



**Fig. 17a-c.** *Oecophylla* major workers entering an arena previously marked by an alien *Oecophylla* colony responded with frequent aggressive displays and stronger recruitment effort (c). Those entering an arena with a fresh paper floor (b) or an arena previously marked by their nestmates (a) were less aggressive and showed weaker recruitment efforts. The scale of the ordinate is logarithmic

five successive 2-min intervals. The provenance and significance of each category of squares were as follows:

*Control 1.* A fresh, unmarked 15 × 15 cm square of paper was introduced to colony A as a general control.