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Research interest. The main part of my research has focused on parasitoid and parasitic insects from the orders **Coleoptera** and **Strepsiptera**, including understanding of their biological and ecological requirements. I have been working on the taxonomy of both extant and fossil wedge-shaped beetles

Ripiphoridae

(Coleoptera), notably of the subfamily

Ripiphorinae

which members are obligatory parasitoids of wasps and bees with emphasis on their distribution and host-associations. In addition, I am also interested in taxonomy, faunistics, behaviour and bionomics of the suborder

Stylopidia

(Strepsiptera) – also obligatory parasites of wasps and bees.

Projects/Grants/Collections. In 1992 I participated in research of invertebrates of the Pálava

Biosphere Reserve – namely of Stylopidae (Strepsiptera) and Meloidae (Coleoptera):

Batelka

J., 1993:

Report for the Administration of the Pálava Biosphere Reserve, Mikulov (MS), 4 pp.

(Deposited in the Administration of PBR).

Since 2006 till 2011 I participated in the “UAE Insect Project” led by Antonius van Harten. The project was established by His Royal High Sheikh Tahnoun Bin Zayed al Nahyan in order to research arthropod biodiversity of the United Arab Emirates.

In 2008 I was awarded by SYNTHESYS grant (Synthesis of systematic resources, application GB-TF-4043) to study collection of Ripiphoridae housed in The Natural History Museum (London).

My collection of Palaearctic Aculeata (about 5000 specimens) is deposited in Národní Muzeum, Praha.

Presentations, seminars (selection from the last years)

Batelka J., Straka J. & Malenovský I. 2005: *Řasníci čeledí Xenidae a Stylopidae (Insecta: Strepsiptera) – parazitoidi žahadlových blanokřídlých (Hymenoptera: Aculeata) v České republice, pp. 2-3*. In: Dvořák L. & Bogusch P. (eds.): *Žahadloví blanokřídlí v českých zemích a na Slovensku 1. Sborník z konference, Univerzita Karlova v Praze, 9.-10. června 2005. Univerzita Karlova v Praze, Přírodovědecká fakulta, Katedra filosofie dějin přírodních věd, Praha & Správa NP a CHKO Šumava, Útvar vědy a výzkumu, Kašperské Hory, 20 pp.* [
Strepsiptera of the families Xenidae and Stylopidae (Insecta: Strepsiptera) – a parasitoids of aculeate hymenopterans (Hymenoptera: Aculeata) in the Czech Republic.
]

Batelka J. 2006 (February) – 'Řasnokřídlí (*Strepsiptera*) – (ne)přehlédnutelný hmyzí řád'
Přednáškový den České společnosti entomologické.

[
Strepsiptera – a remarkable insect order
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Batelka J. 2011: *Primary larvae of some Ripiphorinae: their phoresy and dispersal (Coleoptera: Ripiphoridae)*

. P. 733–735. In:

Fikáček M., Skuhrovec J. & Šípek P

. (eds.): Abstracts of the Immature Beetles Meeting 2011, September 29–30, Prague, Czech Republic.

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: 731–756.

Selection of papers dealing with parasites or parasitoids of Aculeata

1. Batelka J. 2000: Příspěvek k poznání bionomie a rozšíření dvou druhů podčeledi Paussinae (Coleoptera: Carabidae) v Maroku a Tunisku. (A contribution to the knowledge of the bionomics and distribution of two species of the subfamily Paussinae (Coleoptera: Carabidae) in Morocco and Tunisia). *Klapalekiana* **36**: 217–223.

2. Batelka J. 2003: New synonyms and notes on the distribution of *Macrosiagon bipartitum* and *Macrosiagon cyaniveste* (Coleoptera: Ripiphoridae). *Acta Societatis Zoologicae Bohemicae* **67**: 59–63.

3. Batelka J. 2003: New synonym and notes on the distribution of *Metoecus javanus* (Coleoptera: Ripiphoridae). (Nové synonymum a poznámky k rozšíření druhu *Metoecus javanus* (Coleoptera: Ripiphoridae)). *Klapalekiana* **39**: 199–203.

4. Batelka J. 2004: Contribution on the synonymy of Palaearctic and Oriental species of Macrosiagon. (Coleoptera: Ripiphoridae). Part II. *Acta Societatis Zoologicae Bohemicae* **68**: 9–13.
5. Batelka J. 2004: Redescription of *Diaphorocera carinicollis* Chobaut, 1921 (Coleoptera: Meloidae). *Bulletin de la Société entomologique de France* **109**: 459–460.
6. Batelka J. & Straka J. 2005: Výskyt *Xenos vesparum* a *Pseudoxenos heydeni* (Strepsiptera: Xenidae) v České republice. (Occurrence of *Xenos vesparum* and *Pseudoxenos heydeni* (Strepsiptera: Xenidae) in the Czech Republic). *Klapalekiana* **41**: 1–9.
7. Batelka J. & Straka J. 2005: Several records of Xenidae and Stylopidae from the West Palaearctic region (Strepsiptera). *Bulletin de la Société entomologique de France* **110**: 403–406.
8. Batelka J., Straka J., Malenovský I. & Lauterer P. 2005: Strepsiptera (řasnokřídlí), pp. 559–561. In: Farkač J., Král D. & Škorpík M. (eds.): Červený seznam ohrožených druhů České republiky. Bezobratlí. (Red list of threatened species in the Czech Republic. Invertebrates). Agentura ochrany přírody a krajiny ČR, Praha, 760 pp.
9. Batelka J. 2006: New synonymies in the family Ripiphoridae (Coleoptera) from Malaysia. *Folia Heyrovskyana*, Serie A, **13 (2005)**: 195–199.
10. Batelka J., Collomb F.-M. & Nel A. 2006: *Macrosiagon deuvei* n. sp. (Coleoptera: Ripiphoridae) from the French Eocene amber. *Annales de la Société entomologique de France*, (n. s.) **42**: 75–78.

11. Straka J., Malenovský I. & Batelka J. 2006: The genus *Halictoxenos* (Strepsiptera, Stylopidae) in the Czech Republic and Slovakia. *Acta Musei Moraviae, Scientiae Biologicae* **91**: 69–82.
12. Batelka J. 2007: Taxonomy and distribution of Palaearctic and Oriental species of the genus *Macrosiagon* (Coleoptera: Ripiphoridae). Part III. *Bulletin de la Société entomologique de France* **112**: 239–248.
13. Batelka J. & Hoehn P. 2007: Report on the host-associations of the genus *Macrosiagon* (Coleoptera: Ripiphoridae) in Sulawesi (Indonesia). *Acta Entomologica Musei Nationalis Pragae* **47**: 143–152.
14. Batelka J. 2007: Ripiphoridae (Coleoptera) of Greece and Turkey with notes on their distribution in the Eastern Mediterranean and some neighbouring countries. *Acta Musei Moraviae, Scientiae Biologicae* **92**: 155–175.
15. Batelka J. 2008: Order Coleoptera, family Ripiphoridae, pp. 254–256. In: Harten A. van (ed.): *Arthropod fauna of the United Arab Emirates*, Volume 1. Dar Al Ummah Printing, Publishing, Distribution & Advertising, Abu Dhabi, 754 pp.
16. Batelka J. & Straka J. 2008: Order Strepsiptera, family Stylopidae, pp. 325–326. In: Harten A. van (ed.): *Arthropod fauna of the United Arab Emirates*

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Volume 1

. Dar Al Ummah Printing, Publishing, Distribution
& Advertising, Abu Dhabi, 754 pp.

17. Batelka J. 2008: Family Ripiphoridae Gemminger & Harold, 1870, pp. 29, 73–78. In: Löbl I.
&
Smetana
A. (eds.):
Catalogue of Palaearctic Coleoptera, Volume 5. Tenebrionoidea
. Apollo Books, Stenstrup, 670 pp

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errata].

18. Batelka J. 2008: Taxonomy of Palaearctic and Oriental species of the genus *Macrosiagon*.
Part IV – addenda (Coleoptera: Ripiphoridae). *Bulletin de la Société*
entomologique de France **1**
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: 149–153.

19. Batelka J. & Geisthardt M. 2009: Order Coleoptera, family Meloidae, pp. 187–206. In: Hart
en
A. van (ed.):
Arthropod fauna of the United Arab Emirates

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Volume 2

. Dar Al Ummah Printing, Publishing, Distribution
& Advertising, Abu Dhabi, 786 pp.

20. Batelka J. 2009: A new species of the genus *Ripiphorus* Bosc, 1791 (Coleoptera:
Ripiphoridae: Ripiphorinae) from the Arabian Peninsula. *Fauna of Arabia* **2**
4 :
155–161.

21. Batelka J. 2010: A review of Ripiphoridae in the Arabian Peninsula (Coleoptera:

Tenebrionoidea) . *Acta*
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: 157–166.

22. Batelka J. & Straka J. 2011: *Ripiphorus caboverdianus* sp. nov.—the first ripiphorid record from the Macaronesian volcanic islands (Coleoptera: Ripiphoridae: Ripiphorinae).
Zootaxa
2792
: 51–62.

23. Straka J., Rezková K., Batelka J. & Kratochvíl L. 2011: Early nest emergence of females parasitized by Strepsiptera in protandrous bees (Hymenoptera: Andrenidae).
Ethology Ecology & Evolution
23
: 97–109.

24. Batelka J. 2011: Contribution to the synonymies, distributions, and bionomics of the Old World species of *Macrosiagon* (Coleoptera: Ripiphoridae). *Acta*
Entomologica Musei Nationalis Pragae
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: 587–
626.