

Article XXVI. — THE ANTS OF NORTH CAROLINA.

By WILLIAM MORTON WHEELER.

The following list of the ants known to occur in North Carolina has been compiled from the literature and from a fine collection made by Mr. Wm. Beutenmüller in the Black Mountain region during 1903 and 1904. Some years ago Professor A. Forel collected and studied the ants of the same region and published a series of valuable notes on their habits.¹ The new species discovered by Forel in North Carolina are described in a paper entitled "Variétés Myrmécologiques" (Ann. Soc. Ent. Belg., Tome 45, 1901). The list shows very clearly that the ant fauna of the State in question presents a commingling of Carolinian, subboreal, and transitional species. Characteristic of the Carolinian fauna are such species as *Eciton carolinense*, *Stenamamma treatæ*, *S. lamellidens*, *Solenopsis carolinensis*, *Pheidole morrissi*, and *Ph. dentata*, *Pogonomyrmex badius*, *Leptothorax pergandei*, and *L. floridanus*, *Atta septentrionalis*, and *Dolichoderus maricæ*. The following species are subboreal and peculiar to cold woods and meadows among the higher hills and mountains: *Stigmatomma pallipes*, *Myrmecina americana*, *Stenamamma brevicorne*, *Myrmica brevinodis*, *Lasius neoniger*, *L. aphidicola*, *Formica difficilis*, *F. neogagates*. Most of the remaining species are transitional and widely distributed through the lowlands of the Northern States. Undoubtedly the following list, though rather extensive, is still far from complete. We should expect it to comprise several additional species belonging to the genera *Syphincta*, *Leptothorax*, *Myrmica*, *Solenopsis*, *Strumigenys*, *Formica*, and *Camponotus*. Unless otherwise stated, the notes refer to the specimens collected by Mr. Beutenmüller.

SUBFAMILY PONERINÆ.

1. *Stigmatomma pallipes* Hald. Several workers, varying in size and coloration, from the North Fork of the Swannanoa

¹ Ann. Soc. Ent. Belg., T. 43, 1899; Rivista di Sci. Biol., II, No. 3, Como, 1900. The latter more complete account has been translated into English by A. P. Morse (Psyche, Vol. 9, Aug.-Sept., 1901, pp. 232-238, 243-245).