



NEW RECORDS FOR THE NEUROPTEROID FAUNA OF SLOVENIA
(RAPHIDIOPTERA, NEUROPTERA)

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Abstract – The records are given for 16 rare neuropteroid spp., 9 of which are new to the fauna of Slovenia. The village of Osp represents the northernmost known locality of *Mantispa aphavexelte* U. Asp. & H. Asp. in Europe.

Izvleček – Novi podatki o favni mrežekrilcev Slovenije (Raphidioptera, Neuroptera)

Navedeni so podatki za 16 redkih vrst mrežekrilcev, od katerih je 9 novih za favno Slovenije. Osp je najsevernejše najdišče za vrsto *Mantispa aphavexelte* U. Asp. & H. Asp. v Evropi.

Introduction

Since the last publications on neuropteroid distribution in Slovenia (DEVETAK, 1984a, 1984b; MONSERRAT, 1991) some new species were brought on record (DEVETAK, 1992) and more information on the distribution of rare species has become available. Data on the wider distribution of the listed species were taken from ASPÖCK et al. (1980), ASPÖCK et al. (1991) and other publications.

RAPHIDIOPTERA

R a p h i d i d a e

Venustoraphidia nigricollis (Albarda, 1891)

Material: Boč, 620 m a.s.l. (WM42), 18. Jun. 1987, 1 ♀, D. Devetak leg. The animal was caught in a forest with *Pinus sylvestris*, *P. nigra*, *Sorbus aria*, *Ostrya carpinifolia* and *Erica carnea*.

Distribution: widespread in Europe.
New to Slovenia.

I n o c e l l i i d a e

Parainocellia (P.) braueri (Albarda, 1891)

Material: Maribor, Pekre (WM45), 11. Jun. 1991, 1 ♀, D. Devetak leg., H. Aspöck det.
Distribution: central and south-eastern Europe.
New to Slovenia.

N E U R O P T E R A

C o n i o p t e r y g i d a e

Aleuropteryx loewii Klapálek, 1894

Material: Kamnica pri Mariboru, Bresterniški vrh (WM45), 8. and 29. Jun. 1993, 2 ♂ 7 ♀ (on *Pinus sylvestris*), N. Kočev leg.
Distribution: widespread in Europe.
New to Slovenia.

Coniopteryx (C.) aspoecki Kis, 1967

Material: Malečnik (WM55), 27. May 1985, 7 ♂ (on *Salix* sp.), D. Devetak leg.; Starše (WM64), 23. Jun. 1987, 1 ♂ (on *Salix* sp.), D. Devetak leg.
Distribution: Austria, Hungary, Roumania, Asia: Jakutsk (ASPÖCK et al., 1980; SZIRÁKI, 1985; ABRÁHAM & SZIRÁKI, 1992).
New to Slovenia.

Coniopteryx (Holoconiopteryx) haematica McLachlan, 1868

Literature record for Slovenia: DEVETAK (1984a): Sečovlje (UL93).
Material (a new record): Hrastovlje (VL14), 13. Sep. 1990, 1 ♂ (on *Quercus pubescens*), D. Devetak leg.
Distribution: widespread in Europe.

Semidalis pseudouncinata Meinander, 1963

Literature record for Slovenia: DEVETAK (1984a): Sečovlje (UL93).
Material (a new record): Črni Kal (VL14), 13. Sep. 1990, 1 ♂ (on *Cupressus*), D. Devetak leg.
Distribution: widespread in southern Europe.

S i s y r i d a e

Sisyra fuscata (Fabricius, 1793)

Literature records for Slovenia: DEVETAK (1984a): Hrastovec v Slov. Goricah: jezero Komarnik (WM65); Ljubljana (VL69).

Material (new records): Gradišče v Slov. Goricah (WM65), 30. Jun. 1985, 2 ♂, D. Devetak leg.; Lenart v Slov. Goricah: jezero Komarnik (WM65), 22. Sep. 1985, 1 ♀, D. Devetak leg.; Negova: Negovsko jezero (WM76), 23. Aug. 1987, 1 ♂ 1 ♀, D. Devetak leg.; Postojna (VL36), 17. Jul. and 21. Aug. 1985, 2 ♂ 3 ♀, Bizjak leg.; Videm ob Ščavnici: Blaguško jezero (WM75), 14. Sep. 1986, 1 ♀, D. Devetak leg.

Distribution: widespread in Europe.

Sisyra terminalis Curtis, 1854

Literature records for Slovenia: DEVETAK (1984a): Dobrava pri Kostanjevici (WL27); Ljubljana (VL69); Murska Sobota (WM96); Stari trg ob Kolpi, Dol (WL03); Vinica (WL23).

Material (new records): Lenart v Slov. Goricah: jezero Komarnik (WM65), 20. Jun. 1986, 1 ♂, D. Devetak leg.; Maribor (WM55), 3. Sep. 1988, 1 ♂, 21. Jun. 1990, 1 ♂, 5. Sep. 1991, 1 ♀, D. Devetak leg.; Petišovci (XM15), 10. Sep. 1988, 1 ♂, D. Devetak leg.; Postojna (VL36), 17. Jul. 1985, 1 ♂, 21. Aug. 1985, 1 ♂ 2 ♀, Bizjak leg.

Distribution: widespread in Europe.

M a n t i s p i d a e

Mantispa styriaca (Poda, 1761)

Literature records for Slovenia: DEVETAK (1984a): Cerčno, Sovodenj – Podjelovo Brdo (VM20); Ljubljana and Podutik near Ljubljana (both records before 1950!); Sežana (VL16); Povir pri Sežani (VL16); Šempeter pri Novi Gorici (UL98); Trbovlje (WM01); Vinica (WL23); Žitkovci (XM06).

Material (new records): Kamnica pri Mariboru, Bresterniški vrh (WM45), 25. Jun. 1986, 1 ♂, D. Devetak leg., 17. Jun. and 8. Jul. 1993, 2 ♀, N. Kočev leg., Komen, Brje (VL07), 16. Jul. 1989, 1 ♀, M. Gogala leg.; Polenšak, Dornava (WM74), 1. Jul. 1993, 1 ♀, S. Kaligarič leg.; Stara gora pri Šentilju (WM46), 16. Aug. 1986, 1 ♀, V Lesjak leg.

Distribution: widespread in central and southern Europe.

Mantispa aphavelte U. Aspöck & H. Aspöck, 1994

(*Mantispa mandarina* auct.)

Material: Osp (VL14), 29. Aug. 1990, 1 ♀; Sočerga, Mlini (VL13), 27. Aug. 1990, 1 ♀.

Distribution: southern Europe, Morocco and Asia.

New to Slovenia. Osp is the northernmost locality in Europe.

H e m e r o b i i d a e

Wesmaelius (Kimminsia) ravus (Withycombe, 1923)

Material: Boč, 620 m a.s.l. (WM42), 18. Jun. 1987, 1 ♂ (on *Pinus* sp.), D. Devetak leg.

Distribution: widespread in Europe, rare.

New to Slovenia.

***Hemerobius (H.) simulans* Walker, 1853**

Material: Tržič, Grahovše (VM43), 8. Oct. 1981, 1 ♀, I. Sivec leg.

Distribution: widespread in Europe.

New to Slovenia.

***Hemerobius (H.) gilvus* Stein, 1863**

Literature records for Slovenia: DEVETAK (1984a): Črni Kal (VL14); Povir pri Sežani (VL16); Trbovlje (WM01).

Material (new records): Črni Kal (VL14), 13. Sep. 1990, 1 ♂ (on *Quercus pubescens*), D. Devetak leg.; Hrastovlje (VL14), 13. Sep. 1990, 1 ♂ (on *Quercus pubescens*), D. Devetak leg.; Osp (VL14), 29. Aug. 1990, 1 ♂.

Distribution: widespread in warmer parts of Europe and Anatolia.

***Micromus (Nesomicromus) lanosus* (Zeleny, 1962)**

Material: Kamnica pri Mariboru, Bresterniški vrh (WM45), 17. Jun. 1993, 1 ♂ 1 ♀ (on *Tilia cordata*), N. Kočev leg.

Distribution: widespread in Europe, rare.

New to Slovenia.

C h r y s o p i d a e

***Italochrysa italica* (Rossi, 1790)**

Material: Sočerga, Mlini (VL13), 12. Aug. 1990, 1 ♀.

Distribution: common in the Mediterranean.

New to Slovenia.

***Mallada inornatus* (Navás, 1901)**

Literature records for Slovenia: DEVETAK (1984a): Podčetrtek (WM41); Lenart v Slov. Goricah: jezero Komarnik (WM65).

Material (a new record): Sočerga, Mlini (VL13), 29. Jun. 1990, 1 ♂, B. Horvat & I. Sivec leg.

Distribution: Austria, France, Germany, Greece (Corfu), Spain (ASPÖCK et al., 1980; HYND, 1983; TRÖGER, 1990).

Acknowledgements

I am very grateful to Professor Dr H. Aspöck (Vienna) for identification of *Parainocellia braueri* and to all collectors for giving the specimens for study.

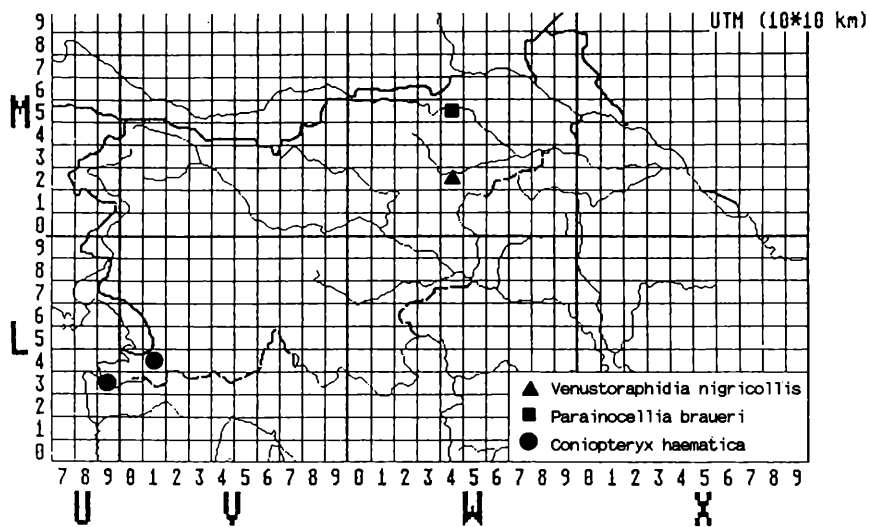


Fig. 1: Distribution of *Venustoraphidia nigricollis*, *Parainocellia braueri* and *Coniopteryx haematica*

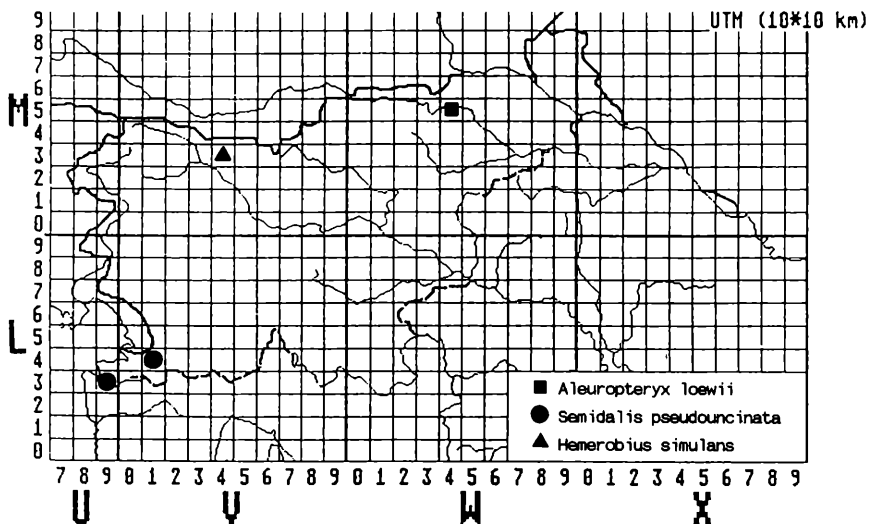


Fig. 2: Distribution of *Aleuropteryx loewii*, *Semidalis pseudouncinata* and *Hemerobius simulans*

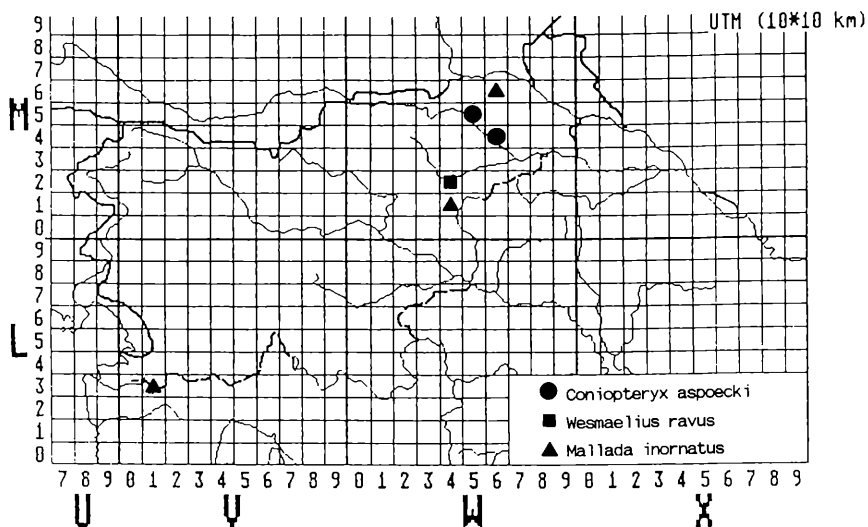


Fig. 3: Distribution of *Coniopteryx aspoeki*, *Wesmaelius ravus* and *Mallada inornatus*

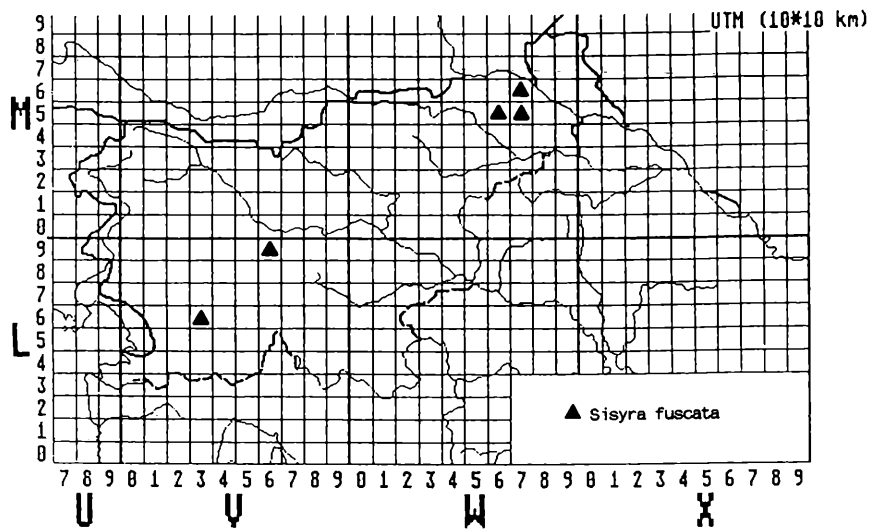


Fig. 4: Distribution of *Sisyra fuscata*

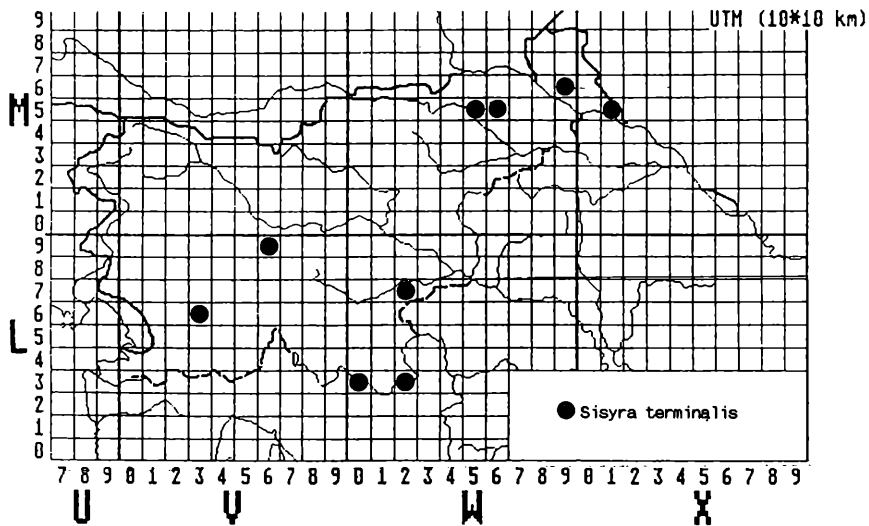


Fig. 5: Distribution of *Sisyra terminalis*

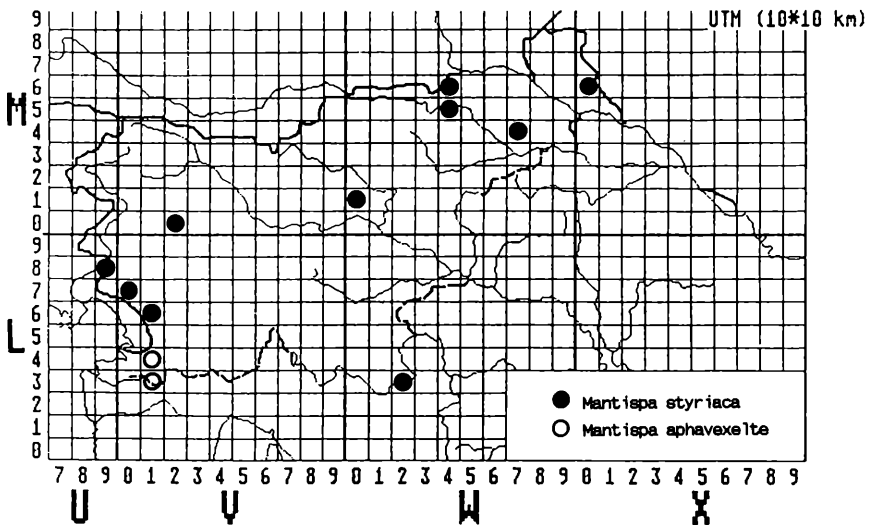


Fig. 6: Distribution of *Mantispa styriaca* and *Mantispa aphavexelte*

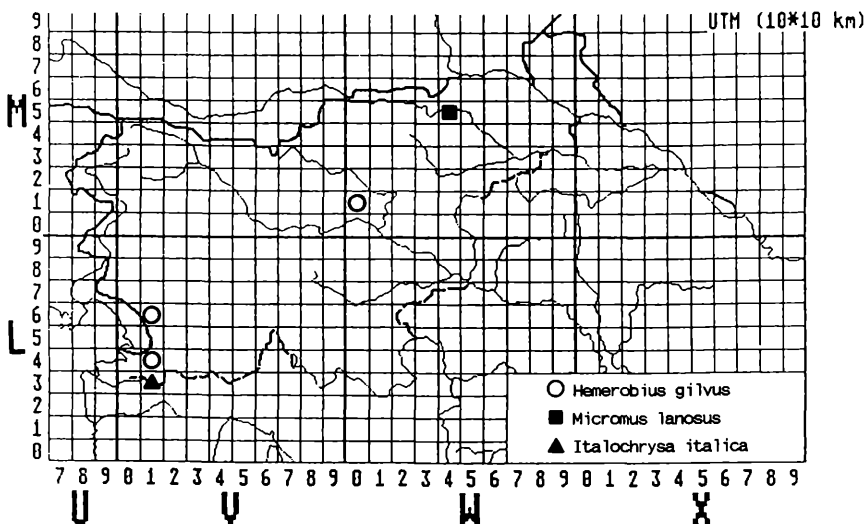


Fig. 7: Distribution of *Hemerobius gilvus*, *Micromus lanosus* and *Italochrysa italica*

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Zoologisch-Botanische Datenbank/Zoological-Botanical Database

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Zeitschrift/Journal: [Acta Entomologica Slovenica](#)

Jahr/Year: 1995

Band/Volume: [3](#)

Autor(en)/Author(s): Devetak Dušan

Artikel/Article: [New records for the Neuropteroid fauna of Slovenia \(Raphidioptera, Neuroptera\). Novi podatki o favni mreÅžekrilcev Slovenije \(Raphidioptera, Neuroptera\). 49-57](#)