

## FIELD NOTES AND QUESTIONS.

(Notes on rare or otherwise interesting captures, habits of insects, etc., will be gratefully received by the editor).

*Heliomata infulata* Grote. This pretty little Geometer is usually very rare here, perhaps only half-a-dozen specimens having been observed in twenty years, but one day at the end of May 1913, while collecting in a locust thicket I noticed several specimens flying and managed to secure two. A heavy shower came up, compelling me to seek shelter, but after the rain I returned to the spot and captured 20 specimens inside two hours. A few days later I again visited the spot and was likewise disturbed by rain but this proved advantageous as the moth which generally is very shy and swift on the wing, appeared quite sluggish and easy of capture. Eighty specimens were taken in all in a space of about 7 acres. In the surrounding district of 100 acres of apparently the same conditions only a stray specimen or two could be discovered.

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*How Lepidoptera Winter.* We are not infrequently asked in what stage butterflies and moths pass the winter months? It is not an altogether satisfactory answer to say that every one of the four stages is represented, as the enquirer is sure there *must be* some rule and the others be exceptions. In Newman's "Text Book of British Butterflies and Moths" 1913, there are 117 pages devoted to a list of species, giving collecting notes in tabular form and it may be of interest to know how the British species, including the micros figure out, as doubtless in the cooler parts of North America the proportion will be about the same. Counted roughly and omitting species of doubtful occurrence, out of 68 Butterflies, 9 winter as eggs; 38 winter as larvæ; 12 winter as pupæ; 9 winter as imagoes; of 781 moths, 108 winter as eggs; 306 winter as larvæ; 330 winter as pupæ; 37 winter as imagoes; so that about 80% winter either as larvæ or pupæ, almost exactly half of each; 15% as eggs and 5% as imagoes.

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