

giant South American ectatommine *Paraponera clavata*, and *Diacamma ?rugosum* possess arolia whereas all other ponerines lack worker arolia. *Amblyopone* species vary in whether arolia occur on all worker pretarsi, or only on the front feet.

The ectatommine *Aulacopone relictata* Arnoldi lacks arolia in the queen, the only caste known (Taylor 1979).

Although species names are given, where present knowledge allows, many ant "species" are actually superspecies (Crozier 1981).

### Discussion

Our systematic survey indicates that the presence or absence of arolia may be a useful systematic character at the level of the genus or above. But it was not our intention to provide a definitive statement on the detailed distribution of arolia among ants, and a much larger survey would be required for that.

TABLE 1  
PRESENCE (+) OR ABSENCE (—) OF AROLIA IN MAJOR ANT GROUPS. WORKERS (♂) WERE EXAMINED FOR EACH SPECIES, AND IN SOME INSTANCES QUEENS (♀) AND MALES (♂) AS WELL. ANIC: SPECIMENS FROM THE AUSTRALIAN NATIONAL INSECT COLLECTION, DIVISION OF ENTOMOLOGY, CSIRO, CANBERRA. RHC: SPECIMENS IN THE COLLECTION OF RHC, SCHOOL OF ZOOLOGY, UNSW. COLLECTION ACCESSION CODES ARE GIVEN WHERE KNOWN.

Taxon	Code	Colln	Locality	Arolium			Remarks
				♂	♀	♂	
ANEURETINAE							
<i>Aneuretus simoni</i> Emery	—	ANIC	Ratnapura, Sri Lanka	+			small arolia on all feet.
CERAPACHYINAE							
Ceropachyini							
<i>Cerapachys brevis</i> (Clark)	AAGZ-1	RHC	Fowler's Gap NSW	+			
Sphinctomyrmini							
<i>Sphinctomyrmex steinheili</i> Forel	AAGT-16	RHC	Leumeah, NSW	+			
DOLICHODERINAE							
Dolichoderini							
<i>Dolichoderus scabridus</i> Roger	AAWH-1	RHC	Menai, NSW	+			
Leptomyrmini							
<i>Leptomyrmx erythrocephalus</i> (F.)	AAHC-1	RHC	Vittoria, NSW	+			
Tapimomini							
<i>Iridomyrmex</i> sp., <i>purpureus</i> (Fr. Smith) gp. (blue form)	AAGL-6	RHC	Kanapa, SA	+			
DORYLINAE							
Aenictini							
<i>Aenictus ceylonicus</i> Mayr	—	RHC	Ho Chi Minh City, Vietnam	+			
Doryliini							
<i>Dorylus fulvus</i> (Westwood)	Leston-439	ANIC	Tafo, Ghana	+			
Ecitonini							
<i>Neivamyrmex nigrescens</i> (Cresson)	—	ANIC	Laurel, Miss.	+			
FORMICINAE							
Camponotini							
<i>Camponotinus discors</i> Forel	AAWI-1	RHC	Como, NSW	+			
Formicini							
<i>Paratrechina</i> sp. 1 (ANIC)	AAGR-9	RHC	Leumeah, NSW	+			
Melophorini							
<i>Melophorus</i> sp.	AAGW-22	RHC	Kudjee, NSW	+			
LEPTANILLINAE							
<i>Leptanilla escheri</i> (Kutter)	—	ANIC	Travancore, India	—			part of type series for <i>Leptomesites escheri</i>