

European Lepidoptera by Vlad Proklov

Species of interest to British collectors.

Monopis monachella (Hb.) (Tineidae) – Russia, Moscow reg., Ramenskoye distr., Khripan', 29.08.2008, 1 ex.; Russia, Moscow reg., Sergiev Posad distr., Ustinki, 24.08.2008, 1 ex.

A local species in Britain, confined as resident to East Anglia. From my experience it is the commonest member of the genus in Moscow region.

Endothenia quadrimaculana (Haw.) (Tortricidae) – Russia, Moscow reg., Lukhovitsy distr., Lovtsy, 24.07.2009, 4 exx.

A local and rare species in Britain but ubiquitous in Central Russia.

Agriphila poliellus (Tr.) (Crambidae) – Russia, Moscow reg., Ramenskoye distr., Khripan', 29.08.2008, 1 male.

Known in Britain by one 19th century specimen of dubious origin, it is also a very local and rare species in Central Russia.

Evergestis extimalis (Scop.) (Crambidae) – Russia, Moscow reg., Zhukovsky, 2-3.07.2009, 4 exx.

A local species in SE England, very common in Central Russia.

Diasemia reticularis (L.) (Crambidae) – Russia, Moscow reg., Orekhovo-Zuevo distr., Nerskaya, 9-10.08.2008, 2 exx.

An irregular migrant to Britain and a common one to Moscow region. The specimens represent a locally bred second generation.

Idaea humiliata (Hufn.) (Geometridae) – Russia, Moscow reg., Zhukovsky, 2.07.2009, 1 ex.

Most probably extinct in Britain, it is an RDB species in Moscow region (category 3). This find represents a new locality and will be reported in a forthcoming update on Moscow region Macrolepidoptera.

Idaea muricata (Hufn.) (Geometridae) – Russia, Moscow reg., Ramenskoye distr., Khripan', 20.07.2009, 1 ex.

A local and rare species in Britain, it is an RDB species in Moscow region (category 3). This find represents a new locality and will be reported in a forthcoming update on Moscow region Macrolepidoptera.

Nycteola degenerana (Hb.) (Noctuidae) – Russia, Moscow reg., Lukhovitsy distr., Kadanok, 25.07.2009, 1 ex., Russia, Moscow reg., Sergiev Posad distr., Ustinki, 22.08.2008, 1 ex.

A recent addition to the British list (known by two specimens from S England), this is the common member of the genus in Central Russia, where the common British *N. revayana* (Scop.) is extremely rare.

Bembecia ichneumoniformis (D.&S.) (Sesiidae) – Portugal, Algarve, Ferragudo, 11.09.2006, 1 ex.

Portuguese specimen is ~1.5 times larger than the British ones. However, it still appears to belong to this species, according to "The Sesiidae of Europe" [Laštuvka, Z. & Laštuvka, A., 2001].

Zygaena viciae (D.&S.) (Zygaenidae) – Russia, Moscow reg., Ramenskoye distr., Khripan', 8,20.07.2009, 2 exx.

A gravely endangered species in Britain, it is probably the commonest species of burnet in Central Russia.

Tyta luctuosa (D.&S.) (Noctuidae) – Moscow region, Lukhovitsy distr., Lovtsy, 24.07.2009, 3 exx.

A local and rare species in Britain, still locally common in Central Russia.

Aedia funesta (Esp.) (Noctuidae) – Russia, Moscow reg., Zhukovsky, 8.07.2009, 1 ex.; Moscow region, Lukhovitsy distr., Lovtsy, 24.07.2009, 1 ex.

Exhibited for comparison with the previous species, a common moth in Moscow region.

Sideridis reticulata (Goeze) (Noctuidae) – Moscow reg., Zhukovsky, 2.07.2009, 1 ex.
Probably extinct as resident in the UK, it is not an infrequent species in Central Russia.

Trachea atriplicis (L.) (Noctuidae) – Moscow reg., Zhukovsky, 8.07.2009, 1 ex.
Extinct as resident in Britain, a ubiquitous species in Central Russia.

Variation.

Epirrhoe alternata (Müller) (Geometridae) – UK, London (VC 17), Wandle Meadow nature park (TQ2670), 22.5.2008, 1 ex.; Russia, Moscow reg., Lkhovitsy distr., Kadanok, 25.07.2009, 1 ex.
Two aberrant specimens, the British one being originally also crippled.

Cataclysta lemnata (L.) (Crambidae) – Russia, Moscow reg., Lkhovitsy distr., Kadanok, 25.07.2009, 1 male.

All males seen in that locality had a very dark grey ground colour I've never seen in the British ones.

Agapeta hamana (L.) (Tortricidae) – Russia, Moscow reg., Zhukovsky, 18.07.2009, 1 ex.; Russia, Moscow reg., Lkhovitsy distr., Lovtsy, 14.07.2009, 1 ex.; Russia, Moscow reg., Lkhovitsy distr., Kadanok, 25.07.2009, 1 ex.

Specimens with varying degree of extended markings and orange ground colour. These forms appear to be more common in Russia than in England.

British Microlepidoptera

Nemophora cupriacella (Hb.) (Adelidae) – UK, Surrey (VC 17), Wisley airfield (TQ0657), 13.07.2008, 2 exx.

A rare parthenogenetic species utilising scabious as a foodplant. However in this locality it was strongly associated with teasel.

Rare Continental Lepidoptera

Deuterogonia pudorina (Wocke) (Oecophoridae) – Russia, Moscow reg., Ramenskoye distr., Khripan', 20.07.2009, 1 ex.

The only European member of the mostly East Asian subfamily (sometimes regarded as a separate family), it is a rare moth in Europe. In Central Russia it was previously known from Vladimir and Tula regions. New for Moscow region.

Eversmannia exornata (Ev.) (Uraniidae) – Russia, Moscow reg., Ramenskoye distr., Khripan', 8.07.2009, 2 exx.

The only European member of the mostly tropical family, it is only known from Central Russia, Belarus and Latvia. Recently reported by P. Leraut [2009] for Ukraine, but that could be a misunderstanding of the previously known data, considering the large amount of factual errors in that book.

Baptria tibiale (Esp.) (Geometridae) – Russia, Moscow reg., Sergiev Posad distr., Ustinki, 25.06.2000, 1 ex.

The second specimen caught in Moscow region and Central Russia (the first one dating back to 1867), it was reported in my recent note [Proklov, V., 2008. The first modern record of *Baptria tibiale* (Esper, 1791) (Lepidoptera: Geometridae) for Moscow Province. // *Eversmannia* **13-14**: 84-85. (In Russian)]

Larentia clavaria (Haw.) (Geometridae) – Russia, Moscow reg., Sergiev Posad distr., Ustinki, 24.08.2008, 1 ex.

An RDB species in Moscow region (category 0), this find represents the second of the three modern records of this species in Moscow region. It will be reported in a forthcoming update on Moscow region Macrolepidoptera.

Hemaris fuciformis (L.) (Sphingidae) – Portugal, Algarve, Serra de Monchique, Nave, 19.04.2000, 1 ex.
A rare species in Portugal.

Unconfirmed identifications – suggestions/confirmations welcome. **[not for journal]**

Udea lutealis (Hb.) (Crambidae) – Russia, Moscow reg., Ramenskoye distr., Khripan', 20.07.2009, 2 exx.
Specimens exhibited for comparison with the next species.

Udea ?sviridovi (Bolshakov) (Crambidae) – Russia, Moscow reg., Orekhovo-Zuevo distr., Nerskaya, 9.08.2008, 2 exx.

Specimens of what appears to be a recently described species, the validity and possible synonymy of which is now being checked upon by F. Slamka (A.V. Sviridov, pers. comm.). If the specimens indeed belong to this taxon, they represent a previously unknown second generation and are the first record for Moscow region.

Hypochalcia ?dignella (Hb.) (Pyralidae) – Russia, Moscow reg., Likhovitsy distr., Lovtsy, 24.07.2009, 2 exx.

A confirmation would be nice.

Hypochalcia ?propinquella (Ev.) (= *bruandella* (Gn.)) (Pyralidae) - Russia, Moscow reg., Likhovitsy distr., Lovtsy, 24.07.2009, 1 exx.

If confirmed, it is a first record for Moscow region and Central Russia.

Phycitinae sp. - Russia, Moscow reg., Likhovitsy distr., Kadanok, 25.07.2009, 1 ex.

A suggestion on its identity is most welcome.

Dioryctria ?abietella (D.&S.) (Pyralidae) - Russia, Moscow reg., Likhovitsy distr., Kadanok, 25.07.2009, 1 ex.; Russia, Moscow reg., Balashikha (Novyi Svet), 19.07.2009, 1 ex.; Russia, Moscow reg., Sergiev Posad distr., Ustinki, 24.08.2008, 1 ex.

A confirmation would be nice.

Eucosma ?tundrana (Kennel) (Tortricidae) – Russia, Moscow reg., Likhovitsy distr., Kadanok, 25.07.2009, 3 exx.

A confirmation would be nice.

Eucosma ?obumbratana (Lienig & Zeller) (Tortricidae) - Russia, Moscow reg., Likhovitsy distr., Lovtsy, 24.07.2009, 1 ex.

A confirmation would be nice.

Nyctegretis ?triangulella (Rag.) (Pyralidae) - Russia, Moscow reg., Likhovitsy distr., Lovtsy, 24.07.2009, 2 exx.

The species was only found in Russia in 2005. If confirmed, it will be a new record for Moscow region.

?*Asthenantheraria* (H.-S.) (Geometridae) - Russia, Moscow reg., Zhukovsky, 27.07.2009, 2 exx.

If confirmed, it will be the first record for Moscow region.

Scopariinae spp.

A selection of species, suggestions welcome.

?Yponomeutoidea sp.

A suggestion is eagerly wanted – I am not even sure about the family!

Olethreutinae sp.

A suggestion on its identity is most welcome.

Grapholitini sp.

A suggestion on its identity is most welcome.

Addendum

To the species of interest to British collectors.

Phyllonorycter issikii (Kumata) (Gracillariidae) – Russia, Moscow reg., Zhukovsky, 2.07.2009 (ex mina, *Tilia cordata*), im. 17.07.2009.

An East-Asian species recently accidentally introduced to European Russia and which is spreading westwards across Europe. Larvae make underside mines typical of the genus on the leaves of lime trees. Adults are seasonally dimorphic, the exhibited specimen is of the non-overwintering brood, and has a darker ground colour.

It must be noted that although the species is now very common in and around Moscow it does not cause any severe damage to the hostplants, and certainly does not prematurely defoliate them as do some of its close relatives, both indigenous (*Ph. populifoliella*) and introduced (*Cameraria ohridella*).

The species is likely to get established in the British Isles at some point.

Pseudeustrotia candidula (D.&S.) (Noctuidae) – Russia, Moscow reg., Lukhovitsy distr., Lovtsy, 24.07.2009, 3 exx.; Russia, Moscow reg., Zhukovsky, 13.08.2008, 1 ex.; Russia, Moscow reg., Sergiev Posad distr., Ustinki, 24.08.2008, 1 ex.

A recent addition to the British list, the generic name has been misspelt as *Pseudostrotia* twice in the latest edition of Bernard Skinner's guide [2009], which, given the justified popularity of that book, is likely to make it into future articles in case the species gets to these isles again. I'd like the journal editors to be aware of that.

To the unconfirmed identifications.

Cochylini spp.

A variety awaiting a seasoned opinion.