

## Einladung zum Vortrag

am Freitag, dem 30. September 2011, um 19 Uhr 15

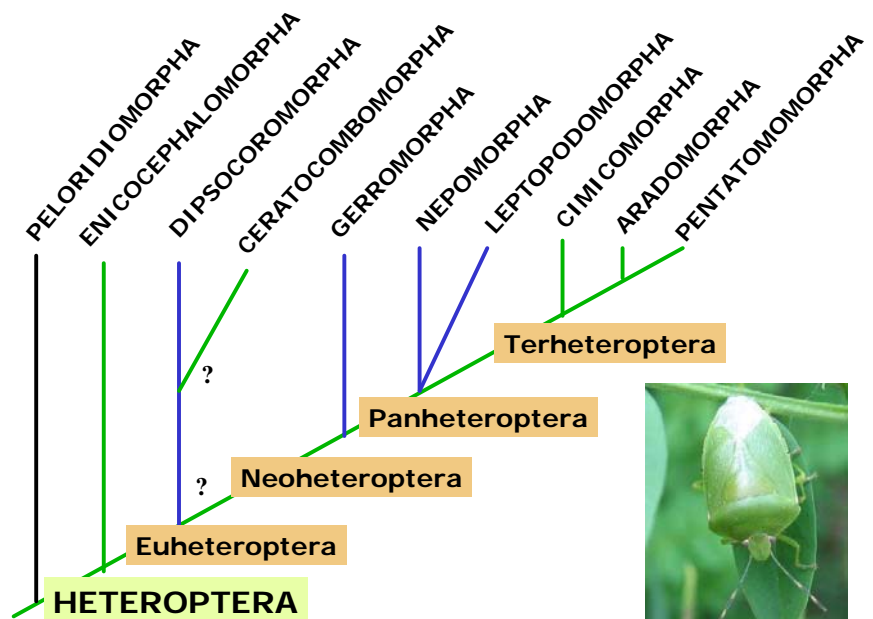
in der Volkshochschule Ottakring, Ludo-Hartmann-Platz 7, 1160 Wien

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Phylogeny and classification of the true bugs  
(Hemiptera: Heteroptera) made not so simple

ENICOCEPHALOMORPHA:  
ENICOCEPHALIDAE:  
ENICOCEPHALINAE:

*Stenopirates jeanneli* Štys  
(Nepal)



Gäste sind herzlich willkommen!

## **Abstract**

Seven infraorders of Hemiptera: Heteroptera are usually recognized. 1. **Enicocephalomorpha**; 2. Euheteroptera: 2.1. **Dipsocoromorpha**, 2.2. Neoheteroptera: 2. 2.1. **Gerromorpha**, 2.2. Panheteroptera (**Leptopodomorpha**; **Nepomorpha**; **Cimicomorpha** & **Pentatomomorpha**).

The alternatives discussed are as follows: (a) What is the basalmost sister-group of the majority of Heteroptera – the Enicocephalomorpha or Nepomorpha (Mahner)? (b) Are Dipsocoromorpha monophyletic and sister to the Euheteroptera or are they formed by two distinct clades, Dipsocoromorpha and "Ceratocombomorpha", with uncertain relationships (Štys)? (c) Are Nepomorpha monophyletic or should the Pleomorpha be excluded and its origin sought for elsewhere [Hua et al.]? (d) Are some "Thaumastocoridae" pentatomomorphans and some other cimicomorphans [Schuh et al. ]? (e) Are the Pentatomomorpha monophyletic or should the Aradomorpha be excluded and its origin sought for elsewhere [Sweet]? (f) What is the mutual relationship among Nepomorpha (s. lat.), Leptopodomorpha, and the truly terrestrial true bugs?

P. ŠTYS