

*Iridomyrmex pruinosus* (Roger)

The body is smooth and about 3 mm. in length. Hairs are very sparse.

*Distribution*.—Gusher, Lucin (Knowlton); Logan Canyon in Cache Co. (Knowlton and Stains); Hurricane, mountain S. of Dry Canyon, East Bench near Parleys Canyon, Ft. Douglass Reservation—all in Salt Lake Co. (Grundmann); Johns Canyon in San Juan Co. (Rees).

A number of crater nests was found in sandy soil, and one colony nested beneath a stone.

*Iridomyrmex pruinosus* var.  *analis* André

*Distribution*.—Bovine, Willow Springs, Lucin, Clover, La Sal, Big Cottonwood Canyon in Salt Lake Co., Gusher, Roosevelt (Knowlton); Moab, Clover (Knowlton and M. J. Janes); Pelican Point in Utah Co., East Bench of Parleys Canyon in Salt Lake Co. (Grundmann); Kanab, Zion Natl. Park (Cole).

The habitat and nests of this variety are like those of the typical *pruinus*. Both forms are frequently found in the same area.

*Iridomyrmex pruinosus* var. *testaceus* Cole

*Distribution*.—Clover, Park Valley, Gusher, Lucin, Deseret, Iosepa, Valley Junction (Knowlton and M. J. Janes).

The habitat and nests are similar to those of the two preceding two forms.

Subfamily FORMICINAE

KEY TO THE GENERA OF FORMICINAE IN UTAH

1. Workers polymorphic ..... *Camponotus* Mayr
- Workers not polymorphic, but often of variable size ..... 2
2. Funicular segments 2-5 shorter or not longer than succeeding segments; ocelli usually absent ..... 3
- Funicular segments 2-5 longer than succeeding segments; ocelli distinct ..... 4
3. Maxillary palpi 6-segmented ..... *Lasius* Fabricius, s. str.
- Maxillary palpi 3-segmented ..... *Lasius* (*Acanthomyops* Mayr)
4. Fourth segment of maxillary palpi distinctly longer than fifth. *Myrmecocystus* Wesmael
- Fourth segment of maxillary palpi nearly as long as fifth ..... 5
5. Mandibles with broad, dentate masticatory borders; (prothoracic dorsum convex) ..... *Formica* Linné
- Mandibles narrow, falcate and pointed ..... *Polyergus* Latreille

Genus LASIUS Fabricius

The genus is well represented in Utah, not only in the number of different forms but also in the prevalence of colonies. Colonies are generally rather large, and most of the nests are in the soil beneath stones. The majority of the workers attends aphids and coccids on foliage and roots of plants.

KEY TO THE SPECIES OF LASIUS IN UTAH

1. Maxillary palpi 6-segmented ..... 2
- Maxillary palpi 3-segmented ..... 8
2. Last three segments of maxillary palpi elongated, of nearly equal length ..... 3
- Last three segments of maxillary palpi short, successively diminishing in length ..... 5
3. Scapes and legs without erect hairs ..... *niger* var. *americanus* Emery
- Scapes and legs with erect hairs ..... 4