

A NEW STRUMIGENYS WITH NOTES ON OHIO SPECIES

(Formicidae: Hymenoptera)

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The genus *Strumigenys* is a group of small to very minute ants, those in the Ohio fauna averaging about 2 mm. in length for the workers, though some of the more southern forms are more than twice as large. The thirty or forty known species are recorded from all the continents. The records cover Samoa, New Zealand, Australia, New Guinea, Amboina, Ceylon, Japan, Southern Europe, Central and Southern Africa, the Eastern United States, Cuba, Central America and South America to Argentina.² Such minute, slow-moving and weak insects must have had eras of time to have spread so widely. It is remarkable that they have retained their generic integrity when spread for so long a time over such a wide and diversified area.

Three species, *pergandei* Emery, *pulchella* Emery and the new one described below, have been taken in Ohio. *Str. dietrichi* Smith, originally described from Mississippi, will probably be found in this state, as it has been taken in southeastern Tennessee and at Urbana, Illinois.

Some of the larger southern species nest under stones, but the four species regional for Ohio nest in rotten logs. In nearly all cases where the log has been identified it has been oak and usually white oak (*Quercus alba* L.). Three specimens of *pulchella* were found by the authors in a log of some softer hard wood in the Huron Bog at Willard, Ohio. The nests have always been found in those parts of the log which have been

¹The new species was collected by Miss Schramm and the description written by her. Kennedy is responsible for the general and morphological notes, also for the illustrations.

²From de Dalla Torre, 1892, Cat. Hymen., Vol. XI; Wheeler, 1922, Distribution of Ants of the Ethiopian and Malagasy Regions, Bull. Amer. Mus. Nat. Hist., 45: 13-37; Mann, 1916, The Ants of Brazil, Bull. M. C. Z., 60: 399-491; Forel, 1900, Biol. Cent. Amer., Hymenoptera 3: 1-169, and Smith, 1931, Revision of the Genus *Strumigenys*, Ann. Ent. Soc. Amer., 24: 686-710.