



FIGS 6-10—Views of the arolium region: workers of (6) *Camponotus discors* (AAWI-1); (7) *Dolichoderus scabridus* (AAWH-1); (8) *Podomyrma gratiosa* (AAWK-1); (9) *Rhytidoponera metallica* (AAWF-1); male of (10) *Rhytidoponera metallica* (AAWF-1). Scale bars represent 20  $\mu$ m.

#### Systematic survey

We surveyed a number of species, drawn from all major ant groups, for the presence or absence of arolia. As can be seen from Table 1, the presence of an arolium in the worker pretarsus is widespread. Species lacking arolia were found by us only in the subfamilies Ponerinae and Leptanillinae. All *Amblyopone* species surveyed, the