# Yu. A. Pesenko's research while affiliated with Russian Academy of Sciences and other places

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**Publications (21)**

### A taxonomic study of the bee genus Evylaeus Robertson of Eastern Siberia and the Far East of Russia (Hymenoptera: Halictidae)

Article

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Zoosystematica Rossica

Yu.A. Pesenko

The paper presents the results of a taxonomic study of the bees of the genus Evylaeus mostly deposited at the Zoological Institute of the Russian Academy of Sciences (St. Petersburg) and the Institute of Biology and Soil Sciences of the Russian Academy of Sciences (Vladivostok). The new...

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### Key to the insects of Russian Far East. Family Halictidae

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Yu. A. Pesenko · Yulia V Astafurova · Vladimir Radchenko

In the Palearctic lives about 950 species from 23 genera of Halictidae; in Eastern Palearctic - 200 species from 16 genera. Identification keys for the genera and species of Halictidae of the Russian Far East with a brief notes on the biology of the studied species are provided. Yu.V. Astafurova ha...

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## Bees of the subfamily Nomiinae (hymenoptera: halictidae) in Russia and adjacent countries: an annotated list

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February 2006 · 1,139 Reads · 18 Citations

Entomological Review

Yulia V Astafurova · Yu. A. Pesenko

Results of the study of over 10 thousand specimens of Nomiinae, mostly from the collection of the Zoological Institute of Russian Academy of Sciences (St. Petersburg). Two new synonyms are ascertained: Nomia inermis Morawitz, 1894 = Nomia orientana Warncke, 1976, syn. n. = Pseudapi...

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## Yu.A. Pesenko, Yu.V. Astafurova. Contributions to the halictid fauna of the Eastern Palaearctic Region: subfamily Rophitinae (Hymenoptera: Halictidae). – Entomofauna, 2006, Bd 27, H.27. P. 317-356.

Article Full-text available

January 2006 · 488 Reads

Yulia V Astafurova · Yu.A.Pesenko

The paper presents the results of the taxonomic study of the bees of the subfamily Rophitinae. A new species, Trilia kerzhneri, from Mongolia is described. The lectotypes of Epimethea nana MORAWITZ, 1880 and Rophites cana EVERSMANN, 1852 are designated. Rophites gruenwaldti...

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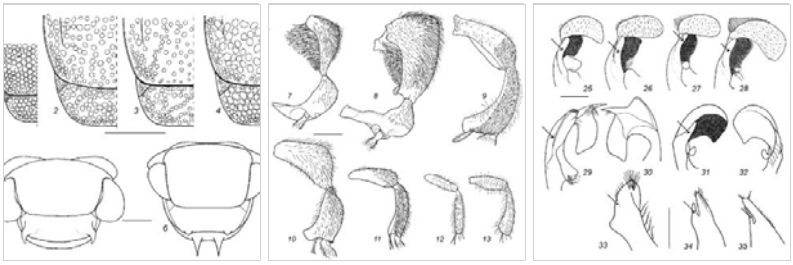

## Contributions to the halictid fauna of the Eastern Palaearctic Region: subfamily Nomiinae (Hymenoptera: Halictidae).

Article Full-text available

November 2005 · 422 Reads · 34 Citations

Yulia V Astafurova · Yu A Pesenko

The paper presents the results of the taxonomic study of the bees of the subfamily Nomioidinae mostly deposited at the Zoological Institute of the Russian Academy of Sciences (St. Petersburg). A total of nine species were found in the Eastern Palaearctic Region. A key to species is given. An...

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## CONTRIBUTIONS TO THE HALICTID FAUNA OF THE EASTERN PALAEARCTIC REGION: GENUS HALICTUS LATREILLE (HYMENOPTERA: HALICTIDAE, HALICTINAE)

Article

January 2005 · 196 Reads · 38 Citations

Zoosystematica Rossica

Yu. A. Pesenko

The paper presents the results of the taxonomic study of the bees of the genus Halictus s. str. mostly deposited at the Zoological Institute of the Russian Academy of Sciences (St. Petersburg), Institute Biology and Soil Science of the Russian Academy of Sciences (Vladivostok), and Institute...

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## A new species of the bee genus Nomioides Schenck from Afghanistan (Hymenoptera: Halictidae)

Article

December 2004 · 3 Reads · 1 Citation

Zoosystematica Rossica

Yu.A. Pesenko

Nomioides bactrianaia sp. n. is described from a single male from Quandahar (Afghanistan). The

Nomiodes bactriensis sp. n. is described from a single male from Quandahar (Afghanistan). The new species is similar to N. chalybeatus Blüthgen differing from the latter in the dull metallic green coloration of the head and mesosoma and the structure of the male terminalia.

### The phylogeny and classification of the tribe Halictini, with special reference to the Halictus genus-group (Hymenoptera: Halictidae)

Article

December 2004 · 50 Reads · 25 Citations

Zoosystematica Rossica

Yu.A. Pesenko

The monophyly of the cosmopolitan tribe Halictini, including over 2300 currently recognized species, is supported by at least a single manifested synapomorphy shared by all members of the tribe: metasomal tergum VII of the male is modified; this forms a transverse ridge giving a false...

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### Eusociality in halictine bees: phylogenetic origins, occurrence and evolutionary stages

Conference Paper Full-text available

December 1996 · 108 Reads · 1 Citation

Yu. A. Pesenko · Vladimir Radchenko

[1] Introduction: occurrence of eusocial species in various taxa of the subfamily Halictinae; a list of known eusocial species of Halictini, p. 311, and Augochlorini, p. 312, Table 1. [2] How many times did the eusociality arise in halictine bees? The 4 main arguments against a single origin of it are...

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Citations (13)

Три пробні площі закладено у Дніпропетровській та Запорізькій областях, на схилах

... три пробні площі закладено у Дніпропетровській та Запорізькій областях, на схилах давніх балок, укритих ковиловокострицево-різнотравними асоціаціями з домінуванням Koeleria gracilis, Linum hirsutum, Thymus marschalianus, Artemisia austriaca, Salvia nutans. Пробні ділянки та їх розмір обирали за рекомендаціями Ю. А. Песенка зі співавторами [8] . ...

Reference: *Розвиток трофічної складової консортивних зв'язків синявців (Lepidoptera, Lycaenidae) із...*

## Экология опыления Strigosella grandiflora и Erysimum badghysi (Brassicaceae) пчелиными (Hymenoptera, Apoidea) в Бадхызе: измерение напряженности конкурентных отношений

Citing Article | Full-text available | November 1980

Yu. A. Pesenko · Vladimir Radchenko · M. S. Kaygorodova

... This species is sometimes referred to as Halictus compressus (Walckenaer, 1802) (Pesenko 1985 (Pesenko , 2004 Ghisbain et al. 2023). This case is complicated and, in our opinion, not yet resolved in a satisfactory manner. ...

Reference: *Annotated checklist of the Swiss bees (Hymenoptera, Apoidea, Anthophila): hotspots of diversi...*

## The phylogeny and classification of the tribe Halictini, with special reference to the Halictus genus-group (Hymenoptera: Halictidae)

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Yu.A. Pesenko

... One of these, the sexstrigatus group, includes over 30 species and is diverse in eastern Asia (Pesenko 2007b; Murao et al. 2010). This group is mainly characterised by the female metasomal terga with distinct fimbriae on the lateral-apical margin and the male head with a size-linked gigantism with genal process . ...

Reference: *Redefinition of the sexstrigatus group of Lasioglossum (Hemihalictus) Cockerell, 1897...*

## A taxonomic study of the bee genus Evylaeus Robertson of Eastern Siberia and the Far East of Russia (Hymenoptera: Halictidae)

Citing Article | June 2007

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Yu.A. Pesenko

... This genus has great diversity worldwide and is known to be an important pollinator of

... This genus has great diversity worldwide and is known to be an important pollinator of some plants, specifi cally grasses (Pauly 2014a). The status of this genus has been subjected to changes several times (Pauly 1984a(Pauly , 2009(Pauly , 2014a Astafurova & Pesenko 2005; Michener 2007;Huang 2008;Niu et al. 2018). A compilation of all available literature indicated that Lipotriches was represented by 47 species from the Oriental region, but Pauly 2009;2014b, elevated many of the subgenera to genus rank due to which currently only 28 species are represented from the Oriental Region, among which only 17 are reported from India. ...

Reference: *First record of Lipotriches (Rhopalomelissa) burmica from India along with a checklist of specie...*

## Contributions to the halictid fauna of the Eastern Palaearctic Region: subfamily Nomiinae (Hymenoptera: Halictidae).

Citing Article | Full-text available | November 2005

 Yulia V Astafurova · Yu A Pesenko

... Distribution Sex (association) Wings 2r-rs&Rs vein L. agraensis Kurian, 1955 Oriental ♀ macropterous short L. akares Barbosa and Azevedo, 2009 Madagascan ♂♀ (morphology) macropterous short L. anfractuosus Benoit, 1952 Saharo-Arabian ♀ macropterous short L. anthrenivorus Trani, 1909 Palaearctic ♂♀ (?) macropterous short L. antropovi Gorbatovsky, 1995 Palaearctic ♀ macropterous short L. arryni Barbosa and Azevedo, 2014 Neotropical ♂ macropterous long L. baratheoni Barbosa and Azevedo, 2014 Neotropical ♂ macropterous long L. billi Barbosa and Azevedo, 2014 Neotropical ♀ macropterous long L. bipartitus Kieffer, 1906 (in Kieffer andMarshall, 1904) Palaearctic ♂ macropterous long L. borealis ( Vikberg and Koponen, 2005) Palaearctic ♂♀ (morphology) macropterous short L. brachistos Barbosa and Azevedo, 2010 Saharo-Arabian ♂♀ (morphology) macropterous stub L. canchinensis ( Azevedo, 1992) Neotropical ♀ macropterous long L. centratus (Say, 1836) Nearctic, Neotropical ♂♀ (reared) macropterous short L. elisae Russo, 1938 Palaearctic ♂♀ (?) macropterous short L. femoralis ( Förster, 1856) Palaearctic ♂ macropterous short L. firmipennis ( Cameron, 1905) Afrotropical ♂♀ (molecular) macropterous stub L. foveaticeps ( Rosmann and Azevedo, 2005) Neotropical ♂ macropterous long L. fulvipes Kieffer, 1906 (in Kieffer andMarshall, 1904) Palaearctic ♀ macropterous short L. fumimarginalis (Vikeberg and Koponen, 2005) Palaearctic ♂♀ (morphology) macropterous short L. gracilis Nearctic, Neotropical ♂♀ (morphology) macropterous long L. haplos Barbosa and Azevedo, 2011 Australian ♀ macropterous absent L. hirticulus Neotropical ♀ macropterous long L. huachucae Nearctic ♀ macropterous long L. jilinensis Lee, 2010 ( Lim et al., 2010) Sino-Japanese ♀ macropterous short Barbosa and Azevedo, 2014 Neotropical ♂ macropterous long L. maboya ( Snelling, 1996) Neotropical ♂♀ (morphology) macropterous long L. macfarlanei Ward, 2013 Australian ♀ macropterous long L. martelli Barbosa and Azevedo, 2014 Neotropical ♂ macropterous long L. mekes Barbosa and Azevedo, 2009 Madagascan ♀ macropterous long L. mellipes Nearctic ♀ macropterous long L. mesitioides ( Duchaussoy, 1916( Duchaussoy, [1914) ...

Reference: *Insights into the systematics of Afrotropical Laelius (Hymenoptera, Bethylidae): combining...*

## Family Halictidae. Key to the insects of Russian Far East.

Citing Data | File available | January 2007

Yu.A. Pesenko · Yulia V Astafurova · Vladimir Radchenko

... The species is known from Uzbekistan (Moravits, 1875), Tajikistan (Popov, 1967), Turkmenia (Pesenko et al., 1980 (Pesenko et al., , 1982 , and Kazakhstan (Marikovskaya, 1982). One nest was found on 24.IV.1978 in an area with sparse vegetation. ...

Reference: *Nesting of bees Anthophora caucasica Rad. and Eucera pusilla Mor. (Hymenoptera,...*

## On the ecology of flowering and pollination of some plants in the Badghys Nature Reserve

Citing Article | Full-text available | August 1982

Yu. A.Pesenko · Vladimir Radchenko · M. S. Kaygorodova

... Tabanids were collected far from areas with large aggregations of livestock. Tabanid species were determined immediately after collection using taxonomy keys [21, 22]. Species composition of highthroughput sequencing (HTS) pools, location collection, and date of material collection are presented in Table 1. ...

Reference: *Virome of the tabanids from Russia*

## Key to the insects of Russian Far East. Family Halictidae

Citing Chapter | Full-text available | January 2007

Yu. A. Pesenko · Yulia V Astafurova · Vladimir Radchenko

... The genus Dasypoda is widely distributed in palaearctic region from canary Island and Portugal to Japan and is usually widespread in Mediterranean basin of the world. This genus is also reported from west palaearctic region (Warncke, 1973a), Spain (Quilis, 1928), China (Wu, 1978) and European Russia (Radchenko and Pesenko, 1989 ...

Reference: *INSECT POLLINATORS ASSOCIATED WITH APPLE ORCHARDS AT DISTRICT CHITRAL, KHYBER...*

## A key to the bees of the genus Dasypoda Latreille (Hymenoptera, Melittidae) of the European part of the USSR, with a designation of lectotypes.

Citing Article | Full-text available | February 1989

Proceedings of the Zoological Institute RAS

Vladimir Radchenko · Yu. A. Pesenko

... Foraging behaviour was evaluated by measuring visitation rate and time spent per flower (Pesenko et al. 1980; Akter et al. 2017). We examined the time of foraging on Scolymus hispanicus L. for the two species at the same site (45 females of D. visnaga and 44 females for D. maura). ...

Reference: *Comparative ecology of two specialist bees: Dasypoda visnaga Rossi, 1790 and Dasypoda mau...*

## Ecology of pollination in Strigosella grandiflora and Erysimum badghysi (Brassicaceae) by bees (Hymenoptera, Apoidea) in Badkhyz: estimation of the pressure of competitive relationships

Citing Article | Full-text available | January 1980

Entomological Review

Yu.A. Pesenko · Vladimir Radchenko · M.S. Kaygorodova

... For example, in the southwestern US, HB contribute to 20-100% of the alfalfa pollination service, but in the northwestern US and Canada these figures are reduced to 0-1% (Delaplane and Mayer, 2000). This variation can be related to different efficiencies in the collection of pollen and/or nectar by workers, together with weather conditions and irrigation schedules (Reinhardt, 1952;Rincker et al., 1988; Pesenko and Radchenko, 1993) . Moreover, there are many wild bee species in the US, Europe, Australia, South Africa and China that are effective alfalfa pollinators (Linsley, 1946;Bohart, 1958;Batra, 1976;Tasei et al., 1978;Watmough, 1999;Cane, 2008;Wang et al., 2012). ...

Reference: *Managed and wild bees contribute to alfalfa (Medicago sativa) pollination*

## The Use of Bees (Hymenoptera, Apoidea) for Alfalfa Pollination: The Main Directions and Modes, with Methods of Evaluation of Populations of Wild Bees and Pollinator Efficiency

Citing Article | Full-text available | August 1993

Entomological Review

Yu. A. Pesenko · Vladimir Radchenko

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**M. S. Kaygorodova**

## Top journals

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**Entomological Review**
Published by Pleiades Publishing

**Успехи современной биологии**
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