

Rockford, Ill. They differ from the typical form in having naked eyes and less hairy bodies. Some of the larger workers from the latter locality are almost as naked as *F. rufa* subsp. *integra*. The smallest workers from one of the Rockford colonies have the head and thorax very deeply infuscated.

3. *Formica nepticula* sp. nov.

Worker. — Length, 4–6 mm.

With the habitus of a small *F. rufa*. Mandibles 8-toothed. Palpi rather long. Head, excluding mandibles, a little longer than broad, cheeks slightly flattened, somewhat converging in front; posterior border straight, posterior angles rounded. Clypeus strongly carinate, its anterior border angularly produced in the middle. Antennæ of the *ruja* type. Thorax in profile with deep mesoepinotal constriction; pro- and mesonotum rounded, hemispherical; epinotum evenly rounded, without any angle. Petiole large, as high as the epinotum, convex in front, more flattened behind, border rather sharp; seen from behind the upper border is transverse in the middle and obliquely truncated on either side, the lateral surfaces are straight and converge below. Gaster and legs as usual.

Head, thorax, and petiole subopaque, very finely shagreened; mandibles, clypeus, and frontal portion of head, but especially the frontal area, more shining. Mandibles densely striated and coarsely punctate. Legs and gaster shining, the latter finely and transversely shagreened, with the lustre of "watered" silk.

Hairs golden yellow, obtuse, suberect, and very sparse, on the upper and lower surfaces of the head, upper surface of thorax, and on the gaster. There are also a few scattered hairs on the flexor surfaces of the coxæ, femora, and tibiæ. Eyes naked. Pubescence whitish, very short and sparse, but visible on the antennæ, sides of the thorax, and on the gaster where it fails to conceal the shining surface.

Mandibular teeth and gaster black; remainder of the body and appendages deep red; antennal funiculi, legs, especially the tibiæ, mandibles, and anterolateral corners of the head, darker and more brownish. Ocellar region and mesonotum slightly infuscated even in larger workers, but there is no increased tendency to infuscation in the smaller workers.

Female. — Length, 4–5 mm.

Mandibles and clypeus like those of the worker, except that the latter is more convex and less prominently keeled. Head slender, excluding the mandibles distinctly longer than broad, with long, anteriorly converging cheeks. Thorax distinctly narrower than the head. Petiole similar to that of the worker but with sharper superior border, often slightly notched in the middle. Gaster small. Legs slender. Wings somewhat longer than the body (5.3 mm.).

Body smooth and shining, very finely shagreened, back of head and mesonotum more opaque; gaster very glabrous, being much more delicately shagreened than in the worker.

Hairs golden yellow, suberect, slender and obtuse, much longer than in the worker and more abundant, especially on the upper surface of the head and