Current Notes

Conducted by the Associate Editor

Mr. S. B. Doten is secretary of the Nevada State Committee on Food Resources.

Mr. A. O. Larson, B. S., has been appointed assistant entomologist at the Utah Station.

Mr. W. A. Keleher, for many years a valued employee of the Bureau of Entomology, died early in August.

Mr. Frank H. Lathrop has been appointed research assistant in entomology at the Oregon College and Station.

Mr. H. R. Hagan has been appointed assistant professor of zoölogy and entomology at the Utah College and Station.

Mr. F. M. Wadley, Bureau of Entomology, will be in charge of the Field Station at Wichita, Kans., vice F. B. Milliken.

Dr. J. Chester Bradley of Cornell University will spend next year as assistant professor of entomology at the University of California.

Mr. A. P. Sturtevant, Bureau of Entomology, recently made a trip in New Jersey and Massachusetts studying European foulbrood conditions.

Mr. H. L. Weatherby, Bureau of Entomology, will be in temporary charge of the station at Rocky Ford, Colo., formerly in charge of Mr. Marsh.

Dr. E. F. Phillips, Bureau of Entomology, went to Denver, Colo., the last of July to attend a meeting of beekeepers of Colorado and adjacent states.

Mr. August Busck, Bureau of Entomology, left Washington on August 20 for an extended trip through northern Mexico, to study the pink bollworm.

Professor H. A. Morgan, director of the Agricultural Experiment Station, Knoxville, Tenn., has recently been appointed Federal food administrator for the State of Tennessee.

Mr. H. E. Shaw, formerly Chief of the Bureau of Horticulture, Ohio State Department of Agriculture, has recently been appointed Secretary of Agriculture for the State of Ohio.

Mr. J. S. Houser, Associate Entomologist of the Ohio Station, served for two or three months as District Food Commissioner of two Ohio counties, returning to his work at the Station July 1.

Mr. Morley Pettit, of the Ontario Agricultural College, Guelph, has resigned as Provincial Apiarist, and after November 1, 1917, will devote his attention to The Pettit Apiaries, with headquarters at Georgetown, Ont.

Mr. George F. Mozzette, assistant in entomology at the Oregon College and Station, has resigned to accept a position as entomological inspector of the Federal Horticultural Board and assigned to duty at Washington, D. C.

Dr. D. W. Pierce, Bureau of Entomology, made a general trip in July through the South, visiting the laboratories at Madison, Fl., Mound, La., Clarksville, Tenn., Dallas, Texas, Uvalde, Texas, and El Centro, Calif.

Mr. F. E. Brooks, Bureau of Entomology, in charge of the laboratory at French Creek, W. Va., visited Michigan and Wisconsin during the latter part of June in connection with his studies of apple-tree and other borers.

Mr. D. M. Rogers, in charge of gipsy moth quarantine and inspection work, Bureau of Entomology, has moved his office from No. 43 Tremont Street, Boston, Mass., to the Boston Custom House, effective September 1, 1917.

Messrs. T. L. Guyton, J. R. Stear and P. R. Lowry, all entomological students from the Ohio State University, were employed during the summer months by the entomological department of the Ohio Station at Wooster.

Mr. G. S. DeMuth, Bureau of Entomology, went to Blacksburg, Va., August 16 to attend a meeting of beekeepers held at that place during Farmers' Week. At this meeting the Virginia State Beekeepers' Association was organized.

During July and August Mr. V. L. Wildermuth, Bureau of Entomology, made an extended insect survey through the northern part of Arizona, being accompanied, for a portion of the time, by Dr. O. C. Bartlett, Assistant State Entomologist.

A bill will probably be considered by the Texas legislature now in special session providing for the establishment of a cotton-free zone to include the counties bordering on Mexico, such zone to be administered in coöperation with the Federal Horticultural Board.

Mr. Kenneth Hawkins, Bureau of Entomology, left Washington July 9 to attend state meetings of county agents in Oklahoma, Texas and other Southern States, and spent the latter part of August in Virginia, holding local meetings of beekeepers in coöperation with county agents.

Dr. D. W. Pierce, Bureau of Entomology, finds several species of European origin among our *Gymnetron* and *Miarus* and therefore desires to receive for study material from all parts of the country. *Gymnetron* breeds in the flowers of *Verbascum* and *Linaria*, and *Miarus* breeds in the flowers of *Lobelia*.

Recent visitors to the Bureau of Entomology include Professor K. W. Dammermann, Java; Professor H. Garman, Lexington, Ky.; Professors E. R. Scholl, F. B. Paddock, S. W. Bilsing, entomologists, and Mr. E. L. Ayers, Chief Nursery Inspector, Texas; H. G. Barber, Roselle Park, N. J.; Carl J. Drake, Syracuse, N. Y.

Mr. R. D. Whitmarsh, assistant entomologist of the Ohio Station, served as military instructor at the University of Wooster during the spring months, devoting four afternoons each week to this instruction. Mr. Whitmarsh has volunteered for the Second Officers' Training Camp at Fort Benjamin Harrison at Indianapolis, Ind.

Mr. Simon Marcovitch, assistant entomologist for the past three years at the University of Minnesota, has resigned his position to accept an offer as head of the Department of Biology at the National Farm School, Bucks County, Pennsylvania. Mr. Marcovitch expected to leave September 14 to take up his new duties in the East.

The following resignations from the Bureau of Entomology have been announced: Miss Myrtle Duckett, Bee Culture; B. L. Royden, Truck Crop Insect Investigations;

Pauline Margaret Johnson, Truck Crop Insect Investigations; F. H. Gates, Cereal and Forage Insect Investigations; H. L. Parker, Cereal and Forage Insect Investigations.

Dr. William M. Wheeler, of Harvard University, Dr. J. Chester Bradley of Cornell University, and Dr. C. L. Bequaert of the American Museum of Natural History, New York City, spent about a week in the vicinity of Tempe, Arizona, collecting insect material and were frequent visitors at the field laboratory maintained there by the Bureau of Entomology.

Mr. T. E. Snyder, Bureau of Entomology, returned to Washington on July 31 from a trip through the Southern, southwestern Pacific Coast and Rocky Mountain States. On this trip insects injurious to forest products were investigated. Special effort was made to collect termites and data on the biology and geographical distribution of our native species. Mr. Snyder left Washington on March 16.

During June and the early part of July, Dr. E. A. Back, Bureau of Entomology, made an extended trip through the Middle West and the South to familiarize himself with the methods of storing grain and with insects affecting warehouses, grain elevators and flour mills. The establishments of many large concerns were visited in Chicago, Minneapolis, Kansas City, Wichita, Galveston, New Orleans, and elsewhere.

Dr. C. H. T. Townsend, Bureau of Entomology, is on an extended trip in the southwest to determine the exact range of the *Thurberia* plant and the weevil which feeds upon it. Special attention will be paid to the possible occurrence of the plant and weevil in regions in which cotton is now planted or in which it may be planted some time in the future. Dr. Townsend started from Las Cruces in New Mexico early in July with a pack train and will explore the country as far as Globe, Ariz., before the end of the season.

F. C. Bishopp and E. W. Laake, Bureau of Entomology, have completed a general trip of inspection to the larger meat packing establishments in the United States. This work is in cooperation with the Bureau of Animal Industry and has relation to the control of the house-fly and other insects in establishments operating under federal supervision. Later Mr. Bishopp made a trip to the Pacific Northwest, returning to Dallas via Topaz, California, where Mr. Webb is engaged in the study of insects affecting the health of animals.

An insect menace of considerable interest to citrus growers, particularly those of Florida, is the spiny citrus "white fly," *Aleurocanthus woglumi*. This insect, probably originating in India, has obtained a strong foothold in Cuba during the last few years, and may easily reach Florida by means of fruits or plants imported from Cuba. Harold Morrison, who is now in Cuba, is making a thorough investigation of this insect in Cuba and adjacent islands to provide adequate information for necessary quarantine or regulatory action.

The following employees of the Bureau of Entomology and the Federal Horticultural Board are variously designated for the military and naval service of the government: John Monteith, Jr., H. L. Parker, G. D. Pylant, T. S. Wilson, P. B. Miles, B. R. Leech, F. P. Keen, A. C. Mason, R. L. Daily, T. R. Chamberlain, D. J. Caffrey, H. K. Laramore, J. J. Culver, G. N. Wolcott, G. W. Martin, Harry D. Whitlock, L. J. Hogg, Manuel Garcia, L. P. Rockwood, Frank R. Cole, E. J. Newcomer, J. C. Evendon, W. E. Dove, H. B. Greaves, C. F. Cork and R. H. Bush.

According to the *Experiment Station Record*, the staff of the Department of Entomology at the Kansas College and Station and Federal entomologists are being organized to control the Hessian fly in counties where it promises to injure the wheat crop in 1918. The early and thorough plowing under of wheat stubble, elimination of volunteer wheat in fields later, and planting after the fly-free date are the recommendations being made. These practices, however, are advisable in order to obtain maximum yields, regardless of Hessian fly infestation.

Mr. Harold Morrison, Bureau of Entomology, who recently made a trip of exploration to the Virgin Islands and the West Indies, has completed his work in the Virgin Islands and Porto Rico and is probably now in Santo Domingo. Some very interesting communications have been received from him in relation to this work and good deal of valuable material. Valuable material is also being received from the collaborators appointed in Central and South American countries in connection with the study of the fruit-flies and other insect pests of such countries.

Mr. Jacob Kotinsky, Bureau of Entomology, spent June 27 in Philadelphia where, with the assistance of F. M. Trimble of the Pennsylvania State Zoological Service and the Federal Horticultural Board, elm-leaf beetle, *Galerucella luteola* Mull., eggs were located and a colony of parasites received by Dr. Howard from M. F. Picard of the École Nationale d'Agriculture, Montpellier, France, was released. Small colonies of this parasite were also released in Ithaca, N. Y., by Professor Robert Matheson and by Mr. Kotinsky in Washington, D. C. No prediction as to results can be made as yet.

Mr. H. F. Dietz, Bureau of Entomology, is now in New York investigating the fumigation of orchids. The experimental work conducted by Messrs. Sasscer and Dietz with orchids has demonstrated that orchids can be safely fumigated with one ounce of sodium cyanid in a 20-inch vacuum at an exposure of 40 minutes without injury, provided reasonably healthy plants are used; in fact, with healthy plants as strong a dose as four ounces of cyanid has been used under the same conditions without killing the plants. A month after treatment the plants so treated are making new growth, both roots and buds.

C. W. Howard, Associate Professor of Entomology and Parasitology, University of Minnesota, has accepted the position of Professor of Biology in Canton Christian College, Canton, China. Professor Howard will sail from San Francisco the middle of October, visiting the Hawaiian Islands, Manila and Japan enroute. Canton Christian College is the only institution of collegiate rank in South China. The rapid growth of the agricultural and medical departments has made necessary the organization of a department of biology. All communications should be addressed to Canton Christian College, Honglok, Canton, China.

The following transfers in the Bureau of Entomology have recently been announced: W. T. Emery, Charlottesville, Va., to Wellington, Kans.; G. A. Runner to Sandusky, Ohio; J. S. Wade, Wellington, Kans., to Washington, D. C.; Dwight Isely, North East, Pa., to Bentonville, Ark.; J. J. Culver, Fort Valley, Ga., to Monticello, Fla.; A. I. Fabis, Monticello, Fla., to Brownwood, Tex.; D. J. Caffrey, Tempe, Ariz., to Hagerstown, Md., in charge of the laboratory; J. A. Hyslop, formerly in charge of the Hagerstown, Md., field laboratory, to Bureau Extension work; G. W. Barber, Wellington, Kans., to Hagerstown, Md.; H. O. Marsh, Rocky Ford, Colo., to New Jersey (temporarily); F. B. Milliken and A. B. Duckett, formerly truck crop insect investigations, to stored product insect investigations.

An estimate has been prepared for the Urgent Deficiency Bill of this session, calling for an appropriation of \$500,000 to still further safeguard the United States from the pink bollworm. A conference was held on July 17 on this work, participated in by representatives appointed by the Governor of Texas, namely, the Commissioner of Agriculture and Messrs. Ayers and Scholl, and by Mr. Paddock, representing the experiment station, and Mr. Ousley, temporarily acting as Assistant to the Secretary of Agriculture, representing the state at large and particularly the State Extension Service. There was also present a committee of planters, representing the Lower Rio Grande Valley. The work proposed under the appropriation requested is the establishment of a cotton-free zone in Texas along the Mexican border, the survey and stamping out of local points of infestation in Mexico near the Texas border, and general surveys of the infested district in the Laguna and elsewhere in Mexico to be the basis of determining the advisability of undertaking exterminative work against the pink bollworm in Mexico generally.

The following appointments to the Bureau of Entomology have been made recently: Robert B. McKeown, a graduate of the Colorado Agricultural College assigned to deciduous fruit insect investigations to be located in Texas; Warren D. Whitcomb, a graduate of the Massachusetts Agricultural College, deciduous fruit insect investigations, Northern States; William O. Ellis, Syracuse University, deciduous fruit insect investigations, Riverton, N. J.; Chester I. Bliss, field assistant, deciduous fruit insect investigations, Sandusky, Ohio; F. S. Chamberlin, southern field crop insect investigations, Quincy, Fla.; G. D. Pylant, southern field crop insect investigations, Madison, Fla.; George E. Quinter, southern field crop insect investigations, Clarksville, Tenn.; J. W. Bailey, cereal and forage insect investigations, Tempe, Ariz.; P. H. Hertzog, cereal and forage insect investigations, Carlisle, Pa.; Frederick W. Poos, cereal and forage insect investigations, Charlottesville, Va.; W. C. Cartwright, cereal and forage insect investigations, Knoxville, Tenn.; H. L. Dozier, a graduate of the University of South Carolina, cereal and forage insect investigations, Tempe, Ariz.; H. R. Shoemaker, truck crop insect investigations, Arlington, Va.

Zoölogical Record: a correction. In the May 1917 *Monthly Letter* of the Bureau of Entomology a note appeared saying the *Zoölogical Record*, London, had temporarily suspended publication. This word was received by the Smithsonian Institution through its London agents. We are glad to learn now through a letter to Dr. Howard, under date of May 21, from Mr. P. Chalmers Mitchell, Secretary of the Zoölogical Society of London, that this is a mistake. The 1915 volume of the *Record* will appear soon and the 1916 volume is in preparation. The Society has no intention of letting the *Record* be suspended.

MABEL COLCORD,
Librarian, Bureau of Entomology.