

*Formica fusca* var. *argentea* Wheeler

The body is dark reddish brown or brownish black, and the legs and antennae are generally light red or yellow. The dense pubescence gives the entire body a silvery luster.

*Distribution*.—Snowville, Delle (Knowlton); East Mill Creek in Little Willow Canyon in Salt Lake Co., Monticello (Chamberlin); Logan Canyon and Blacksmith Fork Canyon—both in Cache Co. (Thatcher); Salt Lake Co. (Grundmann); Box Elder Co., American, Sheep Creek in Ashley Natl. Forest in Daggett Co. (Rees).

Nests are beneath stones and logs in cold forests at the higher elevations.

*Formica fusca* var. *neoclara* Emery

The body and appendages are pale red with the vertex, funiculi and dorsum of the gaster infuscated.

*Distribution*.—Logan, Smithfield, Lewiston, Brigham, Wellsville (Knowlton); Salt Lake City (Grundmann).

The ants build "beds" of soil, with numerous entrances in crude, flat, confluent craters.

*Formica rufibarbis* var. *gnava* Buckley

The head, thorax, petiole and legs vary from light to dark brownish red or brown. The top of the head, and often also the pronotum and mesonotum, are infuscated; the tips of the funiculi are not infuscated. The head and thorax of the smaller workers are frequently dark brown.

*Distribution*.—Morgan, Ogden Canyon near Ogden (Knowlton); Lehi (Hooker).

These ants, which inhabit shady canyons, either nest in the soil beneath stones or they construct nests without craters in unprotected ground.

*Formica cinerea* var. *neocinerea* Wheeler

The body is dark brown, and the top of the head, the gaster and sometimes even the thoracic dorsum, are darker and more blackish.

*Distribution*.—17 Mi. S.W. of Jensen, Snowville (Knowlton); Wasatch (Knowlton and F. C. Harmston); Wellsville (Grundmann); Kanab (Cole).

The ants nest in rather open areas where they construct flat earthen mounds or nest beneath stones. Colonies are generally rather populous.

*Formica cinerea* var. *altipetens* Wheeler

The workers are blackish brown. The genae, anterior border of the clypeus, antennae (except the tips of the funiculi), petiole and legs are dark red or brownish red.

*Distribution*.—Warner Ranger Station in La Sal Mts. (Creighton); Henrys Fork Basin in Summit Co. (Rees).

The habits are the same as those of the preceding variety.

*Formica subpolita* Mayr

The body varies from brownish red to dark chestnut brown; the legs are paler, and the gaster and top of the head are black. The tips of the antennal