

Biotic – Sediment Interactions

A symposium in memory of
Roland Goldring
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Organised by
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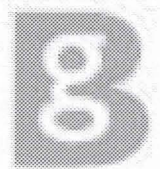
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**A new species of silky lacewing (Insecta: Neuroptera: Psychopsidae)
from the English Wealden (Early Cretaceous) with a critical review of
other fossils referable to this family**

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The silky lacewings (Insecta: Neuroptera: Psychopsidae) are a now relict family with a disjunct distribution in southern Africa, southeastern Asia and Australia. Psychopsoids (psychopsid-like insects) are, however, diverse in the Mesozoic and the dominant Neuroptera (lacewings) in the Wealden (Valanginian-Barremian) of southern England. This complex is probably paraphyletic. The first English psychopsid, *Psychopsidites rolandi* gen. et sp. nov., is described from the upper Lower Weald Clay. It was found in a siltstone scour-fill at Clockhouse Brickworks, ~~Sussex~~: such scour-fills have yielded thousands of insect remains and their structure and occurrence in the Wealden appears to be unique amongst Phanerozoic insect localities. Other fossil psychopsoids (mostly Mesozoic) are critically discussed: we consider that most of them were incorrectly assigned to this family. The colour patterning of Wealden psychopsoids is used to help interpret their behaviour.

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