

Anomaly of the Wing Venation of *Chrysopa albolineata* Killington 1935

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Greve, L. 1969. Anomaly of the wing venation of *Chrysopa albolineata* Killington 1935. *Norsk Ent. Tidsskr.* 16, 119-120.

A female *Chrysopa albolineata* Kill. with four-sided first intramedian cells in both forewings is described. *C. albolineata* has been found at three localities in south-eastern Norway.

One female *Chrysopa albolineata* Kill. 1929 collected by the author at Årö, Sandar in Vestfold, had four-sided first intramedian cells in both forewings, see Fig. 1. The specimen was netted on deciduous trees on 26 July 1969 together with specimens of *C. carnea* Steph. Another female with normal wing venation was netted on oak at the same place on 25 July.

The shape of the first intramedian cell is used as an important character to separate the genus *Chrysopa* from the genus *Notochrysa* (*Nathanica*). However, Killington (1936-1937) remarks on the occasional occurrence of abnormal *Chrysopa* specimens where four-sided cells occur. Ohm (1961) surveyed several species of *Chrysopa*, mostly from northern Germany, when looking for four-sided cells and found these more or less common in several spe-

cies. In *C. abbreviata* Curt. he found up to 31 % with four-sided cells in one or both wings, while in 33 specimens of *C. albolineata* he found one specimen where one forewing had a four-sided cell.

The present specimen otherwise looks like a normal *C. albolineata* and differs strikingly in colour, bodyform and shape of the pseudomedia from both *Notochrysa fulviceps* Steph. and *N. capitata* Fabr. to which it has been compared.

C. albolineata has twice been reported from Norway, from Akershus and inner Sogn and Fjordane by Tjeder (1944). *New records*. Vestfold: Tjôme, Kjære 24 June 1969 1 ♀ on *Picea abies* coll. A. Fjellberg. Outer Aust-Agder: Holt, Borøy 7 August 1968 1 ♀ leg. A. Fjeldså. All specimens were identified by the author.

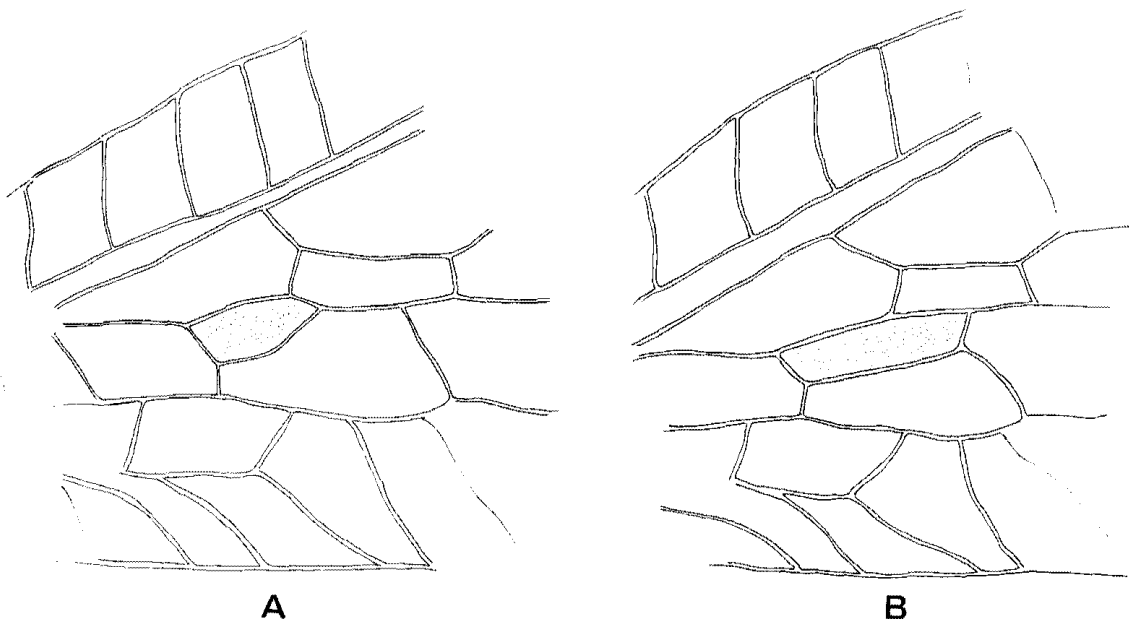


Fig. 1A. Normal wing-venation of *Chrysopa albolineata*. The first intra-median cell is stippled; B. Abnormal four-sided cell.

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