

Discovery of the rare alate morph of *Acyrtosiphon svalbardicum* Heikinheimo (Homoptera; Aphididae): description and implications for species ecology

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A single alate female of the endemic Svalbard aphid *Acyrtosiphon svalbardicum* is recorded from Storholmen in the Lovén Islands, Kongsfjord, West Spitsbergen. This species has been studied intensively but has hitherto been regarded as entirely apterous. The female is described in detail and the ecological implications of the discovery are discussed in the context of previous work, particularly in relation to the life cycle, dispersal and colonisation.

Key words: *Acyrtosiphon svalbardicum*, *Dryas*, alate, dispersal, colonisation, induction.

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