

do with size and are, apparently, due to the age of the insect. Thus in some workers the piceous coloration of the upper surface of the head is confined to the occiput. In such individuals the abdomen is a lighter brown than that of the ergatotype.

FEMALE.—Length 7 mm. Eyes a little larger than those of the worker, strongly convex with their outline extending beyond the side of the head when this is viewed from the front. Frontal furrow more pronounced than in the worker. The antennal scape in repose surpasses the occipital margin by an amount almost three times its greatest thickness. Funicular joints thicker than those of the worker. In other respects the head is like that of the ergatotype.

Thorax seen from above suboval, almost as wide as the head, widest a little in front of the insertion of the fore wings. Scutum slightly broader than long, subpentagonal in outline with the median anterior angle broadly rounded. Scutellum with a feebly arcuate anterior edge and a rather strongly convex posterior border, the lateral projections narrow and long but blunt at the tip. Metanotum small, not extending entirely across the dorsum of the thorax. Seen in profile, the suture between the pronotum and the scutum is well-marked so that the slightly concave, sloping, anterior face of the pronotum is sharply set off from the descending anterior portion of the scutum. The epinotum is only a little lower than the adjacent portion of the thorax, much higher than long, and with the angle between the short, basal face and the long, declivous face well marked. Scale of the petiole much thicker at the base than in the worker and with a very much blunter upper edge. Abdomen oval, slender, and pointed behind. Legs shorter and somewhat stouter than those of the worker. Wings grayish white with veins and stigma brown.

Sculpture and pilosity as in the worker.

Piceous brown, the mandibles, legs, and antennae clear, yellowish brown. Clypeus sordid yellow infuscated along the midline. Pronotum and petiole sordid yellow irregularly clouded with piceous brown. The black bands that border the abdominal segments are less conspicuous than in the worker.

Two winged females were taken in the original colony. Except that it is a trifle smaller (6.7 mm.), the second female agrees in every respect with the holotype.

TYPE LOCALITY.—Warner Ranger Station, La Sal Mountains (9500 feet elevation), Utah. These mountains, which are close to the Utah-Colorado border, lie about fifteen miles to the southeast of the town of Moab.

Slave.—*F. (Proformica) neogagates* subspecies *lasioides* variety *vetula* Wheeler.

In addition to the type series, I have taken this ant in the Blue Mountains (some maps give these as the Abajo Mountains) which lie to the west of Monticello, Utah. This nest, as well as that of the type series, was situated on an open hillside surrounded by extensive aspen groves. The nests are constructed under stones without any accumulation of earth or vegetable detritus.