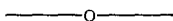


segment, the more elliptical form of the body and the fact that it does not develop red spots in alcohol, would seem to separate this form from that species. Figs. 1, 2 and 3 represent the dorsal, ventral and side view of a young specimen 1.1 mm. long, magnified forty-five times; 1 and 2 show the general form of the body, somewhat too broad, and the terminal joints of the antennæ in all the cuts have fewer sub-joints than occur in adult specimens, and the short basal or fifth joint to the antenna does not show. The figures were made for the writer from line specimens by Mr. J. H. Emeston, of Boston, Mass.

Found under boards at several places on the college campus at Orono, also in abundance in the writer's garden in potato hills, about the tubers affected by potato scab and potato rot. Sometimes nearly a dozen would be found on a single tuber in the depressions made by the scab. Associated with *Iratonia tricolor*, *Lipura ambulus*, *Lepidacyrtis metallicus*, *Tomocerus plumbeus* and an undetermined *Achorutes*. Many specimens examined during September, October and November, '91, by F. L. Harvey.



List of Hemiptera Collected in Jamaica, W. I.

By C. W. JOHNSON and WM. J. FOX.

The following Hemiptera were collected in Jamaica during April and May, 1891. Most of the species were obtained at Kingston, Morant Bay, and Port Antonio; those of common occurrence are indicated by an asterisk (*). We are indebted to the kindness of Prof. P. R. Uhler for the determination of the species, which have been placed either in the collection of the American Entomological Society, or the Wagner Free Institute of Philadelphia.

*Sephina maculata** Dallas, *Leptoglossus stigma* Herbst, *Anasa bellator* Fab., *A. scorbutica* Fab., *Aceratodes bifida** Say, *A. mediatubunda* Fab., *Nezara marginata* Bv., *Aethus nigerrimus* Dallas, *Proxys victor** Fab., *Thyanta perditor** Fab., *Catorhintha guttula* Fab., *Euchistus crenator** Fab., *Mormidea pictiventris** Stal, *Zicca taniola* Dallas, *Alydus pallescent* Stal, *Lygæus vari-color* Fab. (var.), *L. pulchellus** Fab., *L. aulicus* Fab., *L. sandarachatus** Say, *Dysdercus mimus** Say, *D. andreae** Linn., *D. sanguinarius* Stal, *Zelus rubidus** St. Farg., *Harmostes nebu-*

losus Stal, *Corizus sidae** Fab., *Megacaelum rubrinerva* Dist., *Lygus* sp., *Corimelæna minuta** Uhler, *Plagiognathus indistinctus** Uhler (MS.), *Pycnoderes insignis* Reut., *Collatia explicata** Uhler, *Salda humilis* Say (var.), *Rhogovelina collaris** Burm., *Parmera bilobata* Say, *P. parvula* Dallas, *Geocoris disparatus* Uhler (MS.), *Tettigonia herbida** Guér., *T. flaviceps* Riley, *T. robusta** Sign., *T. robusta** Sign. (var.), *T. n. sp.?*, *Agallia n. sp.?*, *Ormenis pallescens* Stal, *Dascalia acuta* Uhler (MS.), *Paroristes humilis** Uhler (MS.), *Bothriocerus* sp., *Copicerus thoracicus* Guér., *Centrotus havanensis* Guér. (var.), *Ophi-derma scutellatus** Uhler (MS.).

Notes and News.

ENTOMOLOGICAL GLEANINGS FROM ALL QUARTERS OF THE GLOBE.

[The Conductors of ENTOMOLOGICAL NEWS solicit, and will thankfully receive items of news, likely to interest its readers, from any source. The author's name will be given in each case for the information of cataloguers and bibliographers.]

To Contributors.—All contributions will be considered and passed upon at our earliest convenience, and as far as may be, will be published according to date of reception. ENTOMOLOGICAL NEWS has reached a circulation, both in numbers and circumference, as to make it necessary to put "copy" into the hands of the printer, for each number, three weeks before date of issue. This should be remembered in sending special or important matter for certain issue. Owing to low subscription rate, "extras" will be charged for, and when they are wanted, it should be so stated on the MS. along with the number desired. The receipt of all papers will be acknowledged.—Ed.

Mr. JAMES ANGUS, of West Farms, New York City, has presented his fine collection of insects to the American Museum of Natural History.

TRANSACTIONS of American Entomological Society.—Of volume xix (1892) twenty-four pages have been printed, containing "Studies in Chrysomelidæ," by Dr. G. H. Horn, and the first pages of "A Study of Amara, s. g. Celia," also by Dr. Horn. This volume promises to be an unusually good one, and we propose to notice the progress made from month to month.

CARABUS NEMORALIS Müll.—In the Trans. Am. Ent. Soc. 1875, p. 126, I made mention of having seen a specimen of *C. hortensis* Fab. (= *nemoralis* Müll.) in the cabinet of Mr. A. Murray, of London, with the label Hudson's Bay. Being unwilling on the evidence of one not very well authenticated specimen to admit the species to our lists, no other record than that above recorded has been made. In December last I received