

Title	Functional morphology and efficiency of the antenna cleaner in <i>Camponotus rufifemur</i> ants
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Summary paragraph	Experimental study of the function of the antenna cleaner in ants. Contamination with particles of different sizes, ablation of the cleaner's brush and comb structures showed that particles were caught in distinct zones depending on the gap widths between cuticular outgrowths.
Novel/notable aspects	First experimental study on insect cleaning structures
Flow key words	
Cleaning type/key words	fluorescence monitoring; surface cleaning
Field/background	Biomechanics
Theory/method/analysis key words	Experiments, functional morphology