

that it may be double or a fusion of the sternites of segments VII and VIII. Notice the high position of the spiracle on segment VIII.

In the male (Figs. 21-26) the first highly modified segment is segment IX, where the tergite is reduced to a mere sliver in front of the anus, and the sternite is developed into a genital plate (Figs. 21 and 23). The latter is usually of a slightly different shape for each species of ant but to be studied has to be dissected out of the male. Figures 24-26 show three views of the male genitalia. The internal pair of slender forked parts (Figs. 24 and 25) are probably sagittae. The outermost pair of unstippled prongs are probably stipes.

Bibliography

Roger, J. 1863. Die neu aufgeführten Gattungen und Arten meines Formiciden-Verzeichnisses. Berl. Ent. Zeitschr. 7:131-214. (Describes genus and species; pp. 171-172, based upon one worker from North America.)

Dalla Torre, C. G., 1893. Cat. Hym. 7:18. (Gives synonym only.)

Emery, C. 1895. Beiträge zur Kenntniss der nordamerikanischen Ameisenfauna. Zool. Jahrb. Syst. 8:257-360. pl. 8. f. 7, 8. (Describes female and redescribes worker; also gives descriptions of the genus *Proceratium*, *P. croceum*, *P. crassicornis*, and *P. crassicornis vestitum*.)

Emery, C. 1896. Sur les fourmis des genres Sysphinata et Proceratium. Bull. Soc. Ent. Fr. 4:101-102. f. 2. (Gives figure of worker but makes no mention of the various species.)

Wheeler, W. M. 1910. Ants. Their structure, development and behavior. Columbia University Press. New York. (Emery's worker is redrawn.)

Emery, C. 1911. Hymenoptera, Family Formicidae, Subfamily Ponerinae. Genera Insectorum. Fas. 118:50. (Synonym only.)

Wheeler, W. M. 1915. Some additions to the North American ant fauna. Bull. Amer. Mus. Nat. Hist. 34:389-421. (Describes var. *rugulosum*.)

Wheeler, W. M. 1937. Mosaics and other anomalies among ants. 95 pp., 18 figs. Harvard University Press, Cambridge, Mass. (Defines ergatogynes, etc.)

Smith, M. R., 1930. A description of the male of *Proceratium croceum* Emery, with remarks. Ann. Ent. Soc. Amer. 23:390-392, 3 figs.

Dennis, C. A. 1938. The distribution of ant species in Tennessee, with reference to ecological factors. Ann. Ent. Soc. Amer. 31:267-308, map. (Collected 4 times in the Tennessee valley from well rotted logs in shaded woods.)