

**Myrmica scabrinodis** Nyl. var. **sabuleti** Meinert.—A nest on San Juan Island, Puget Sound.

**Leptothorax curvispinosus** Mayr subsp. **rugatulus** Emery. Taken at Helena, Montana.

**Tapinoma sessile** Say.—Common throughout Washington. A large number of nests were examined and no myrmecophiles found. But in the vicinity of Ellensburg, Wash. (March 12, 1909) the tiny cricket, *Myrmecophila oregonensis* occurred in every nest examined.

On Orcas Island, Puget Sound, nests of the pale variety of this ant were often exposed in lifting the bark from fallen trees, and in one nest there were three specimens of a Staphylinid, determined by Dr. A. Fenyès as *Zyras* (*Myrmæcia*) *lugubris* Casey. This beetle, when the nest is uncovered, runs about among the ants, with the tip of the abdomen raised. Wasmann has placed the European *Myrmæcia fussi*, also commensal with *Tapinoma*, as a synechthran, and it has been observed to eat the ants. I have not examined the other species, but in *lugubris*, on the dorsum of the penultimate segment of the abdomen, are typical golden trichomes, characteristic of symphiles. So if *lugubris* does feed on the ants, here is a case of a predaceous insect with adaptations toward making itself tolerated by its intended prey, an example even more extreme than *Xenodusa*, which confines its attacks to the larvæ of the ants.

**Iridomyrmex analis** André.—At Wawawai, Wash. Rare.

**Lasius niger** L. var. **neoniger** Emery.—Abundant in the vicinity of Pullman, where numerous nests were examined. Myrmecophiles were taken on two occasions only. May 13th a single specimen of *Heterius tristriatus* Horn was found among a thick cluster of ants on the under side of a stone, and two specimens of the blind *Adranes taylora* Wick. were taken on the same date, from another nest.

**Lasius niger** L. var. **americanus** Emery.—*Adranes taylora* was taken in numbers with this ant at Troy, Idaho, in May. The nests were first visited in the afternoon and the beetles found in the upper galleries of every nest examined. No other myrmecophiles were found in these nests, but in July on San Juan and Orcas Islands, Puget Sound, *Myrmecophila formicarum* was abundant.