



Fig. 2. Specimen Do-4440. — A: lateral view. B: dorsal view of the head.

show a “usual” *Pheidole* habitus and are likely to belong to species groups already known from the Neotropical fauna. Professor Wilson is currently revising the Neotropical members of this genus and is planning to describe them. He is of course in the best position to judge their taxonomic status and I shall leave him the difficult task of establishing the most probable relationships of these species. The ants dealt with in this paper exhibit obviously non-Neotropical affinities and, for this reason, they will be discussed separately by me. Four amber samples, all belonging to the collection of the Stuttgart Museum of Natural History (Department of Phylogenetic Research), contained ant specimens relevant in this context. They can be briefly described as follows:

Do-3708. — A large, light Dominican amber piece containing a homopteron, a micro-hymenopteron, three fragments of flowers and two ants. The preservation conditions of the first ant (Do-3708-a, Fig. 1) are good, though its observation is rendered difficult by the presence of numerous air bubbles. The specimen Do-3708-b is represented by a head without antennae articulated to a prothorax without legs belonging to the same species as the Do-3708-a but embedded in a dark-coloured amber layer and further shaded by a diagonal fissure. I shall comment the presence of this fragmentary specimen only here since I have been unable to take any measurement on it, or to use it further in the species description.

Do-4440. — A small, yellow Dominican amber sample containing only one ant (Fig. 2) and insect excrement. The ant is intact and well visible due to the reduced number of amber impurities. Because of the body position of the specimen, its study results relatively easy.

Do-4434. — Another small, originally oval, very clear Dominican amber sample containing only an ant (Fig. 3), a psocid, and pollen grains. Three air bubbles (one on the left antennal club, one on the left gena and one on the right side of the propodeum) prevent a complete view from all sides. Nonetheless the head is clearly visible