BREVIORA

Museum of Comparative Zoology

CAMBRIDGE, MASS.

June 21, 1957

Number 77

DACETINOPS, A NEW ANT GENUS FROM NEW GUINEA

By W. L. Brown, Jr. and E. O. Wilson

In the course of an extended field trip to the southwestern Pacific area during 1954-1955 (supported by the Museum of Comparative Zoology and the Society of Fellows of Harvard University), one of us (Wilson) was able to collect in the rich tract of rain forest at the Busu River, near Lae, Australian Mandated Territory of New Guinea. Among the samples obtained here were several of a small myrmicine ant with the habitus, both in life and in preservation, of certain short-mandibulate members of tribe Dacetini. However, further examination revealed that this species could not be a member of the Dacetini, even though it possessed certain features, especially the spongiform appendages of the petiole, postpetiole and gaster, not otherwise known among ants outside the Dacetini. This remarkable pseudo-dacetine is described below and its affinities discussed.

DACETINOPS gen. nov.

Diagnosis, worker. Small myrmicine ant, apparently closest to Lachnomyrmex Wheeler of the American tropics. Body compact, integument hard and thick. Head subtriangular (with mandibles triangular), widest across occipital region, tapering toward mandibles. Antennal scrobes present, deep and distinctly