

hillside woods. Another colony was found in an almost identical situation in dense, oak woods. In the latter case a worker was first seen in a frequented gallery of *A. fulva aquia* under a large stone. The nest was located about 3 cm. to one side of the stone, and consisted of an irregular cavity, perhaps just a crack in the soil, barely beneath the humus. It contained not more than 20 workers. Both localities were in Pike County.

Strumigenys (*Cephaloxys*) *deitrichi* M. R. Smith

We have taken this ant in Pike, Lawrence, and Adams Counties. On 4 occasions workers were found under the bark of somewhat decayed logs in open, dryish woods. In all of these logs have been colonies of other species of ants, such as *Formica truncicola* subsp. *integra* Nyl., *Aphænogaster tennesseensis* Mayr, *A. lamellidens* var. *nigripes* M. R. Smith, *A. fulva* Roger, *Proceratium crassicorne* var. *vestita* Emery, *Ponera coarctata* subsp. *pennsylvanica* Buckley. One long, decayed, hickory log, covered with a tough layer of bark, was remarkable in containing colonies of at least 11 species of ants, including 5 species of *Strumigenys*. The log, lying on the edge of some woods, extended from deep shade through a clump of bushes into broken sunlight. The ant species, in approximate order from shade to sun, were: *Strumigenys deitrichi* M. R. Smith, *Ponera coarctata* subsp. *pennsylvanica* Buckley, *Aphænogaster fulva* subsp. *aquia*, Buckley, *Strumigenys pulchella* Emery, *Solenopsis molesta* (Say), *Strumigenys medialis* new species, *Strumigenys rostrata* Emery, *Proceratium crassicorne* var. *vestitum* Emery, *Lasius niger* var. *neoniger* Emery, *Strumigenys pergandei* Emery, and *Crematogaster lineolata* (Say). Several workers of *S. deitrichi* were found in the loose humus in the cedar grove described below under *S. missouriensis* M. R. Smith.

In none of these cases did we observe definite indications of an association between *S. deitrichi* and the other species of ants living near them, such as the presence of *deitrichi* workers in frequented galleries of the other.

Strumigenys (*Cephaloxys*) *clypeata* Roger

A nest of *clypeata* was found in the duff at the base of a small pine tree a few inches from a colony of *Myrmica*