

# Interspecific recognition through odours by aphids (Sternorrhyncha: Aphididae) feeding on wheat plants

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In olfactometric experiments a wingless adult of *Sitobion avenae* was attracted by odours of a wingless adult of *Rhopalosiphum padi* feeding on a wheat plant. When the stimulus consisted of either a wingless *R. padi* without plant material or a wheat plant that had previously been infested by a wingless *R. padi*, the response by *S. avenae* was not significant, suggesting that recognition is due to volatiles produced by the combination of an aphid and a plant.