

Table I. — Behavioral Repertoires of *Myrmoteras barbouri* workers and gynes. The number of acts observed for each behavior is followed in parentheses by the relative frequency of performance of that behavior for each caste.

Tabelle I. — Verhaltensrepertoire der Arbeiterinnen und Königinnen von *Myrmoteras barbouri*. Tabelle gibt die Gesamtzahl der jeweiligen Verhaltensakte an, und in Klammern ihre relative Häufigkeit.

	Workers	Gynes
Self-grooming	482 (.6048)	189 (.8750)
Allogroom worker	41 (.0514)	12 (.0556)
Allogroom gyne	30 (.0376)	5 (.0231)
Carry egg	10 (.0125)	2 (.0093)
Carry larva	11 (.0138)	2 (.0093)
Carry pupa	6 (.0075)	1 (.0046)
Lick egg	4 (.0050)	1 (.0046)
Lick larva	18 (.0226)	2 (.0093)
Lick pupa	3 (.0038)	0
Regurgitate		
with worker	5 (.0063)	0
with gyne	4 (.0050)	0
Lick nest surface	4 (.0050)	0
Manipulate debris	28 (.0351)	0
Carry debris		
within nest	7 (.0088)	0
to outside of nest	6 (.0075)	0
Carry dead nestmate	2 (.0025)	0
Nest defense		
attack intruder	9 (.0113)	0
remove intruder	3 (.0038)	0
Grapple with nestmate	5 (.0063)	0
Forager departing nest	69 (.0866)	2 (.0093)
Lick sugar bait	11 (.0138)	0
Unsuccessfully track		
potential prey	12 (.0151)	0
Track and capture prey	5 (.0063)	0
Feed on prey		
inside nest	16 (.0201)	0
outside nest	6 (.0075)	0
Total number of acts	797 (1.0000)	216 (1.0001)

1. It was not possible to distinguish the original, dealate queen of the *M. barbouri* colony from the two gynes, which lost their wings soon after collection. One gyne stayed away from the nest for periods of hours: her departures from the nest accounted for two observations of gyne "foraging" in table I.