

THE FIRST RECORD OF LEPTOTHORAX, SUBGENUS GONIO-  
THORAX EMERY, IN THE UNITED STATES, WITH THE  
DESCRIPTION OF A NEW SPECIES (Hymenoptera: Formicidae)

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Previous to the finding of a new species of *Leptothorax* (*Goniothorax*) at Brownsville, Tex., by Mrs. Wilda S. Ross, no species of this subgenus was known to occur in the United States, although *Goniothorax* is well represented in South America, Central America, and to some extent in Mexico. The United States now contains 4 of the 5 subgenera of *Leptothorax* recognized by Emery, 1922.<sup>1</sup> *L.* (*Leptothorax*) is the largest, with 21 species, 6 subspecies, and 7 varieties, one or more of which are present in every State of the Union; *L.* (*Mychothorax*), the second largest, has 5 species, 5 subspecies, and 6 varieties, which are distributed over the northern half of the United States, especially in the extreme north and northwest; *L.* (*Dichothorax*), with 1 species, 2 subspecies, and 1 variety, is more typically southern, occurring from Florida to Virginia and westward at least to Iowa and Texas. It is unlikely that any form of *Temnothorax* will be found in the United States, as members of this subgenus are native to the region around the Mediterranean.

The worker of the *Goniothorax* here described is easily distinguished from the workers of the other subgenera by the very sharp humeral angles of the pronotum, the tubercles on the side of the thorax, which give a very irregular outline to this region, the prominent spines or tubercles of the petiole and postpetiole, and the peculiar obtuse or clubbed hairs. Since Emery's characterizations of the various castes of *Goniothorax* are not readily available to all formicologists, they are presented herewith, along with the synonymy of the subgenus, the citation of the subgenotype, and the general distribution of the group.

**Leptothorax**, subgenus **Goniothorax** Emery.

*Leptothorax*, subgenus *Goniothorax* Emery, 1896, Soc. Ent. Ital. Bol. 28:58; 1915, Portici R. Scuola. Super. di Agr. Lab. Zool. Gen. e Agr. Bol. 10: 24.

*Nesomyrmex* Wheeler, 1910, Amer. Mus. Nat. Hist. Bul. 28: 259.

*Leptothorax*, subgenus *Caulomyrma* Forel, 1914, Soc. Vaud. des Sci. Nat. Bul. 50: 233.

*Atopula* Forel (part), 1915, Tijdschr. v. Ent. 58: 25.

Type of subgenus, *Leptothorax vicinus* Mayr (by designation of Wheeler, 1911).

<sup>1</sup> Genera Insectorum, Fascicule 174c: 248.