

duction is not evident in *D. attelaboides*). Some difficulty was encountered in counting the labial palpus segments. Only 3 could be defined clearly in the preparation examined. Wilson et al. (1956) recorded the worker palpus as being 4-segmented. The nature of the articulation of the proximal segment was obscured, and it appeared as a cylindrical, non-articulated evagination of the prementum.

CONCLUSIONS

The mouthparts of *A. simoni* resemble closely the mouthparts of several dolichoderine species. However, in several respects they are also similar to the mouthparts of many ponerines, and in the condition of the lacinia they resemble *M. auriventris*. Hermann (1968) reported that the poison apparatus of *A. simoni* most closely resembles the apparatus found in the Dolichoderinae. Wilson et al. (1956) found that some characters in both larval and adult morphology of *A. simoni* are shared exclusively with the Dolichoderinae, while in other characters the aneuretines are so generalized as to be closer to the Myrmeciinae and Ponerinae. An examination of the mouthparts confirms these observations.

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