

Title	Evidence for self-cleaning in fluid-based smooth and hairy adhesive systems of insects
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Summary paragraph	Experimental study of contamination and contact self-cleaning in adhesive pads of insects, demonstrating that both smooth and hairy adhesive pads can self-clean and recover adhesion. Hairy pads self-cleaned more efficiently than smooth pads, except when particle size coincided with the spacing between adhesive setae.
Novel/notable aspects	First demonstration of contact self-cleaning in insect adhesive structures
Flow key words	Adhesion
Cleaning type/key words	Contact self-cleaning
Field/background	Biomechanics
Theory/method/analysis key words	Experiments