

extending northwards to near the Mexican frontier. *N. zonitoides* agrees very nearly with Leconte's description of *N. cribricollis* (= *porosa* and *fuscipennis*, Lec. (Trans. Am. Ent. Soc. viii. p. 215), but it has the head black. This species has the head considerably prolonged in front and very long mandibles, and in this respect (as Leconte remarks of *N. cribricollis*) resembles *Gnathium*. The colour of the thorax, elytra, and legs is variable. The specimens from Coahuila and Guatemala have the elytra more closely and less coarsely punctured than in most of those from the intervening localities, but they are connected by intermediate forms. The length (with the head fully extended) varies from $4\frac{1}{2}$ –9 millim. Labelled *N. egena*, Dej., in Mr. F. Bates's collection. Dr. Horn, Trans. Am. Ent. Soc. xii. p. 108, states that *N. zonitoides*, Dugès, is most closely related to but distinct from *N. sparsa*, Lec.

12. *Nemognatha flava*. (Tab. XVII. fig. 16.)

Gnathium flavum, Dugès, An. Mus. Michoacano, ii. p. 107 bis¹.

Hab. MEXICO, Jalapa (*Flohr*¹, *Höge*); GUATEMALA, Coban (*Conradt*); COSTA RICA (*Van Patten*).

We have received ten examples of this species—seven from Mexico, two from Guatemala, and one from Costa Rica. This insect has the thorax longer than broad, considerably narrowed in front, and constricted before the apex, the disc transversely depressed anteriorly and with a well-marked median channel, the surface densely and finely punctured. The elytra are very densely and finely punctured, with the interspaces somewhat granular. The antennæ are elongate and filiform, black. The upper surface is opaque, flavous or flavo-luteous, and clothed with fine, short, golden pubescence. The outer lobe of the maxillæ is longer than the head, the head itself prolonged in front, and the mandibles are elongate (as in *N. zonitoides*). The legs are variable in colour. In two or three examples the head has a narrow transverse space between the eyes infusate.

13. *Nemognatha atra*.

Gnathium atrum, Dugès, An. Mus. Michoacano, ii. p. 113 bis¹.

Hab. MEXICO, Tupatáro¹ (*Sallé*).

M. Sallé has recently forwarded me an example of this species. It is closely allied to *N. zonitoides*, from which it differs by its entirely black thorax and coarser punctuation. The thorax is more depressed in front, and the punctuation of the head is particularly coarse.