STUDIES ON ENTOMOGENOUS FUNGI

During the month of December the writer spent his vacation in Harvard University in the Department of Cryptogamic Botany studying the forms of entomogenous fungi collected in Florida the past year, with special attention to those which are parasitic on insects of ctirus. No study was made of the sooty mould fungus which occurs abundantly in different stages.

The fungi studied in this collection covered most of the species described from Florida. There was one exception however and this is an interesting fungus occurring sparsely under several different serial numbers in the writer's collection. It is a *Coniothyrium*-like growth. This fungus has good typical Coniothyrium spores, but the pycnidial walls are quite thick and almost carbonaceous. According to literature and authorities consulted it seems to be of rare occurrence, and it is thought probable that it may be a conidial stage of some well-known fungus, but thus far no connection has been traced with the forms commonly met on citrus. This form may be recognized by having small round dark spots, surrounded by, and occasionally filled with, spherical, somewhat pointed bodies, the pycnidia.

Another interesting note made in the course of the writer's taxonomic studies of his collection of *Microcera coccophilia* (Desm.) was that all specimens examined showed spores somewhat smaller than is general for this species. However they came within the measurements.—A. H. Beyer.

PERSONALS

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vestigation of the effects of sulphur on the root knot nematode. He is also pursuing graduate work in the University and has undertaken the preparation of an annotated list of the Heteroptera of the Gainesville region. He is a graduate of Mississippi A. and M. College.

Mr. Fritz Fuchs has resigned from the State Plant Board to take charge of the grove of Mr. Frederick at Fruitland Park.

Mr. T. J. Iles of Crescent City reports that he finds lime-sulphur at rust mite strength, 1:70, applied at a pressure of 275 pounds, a very efficient control measure for mealy bugs. During the past three years he has sprayed 6,000, 93,000 and 45,000 trees respectively.

Mr. A. C. Mason has been transferred to Lindsay, Cal., to work on the California Citrus Thrips.