

Title	Insect aquaplaning: Nepenthes pitcher plants capture prey with the peristome, a fully wettable water-lubricated anisotropic surface
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Summary paragraph	Study on how Nepenthes pitcher plants capture insects, demonstrating that thin water films stabilized by the special surface topography of the pitcher rim causes insects to “aquaplane”.
Novel/notable aspects	New biological principle for non-adhesive and self-cleaning plant surfaces with potential for biomimetics
Flow key words	lubrication, adhesion
Cleaning type/key words	wetting
Field/background	Biomechanics
Theory/method/analysis key words	Experiments