

In this paper *Gnathias cuneatus* and *ovatus* and *Xanthidium dentarie* are described as new, and the male of *Centrias erigeronis* is described for the first time.

After *Cephen* was characterized as given in the table, I suspected that it might be the same as *Micronomada*, Ckll., but I could not identify that genus without getting specimens of the type, *N. modesta*, for examination. *N. modesta* has the cell  $III_5$  strongly narrowed above, cell  $III_{1+2}$  less obtuse, and the vein *a* ends a little before or is interstitial with  $V_2$ . The front coxæ have a tubercle above the spine. The other structural characters are quite similar, and show that the two genera are closely related, but the venation is so different that I have decided to let *Cephen* stand. *N. fervida*, Sm., also belongs to *Cephen*.

*Heminomada*, Ckll., like *Micronomada*, Ann. Mag., N. H., VII., 10: 42-4, 1902, I would raise to generic rank. Of 37 specimens in my collection, 9 have three submarginal cells in one or both wings.

Vein *rm*, usually wanting in *Heminomada*, I have also found wanting in *N. Cressonii* (1) and *Sayi* (1). Vein  $III_5$  I have found wanting in *Gnathias cuneatus* (1), *Centrias Americanus* (1), *rubicundus* (1), *Nomada parva* (1).

I have to thank the authorities of the American Entomological Society for the privilege of examining co-types of *N. affabilis* and *bella* and specimens of *N. modesta*. Mr. Viereck noted several points in which the N. Y. specimen of *N. affabilis* differed from the co-type sent me for examination.

In his early descriptions Mr. Cresson mentions the structure of segment 7 of the males, and in his later ones notes the form of the joints of antennæ.

#### Females.

Mandibles bidentate; joint 3 shorter than 4; vein *a* before  $V_2$ ; head and thorax red; sutures, depressed and concealed portions

black..... *Gnathias*.

Mandibles simple..... 1.

1. Front coxæ simple; rarely (*N. denticulata*) with short, indistinct spines..... 3.

Front coxæ with long pubescent spines; abdomen distinctly punctured..... 2.

2. Joint 3 longer than 4; vein *a* beyond, or interstitial with,  $V_2$ ; cell  $III_5$  subquadrate,  $III_{1+2}$  obtuse; joint 1 of labial palpi twice as long