

SOME RECENT CONTRIBUTIONS TO HEMIPTEROLOGY.

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For the noteworthy papers on Hemiptera to which these notes apply, I am indebted to the courtesy of the authors. They comprise "Remarques sur quelques Hemipteres de l'Amerique du Nord,"¹ another of Dr. G. Horváth's valuable contributions to a proper knowledge of our fauna; "Tableau Synoptique des Ambrysus et Descriptions d'Espèces nouvelles,"² by Prof. A. L. Montandon; "The Genus *Corizus*, with a Review of the North and Middle American species," by Prof. J. C. Hambleton; "Biological Notes on Oriental Hemiptera,"³ by J. C. Kershaw and G. W. Kirkaldy; and last, but emphatically not least, "Some Remarks on the Phylogeny of the Hemiptera Heteroptera,"^{4, 5} by G. W. Kirkaldy.

Dr. Horváth in his article confirms many doubts I have had as to the identity of American with European species of Hemiptera. His studies have resulted in the description as new of a number of species hitherto known to us in America by the names of their European congeners, and in the classification of a number of synonymies in other forms. His deductions are, of course, supported by tenable arguments, and strengthened by his great experience and familiarity with the Palearctic fauna. His results are summarized below:

Corizus crassicornis, Linné.

= *novaboracensis*, Sign.

Corizus viridicatus, Uhler, is a good species, and not a synonym of *C. hyalinus*, Fabricius.

Corizus sidae, Fabricius.

= *Rhopalus pictipes*, Stål.

Nysius thymi, Wolff.

= *Saint-Cyri*, Provancher.

= *groenlandicus*, Provancher.

Nysius ericae, Schilling.

= *angustatus*, Uhler.

1. 1908, Ann. Mus. Nat. Hung., VI, pp. 555-69.

2. 1909, Bull. Soc. Scie. Buc., XVII, Nos. 5 and 6, pp. 316-30.

3. 1908, Journ. Bombay Nat. Hist. Soc., XVIII, No. 3, pp. 596-98a, text figs. 1-3 and one plate.

4. 1908, CAN. ENT., XL, pp. 357-64.

5. Ann. Ent. Soc. Am., I, pp. 133-52.