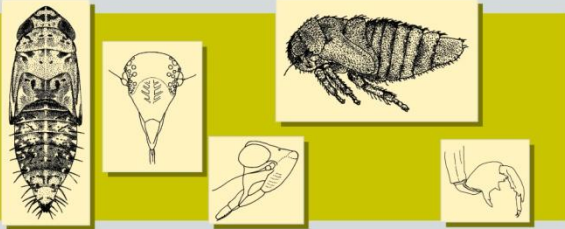


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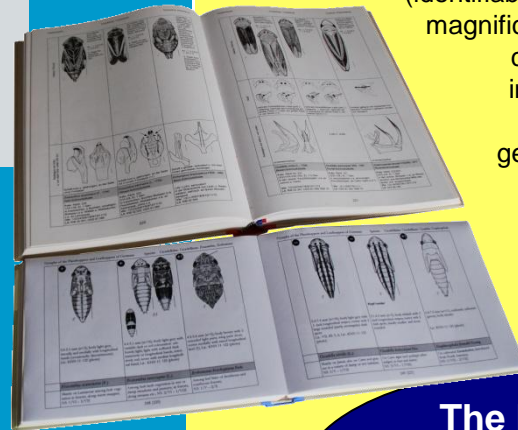
## The Nymphs of the Planthoppers and Leafhoppers of Germany



**WITAB**  
Fründ

With dual pagination enabling parallel work with the basis work by Biedermann & Niedringhaus “Die Zikaden Deutschlands” (2004, or English version 2009, respectively).

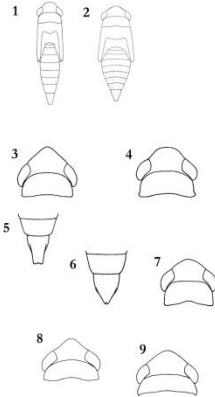
This book is rather unusual since it covers not adults, but nymphs of a rather diverse group of terrestrial insects. In this respect only few arthropod groups have been comprehensively treated. It offers richly illustrated keys that enable the identification of all 13 families and 228 genera of Auchenorrhyncha known from Germany. Further it offers images of more than 515 out of 630 recorded species showing their general appearance, faces as well as other details. Finally there is a button code indicating the ease of identification (identifiable by eye – requiring magnification – only through combined characters including host plant – impossible except to generic level), data on phenology, habitat and host plants.



**The Nymphs  
of the Planthoppers  
and Leafhoppers  
of Germany**

**Tribus Dikraneurini**

- 1 Body dorsally glabrous or at most with some hairs ..... 2
- Body dorsally with setae ..... 7
- 2(1) Body parallel-sided, slender (Fig. 1) ..... 3
- Body not parallel-sided (Fig. 2) ..... 6
- 3(2) Abdomen pilose... *Dikraneura (variata)*, p. 253
- Abdomen without hairs ..... 4
- 4(3) Body small, ≤ 2.5 mm, vertex angular (Fig. 3)..... *Wagneriata*, p. 255
- Body larger, vertex rounded (Fig. 4)..... 5
- 5(4) Base of pygofer narrow; its shape as in Fig. 5; fore margin of vertex parabolic (Fig. 4)..... *Forcipata*, p. 256
- Base of pygofer broader (mainly in ♂), shape as in Fig. 6; fore margin of vertex angularly rounded (Fig. 7)..... *Notus (flavipennis)*, p. 256
- 6(2) Body dorsally with dark small dots and a transverse bar; vertex in dorsal view as in Fig. 8..... *Liguropia (juniperi)*, p. 252
- Colouration and vertex different; Vertex in dorsal view ± obtusely angular (Fig. 9)..... *Erythria*, p. 252



**Illustrated dichotomic keys that enable the identification of all 13 families and 228 genera**

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<p>5.3-5.6 mm; (n=2); body brown with light longitudinal bands; vertex rectangular with distinct white transverse bar, anteriorly with fine black transverse line; strong setae on tergites III-VIII: 4/4/4/4/6/6; Lit.: HEL: 87: 5</p>	<p>2.2-2.9 mm (n=4); body brown with continuous light median, fore parts with line and suffused longitudinal bands; vertex acute-angular, distinctly longer than pronotum; face with dark transverse stripes; strong setae on tergites III-VIII: 4/4/4/4/6/6</p>	<p>4.3-4.7 mm; (n=41); body elongated, brown with distinct, light continuous median band; vertex elongated, acute angular; face anteriorly with broad, medially interrupted transverse bar, strong setae on tergites III-VIII: 4/4/4/4/6/6; Lit.: DMI 02: 65; DMI 04-42; KNN 11: 255 (photo)</p>
<b><i>Calamotettix taeniatus</i> (HORV.)</b>	<b><i>Praganus bofferi</i> (DLAB.)</b>	<b><i>Enantiocephalus cornutus</i> (H.-S.)</b>
On <i>Pteranotis australis</i> in wet habitats; NS: (I/VI - 2/VII)	On <i>Stipa capillata</i> in xerothermic habitats; NS: (I/VII - 1/IX)	Usually on <i>Elymus repens</i> in ± dry and open, often disturbed grasslands; NS: 2/VI - 2/VIII

**Images of more than 515 out of 630 recorded species showing their general appearance, faces as well as other details**

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