

ALEXEY A. POLILOV

CURRICULUM VITAE

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DATE OF BIRTH: 22 June 1981

BIRTHPLACE: Moscow, Russia

CITIZENSHIP: Russian

MARITAL STATUS: married

CONTACTS

Work:

Department of Entomology
Biological faculty
Moscow State University
Leninskie gory 1, Moscow
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CURRENT POSITION

Researcher, Department of Entomology, Biological Faculty, Lomonosov Moscow State University (Russia).

RESEARCH INTERESTS

Miniaturization of the insect. Functional morphology of smallest insects (Coleoptera: Ptiliidae, Corylophyidae; Hymenoptera: Mymaridae, Trichogrammatidae). Taxonomy, systematics and phylogeny of feather-wing beetles (Coleoptera: Ptiliidae).

EDUCATION

2007 Candidate degree (PhD), Lomonosov Moscow State University, Russia.

2003 Diploma of Zoology, Lomonosov Moscow State University, Russia
(biological faculty department of entomology).

1998 Biological high school, Moscow, Russia.

AWARDS

2004 Ministry of Science and Education of Russia.

2005 Government of Russia.

2006 President of Russia.

2010 Lomonosov Moscow State University.

GRANTS

2007-2009 Russian fund of basic research (900000 ₺, in collaboration)

2008 Alexander von Humboldt foundation (15000 €)

2008-2009 Alexander von Humboldt return fellowship (6500 €)

2009 Alexander von Humboldt equipment foundation (20000 €)

2010-2011 Grant of Russian President (1200000 ₺)

2010-2012 Russian fund of basic research (1200000 ₺, in collaboration)

SOCIETY MEMBERSHIPS

- Moscow Society of Naturalists (2001-present)
- Russian Entomological Society (2006-present)

SCIENTIFIC CONFERENCES

- XI-th Lomonosov international congress of young scientist, Moscow, Russia, April 2004.

- XII-th Lomonosov international congress of young scientist, Moscow, Russia, April 2005.
- XIII-th Lomonosov international congress of young scientist, Moscow, Russia, April 2006.
- VIIIth European Congress of Entomology, Izmir, Turkey, September 2006.
- International symposium of Hymenopterology, Moscow, Russia, September 2006.
- XIII-th Congress of Russian Entomological Society, Krasnodar (Russia), September 2007.
- 101-th Annual meeting of Deutschen Zoologischen Gesellschaft, Jena, September 2008.
- II International practical-science Internet-conference "The present-day questions of entomology", Stavropol, March 2009

TEACHING EXPERIENCE:

Field practice in Entomology, Lomonosov Moscow State University (2005-2010).

Entomology, lecture and practical lessons, Moscow State Regional University (2006).

Microscopical and histological study of Insects, lecture and practical lessons, Lomonosov Moscow State University (2006-2009).

Molecular phylogeny and genetic systematics, practical lessons, Lomonosov Moscow State University (2007-2009).

Leadership of student degree work, Lomonosov Moscow State University (2008-2010)

FIELD EXPERIENCE

About 650 days of field-work in Russia, Ukraine, Uzbekistan, Kyrgyzia, Turkey, Malta, Iran, India, Vietnam, Dominican.

PUBLICATIONS

1. Polilov A.A. 2003. Fauna of the featherwing beetles (Coleoptera: Ptiliidae) of Moscow region [Фауна жуков-перистокрылок (Coleoptera: Ptiliidae) Московской области] // Bolletin MOIP 108(5), 11-17 (in Russian).
2. Polilov A.A., Perkovsky E.E. 2004. New species of Late Eocene Feather-winged beetles (Coleoptera, Ptiliidae) from Rovno and Baltic Amber // Paleontological Journal 38(6), 664-668.
3. Polilov A.A. 2004. Anatomical limits of miniaturization in insects by the example of the smallest Coleoptera [Анатомические пределы миниатюризации насекомых на примере мельчайших жесткокрылых] // Zeiss today 25, 2 (in Russian).
4. Polilov A.A. 2004. Structural limits of miniaturization in insects by the example of the smallest Coleoptera [Морфологические пределы миниатюризации насекомых на примере мельчайших жесткокрылых] // Theses of the XI-th Lomonosov international congress of young scientist, Moscow, Russia, April 2004, 126-127 (in Russian).
5. Polilov A.A., Bibin A. 2004. An introduction to the Ptiliidae (Coleoptera) of the Caucasian reserve with the description of new and little known species // Russian Entomological Journal 13(3), 1-5.
6. Polilov A.A. 2005. Limits to insects miniaturization [Пределы миниатюризации насекомых] // XII Lomonosov international congress of young scientist, Moscow, Russia, April 2005, 178-179 (in Russian).
7. Polilov A.A. 2005. Anatomy of feather-winged beetles and miniaturization of the Insects [Анатомия жуков-перистокрылок и миниатюризация насекомых] // Transactions celebrating the 250th of Moscow State University, 7-12 (in Russian).
8. Polilov A.A. 2005. Anatomy of the feather-winged beetles *Acrotrichis montandoni* and *Ptilium myrmecophilum* (Coleoptera, Ptiliidae) // Entomological review 85(5), 467-475.
9. Polilov A.A. 2006. Volume of inner organs of smallest Coleoptera with special reference to effects of miniaturization [Объем внутренних

10. Polilov A.A. 2006. Limits to insects miniaturization by the example of the smallest Coleoptera // VIIIth European Congress of Entomology, Izmir, Turkey September 17-22, 2006, supplementary abstract book, 15.
11. Polilov A.A. 2006. Structural features of the Mymaridae related to miniaturization [Морфологические особенности Мymaridae связанные с миниатюризацией] // Theses of the International simposium of Hymenopterology, Moscow, Russia, september 2006, 69 (in Russian).
12. Polilov A.A. 2007. Miniaturization-related structural features of Mymaridae [Морфологические особенности Мymaridae связанные с миниатюризацией] // Studies on hymenopterous insect. Collection of scientific papers. Moscow, KMK, 50-64 (in Russian).
13. Polilov A.A. 2008. Anatomy of the smallest of the Coleoptera, Feather-winged beetles from tribe Nanosellini (Coleoptera, Ptiliidae) and limits to Insect miniaturization // Entomological review 88(1), 26-33.
14. Polilov A. 2008. Volume of organs and limits to insect miniaturization // Jahresversammlung der Deutschen Zoologischen Gesellschaft vom 19. - 22. September 2008 in Jena. Abstracts. p. 162.
15. Polilov A.A. 2008. An introduction to the Ptiliidae (Coleoptera) of Primorskiy region with descriptions of three new genera, new and little known species // Russian Entomol. J. 17(2), 149–176
16. Polilov A.A. Beutel R.G. 2009. Miniaturization effects in larvae and adults of *Mikado* sp. (Coleoptera: Ptiliidae), one of the smallest free-living insects // Arthropod Structure and Development 38, 247-270.
17. Polilov A.A. 2009. Changes in relative volume of organs during postnatal development of one of the smallest insect - *Micado* sp. (Coleoptera: Ptiliidae) and limit of miniaturization in insects [Изменение относительного объема органов в ходе постнатального развития одного из мельчайших насекомых - *Mikado* sp. (Coleoptera: Ptiliidae) и пределы миниатюризации насекомых] // Works of the Stavropol department of Russian entomological society 5, 25-29 (in Russian).

18. Polilov A.A. 2009. Ptiliidae // in Insects of Lazovsky natural reserve. Vladivostok: Dalnauka. 114-116. [Семейство Ptiliidae – Перокрылки] (in Russian).
19. Polilov A.A. Beutel R.G. 2010. Developmental stages of the hooded beetle *Sericoderus lateralis* (Coleoptera: Corylophidae) with comments on the phylogenetic position and effects of miniaturization // Arthropod Structure and Development 39 (1), 52-69.

INTERNET PROJECTS

1. Polilov A., Johnson C., 2004. Ptiliidae. Fauna Europaea version 1.2 - <http://www.faunaeur.org>
2. Polilov A.A. Atlas of Ptiliidae, Corylophidae и Clambidae (SEM) - <http://www.zin.ru/Animalia/Coleoptera/rus/polilov1.htm>