville, Md.; M. D. Leonard, extension entomologist, truck crop insects, New York State, to accept a position at Cornell University Agricultural Experiment Station.

Prof. George B. Neumann recently returned from service in France has been appointed assistant in entomology at the Purdue University Experiment Station,

LaFayette, Ind. Mr. Neumann graduated from the University of Maine in 1914 and received his masters degree at Cornell University in 1915. He was connected with the Department of Entomology, State College of Pennsylvania, for three years before going into the service.

Dr. Charles H. Gage, chemist and metallurgist, and Dr. W. Dwight Pierce, entomologist, have formed the Gage-Pierce Research Laboratories. Their mail address is P. O. Box 1767, Denver, Colorado. It is expected that a number of laboratories will be constructed and a large group of commercial research scientists employed. Entomological control work will be one of the branches of work carried out by the consulting entomologists under Dr. Pierce's direction.

A five day orchard tour was conducted in Kansas, September 1 to 5, by E. G. Kelly, extension specialist, Kansas State Agricultural College, with the following county agents cooperating: W. A. Wunsch, E. J. Macy, W. A. Boys, F. J. Robbins, E. H. Ptacek, H. S. Wilson, J. V. Quigley, I. N. Chapman, A. D. Folker, F. H. Dillenback and O. C. Hagans. The trip included some of the best orchards of the state and not only orchardists, but men in other lines of business were invited.

Mr. S. I. Kuwana, director of the Imperial Quarantine Board of Japan is now in the United States, and inspected the work of the Department of Entomology of the Kansas State Agricultural College September 10. The next day Prof. George A. Dean accompanied Mr. Kuwana to Kansas City, where he was given an opportunity to inspect some of the large flour mills and grain elevators, and to study American methods of handling flour and grain to prevent and control insect injury.

The teaching section of the Entomological Department, Clemson College, S. C., is being considerably strengthened with equipment both in the Zoological Laboratory and class room and in the Laboratory of Economic Entomology. The latter work consists principally of the installation of spraying and dusting machinery, temperature moisture control apparatus, fumigation and cold storage and is arranged so as to teach the fundamental principles and not the practice. The course in practical work follows the same line as heretofore.

At the last session of the Washington state legislature, a bill was passed providing for inspection of bees and for educational propaganda regarding beekeeping. The work was assigned to the entomologist of the State College with authority to appoint instructors. Mr. H. A. Scullen, at present extension entomologist on apiculture for the northwestern states, has been designated part-time inspector with headquarters at Pullman. Mr. Scullen will divide his time between extension work, inspection, and instructional work at the State College.

During the season 1918, the Washington Experiment Station in collaboration with the Bureau of Entomology carried on a study of cranberry insects with headquarters at Seaview, Wash. Mr. H. K. Plank was assigned to this work by the Bureau of Entomology and A. Spuler and Miss Orilla E. Miner carried on the work on behalf of the Washington Experiment Station. This year the same project has been continued, the Experiment Station furnishing Miss Flora A. Friese. As evidence of the close cooperation, Mr. Plank and Miss Friese were married June 21.

The following transfers have been made in the Bureau of Entomology: H. A. Scullen, special field agent for Washington, Oregon and Northern Idaho to cooperative work in bee culture with the state of Washington; H. D. Young, California citrus-fruit insect investigations to the Insecticide and Fungicide Board; W. S. Fields, Bureau of Plant Industry to Federal Horticultural Board; R. W. Kelley, experimental field work to take charge of Insecticide and Fungicide Laboratory at Vienna, Va.; E. V. Walter, extension work in Iowa to investigational work at Tempe, Ariz.

Mr. Leonard S. McLaine, M.Sc., of the Canadian Entomological Branch, has been transferred from the Dominion Entomological Laboratory, Fredericton, N. B., to Ottawa, and has been appointed chief of the Division of Plant Inspection and executive assistant to the Dominion entomologist. As chief of the Division of Plant Inspection, Mr. McLaine will have immediate charge of the work of inspection and fumigating imported nursery stock, and of the field work against the brown-tail moth in Eastern Canada, and such other duties as the enforcement of the insects and pests regulations under the Destructive Insect and Pest Act may involve.

At the convention of Southern Nurserymen, held at Atlanta on August 20-21, a committee consisting of Messrs. E. W. Chattin of Winchester, Tenn., Charles Smith, Augusta, Ga., Henry Chase, Chase, Ala., and Professors George C. Starcher, Auburn, Ala., A. C. Lewis, Atlanta, Ga., and G. M. Bentley, Knoxville, Tenn., was appointed by the association to frame rules and regulations pertaining to the uniform inspection laws of nurseries. This committee held a very important meeting and framed the rules and will meet with the federal horticultural inspectors at their annual meeting in December. It is to be hoped that a uniformity of inspection laws may be perfected at that time.

Dr. W. Dwight Pierce has edited and revised the series of lectures on the entomology of disease, hygiene and sanitation and has added several new chapters to form a volume entitled "Sanitary Entomology," which will be published by Richard G. Badger of Boston. The proceeds of the royalties will be given to the Washington Entomological Society. Advance orders for the volume which will sell at \$10 are desired in order to cover a guarantee made to the publishers. These are lectures by ten specialists, and the work represents the very latest official information on the subject. Doctors and sanitarians will be as much interested in this volume as entomologists and zoölogists.

New appointments have been made in the Bureau of Entomology as follows: George H. Rea, apicultural extension New York state; Emory G. Shanks, temporary laboratory helper, tropical and subtropical fruit insect investigations; John H. Harmon, Thomas F. Murphy, Roger J. Chambers, H. E. Partridge, Arnold F. Leamy, Earl D. Lathrop, European corn borer investigations; Lee Roy Willbank, George Lee Lott, H. C. Young, B. F. Ware, G. A. Hammett, James Benford Pope, George W. Alexander, Lloyd W. Brannon, Clarence H. Brannon, James P. H. Clayton, Amos L. Williamson, George S. Fricke, Ben Matt Davenport, temporarily to boll weevil laboratory; Ernest L. Chambers, green house insects.

A coöperative agreement has been perfected between the Wisconsin State Department of Agriculture, the Agricultural Extension Service of Wisconsin, and the U. S. Bureau of Entomology, whereby Mr. H. L. McMurry is to become extension field agent and apiary inspector in that state. The educational and extension work will be conducted by Mr. McMurry under the direction of Prof. H. F. Wilson, entomologist of the Experiment Station; and the apiary inspection, as well as the educational work concerning the control of bee diseases, under the direction of Dr. S. B. Fracker, acting state entomologist. The last legislature passed a new apiary inspection law, placing its administration in the hands of the state entomologist, and requiring, in addition to the usual provisions of such laws, that permits be secured from the state entomologist for the sale or transportation of any bees or used apiary appliances.

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