

In his original description Cockerell regarded this ant as a ponerine, because of the apparent constriction at about the middle of the gaster. Wheeler, however, concluded (1928) from Cockerell's figure that "the specimen is more probably a Myrmicine. This is suggested by the shape of the petiole, the blunt or broken (?) spine on the epinotum and the shape of the head, which is unlike that of the existing Ponerinae." Through the kindness of Dr. R. S. Bassler I was able to study and photograph the reverse of the type at the National Museum. The obverse, at the University of Colorado, I was also permitted to examine, but was not able to secure a satisfactory photograph because of the lack of the necessary apparatus. My observations on these fossils did not aid materially in determining the affinities of the ant, although I believe that what appears to be an epinotal spine is merely the only part of the epinotum which is exposed to its dorsal surface, the adjoining parts of the epinotum being covered by the matrix of the rock. In as much as the specimen was a holotype, however, no attempt was made to test this conclusion by exposing the hidden part of the thorax. The habitus of the insect is certainly more suggestive of a myrmicine than a ponerine.

The two following Green River species, although unquestionably ants, are not sufficiently well known to permit even subfamily classification.

EOFORMICA PINGUE (Scudder)

(Plate 2, fig. 6)

Liometopum pingue, Scudder, S. H., 1877. Bull. U. S. Geol. Geogr. Surv. Terr., **3**, p. 742-743.

Liometopum pingue, Scudder, S. H., 1890. Bull. U. S. Geol. Surv., **13**, p. 617.

Eoformica eocenica, Cockerell, T. D. A., 1921. Proc. U. S. Nat. Mus., **59**, p. 38.

Eoformica eocenica, Wheeler, W. M., 1928. Soc. Ins., p. 117.

Male.—Length, 7.5 mm.; head small, nearly round, but somewhat broader behind; thorax broad, about twice as wide, and more than twice as long as the head; gaster rounded, about twice as long as the head and somewhat broader. Length of head, 1.2 mm.; thorax, 3.0 mm.; gaster, 2.7 mm. Width of head, 1.2 mm.; thorax, 2.2 mm.; gaster, 2.7 mm.

Locality.—Green River City, Wyoming; Rio Blanco County, Colorado; Uinta County, Utah.

Holotype.—No. 2937, M. C. Z.

This species was originally referred by Scudder to the genus *Liome-*