

autumn of 1936.

ORTHOPTERA—*Aulocara elliotti* Thomas.—This economic species “has eastern limits of Center and Hazelton, N. D., Turtle Mountains, Man., and Lethbridge, Alta.” (1936, Tech. Bull. 284, N. Dak, Agric. Exp. Sta.)” In 1936 it was common at Lyleton, Man. and a single male was taken at Arnaud on Aug. 3, by H. W. Moore.

Metator pardalinus (Saussure).—Hebard states “Max, the Killdeer Mountains and Williston, N. D., and Luverne, Minn., are northern limits; the latter and Dickinson and Plymouth Counties, Iowa, being eastern limits for this handsome species of the Great Plains, which until the recent receipt of specimens from Minnesota and Iowa, was not known to occur nearly so far east.” In 1936 it was taken for the first time in Manitoba and occurred commonly along the whole southern portion of the province as far north as Brandon and east to Carlowrie.

LEPIDOPTERA—The Pyralid, *Homocosoma electellum* (Hlst.) is a pest of sunflowers in Iowa and Minnesota. In 1935 it was first found in Manitoba, near Morder, by Mr. R. H. Painter where it was causing extensive damage. A report also came in from near Brandon. The insect was generally distributed over southern Manitoba in 1936 and not only attacked sunflowers but garden composites, cosmos and zinnias, as well.

The corn ear worm, *Heliothis obsoleta* Fab., has been recorded in Manitoba a number of times but in 1934 an unusually large number migrated into the province and caused considerable damage north to Brandon.

The painted lady butterfly, *Vanessa cardui* L., occurred in large numbers in 1935 and did considerable damage to hollyhocks.

SIPHONAPTERA—The human flea, *Pulex irritans* L., was found to be heavily infesting coyotes near Brandon in the fall of 1936. According to Mr. C. R. Twinn, this is the first record of this insect from Manitoba and the first record of it attacking coyotes in the Dominion.

R. D. BIRD.

Dominion Entomological Laboratory, Brandon, Manitoba.

NEWS AND VIEWS

RECENT DEATHS

It is with considerable regret that we record the deaths of two well-known entomologists in the United States.

Dr. W. H. White, of the United States Bureau of Entomology, passed away suddenly at Moorestown, N. J., last month (April), in his 63rd year. He was buried, with military honours, in Arlington Cemetery.

Professor William Morton Wheeler, professor emeritus of Entomology at Harvard University, died suddenly, in his 72nd year, on April 19th.

Mailed Saturday, June 5th, 1937.