



Fig. 5. — Trophallaxis between *Myrmoteras toro* workers.

Abb. 5. — Trophallaxis zwischen zwei *Myrmoteras toro* Arbeiterinnen.

Tests for recruitment

Sugar baits were used to test for recruitment to food in four experiments on each species. In each case the ants were watched for at least 30 minutes. Results for both species were similar. Upon finding a bait, a forager typically drank for 2-10 minutes and then returned directly to the nest, obviously replete. There it engaged in trophallaxis with one to several ants for a few minutes. Particularly in *M. toro*, it would often return to the bait and drink again, and then come back to the nest and once more engage in trophallaxis. A forager could repeat this circuit ten times in an hour, yet there was no evidence of recruitment. No other workers followed the path taken by the