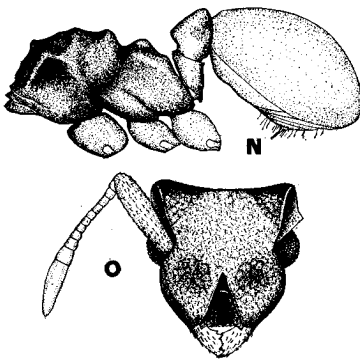


*S. lanuginosa* is closely related to *S. unidentata* Mayr, *unispinulosa* Emery, *imitator* F. Smith, *louisianæ* Roger, and *fusca* Emery. It differs from the first in having perfectly straight mandibles, from the second in having the head much narrower in front, spongiform appendages on the petiole, no clavate or squamiform hairs, etc.; from the third in having a distinct tooth on the inner border of the mandibles just behind the two apical teeth; from the fourth in having the pre-apical mandibular spine shorter, and in lacking the club-shaped and scale-like hairs on the body; from the last in its smaller size, in having a shorter preapical spine, the head narrower in front, spongiform appendages on the petiole, etc.

39. **Cyphomyrmex rimosus** Spinola subsp. **minutus** Mayr (Figs. N and O). — No form of *C. rimosus* was found on Andros Island, but numerous workers from several nests collected near Nassau, N. P., (Fort Charlotte, Menendez Sisal Plantation, and Blue Hills), agree with Emery's description of the subsp. *minutus* (Bull. Soc. Ent. Ital., XXVIII, 1896, pp. 89, 90). The nests were under stones, where the ants were guarding their fungus gardens on caterpillar excrement. The fungus consisted of small translucent, pear-shaped, yellow bodies, about .5 mm. in diameter. They were of exactly the same size and appearance as those which I first saw in the fungus gardens of the subsp. *dentatus* Forel in Mexico. More recently I have found these

gardens and fungi in the nests of a dark variety of *rimosus* at New Braunfels, Texas, and in the nests of another variety on Key Largo, Florida. There can be no doubt that previous authors have been mistaken in asserting that this species does not cultivate fungi like all the other known species of *Attiæ*. The fungi have simply been overlooked because they are not in the form of a white mycelium. I have kept the Texan variety in artificial nests, and have seen the workers carefully raising and eagerly eating the bodies which must



*Cyphomyrmex rimosus* Spinola subsp. *minutus* Mayr. Worker. N, body in profile; O, head from the front.

belong to some hitherto undescribed fungus very different from the *Rhizites gongylophora* Moeller.