

CHECKLIST OF LASIOCAMPIDS (*LEPIDOPTERA*, *LESIOCAMPIDAE*) OF TRANSCAUCASUS

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Abstract. In the Article provides a Annotaided list of 24 species on the Lasiocampids of Transcaucasus. They are united in 5 subfamilies and in 13 genera 4 species (*Chandrostega pastrana* Led., *Trichiura mirzayni* Lb., *Lasiocampa grandis* Rognf., *Phyllodesma farahae* Laj) registered for the first time Georgia.

Key words: Lasiocampids, Distribution, Species, Transcaucasus

Ordo *Lepidoptera*

Subordo *Heteroneura*

Family *Lasiocampidae*

I. Subfamily *Chondrosteginae* Tutt, 1902

Genus *Chandrostega* Lederer, 1858

1. *Ch. pastrana* Lederer, 1858

Distribution:- Eastern Georgia (Tbilisi) [our data, CGNM¹]; Nakhichevan [12.23] Extremely rare species.

II. Subfamily *Paecilocampinae* Tutt, 1902

Genus *Paecilocampa* Stephens, 1828

2. *P. populi* (Linnaeus, 1758)

Distribution: All over Georgia. [19.21.23]; Armenia [10.12.13.16.23.] Azerbaijan [our data, CGNM] Not numerous species [12.15]

Genus *Trichiura* Stephens, 1828

3. *T. crataegi* (Linnaeus, 1758)

Distribution: Western Georgia and Eastern Georgia [15.17.18.19.20.21.23]; Armenia [13.16.12. CGNM]; Azerbaijan [12.18.23]. Not numerous species.

4. *T. mirzayani* Ebert, 1971

Distribution: Western Georgia (Adjara, ms. Khino, 1000-1200 m.) and Eastern Georgia (Tsagveri, Borjomi gorge, 900-1000 m.), [our data, CGNM]; Azerbaijan [12.23]. Rare species.

III. Subfamily *Malacosominae* Tutt, 1902

Genus *Malacosoma* Hubner [1820] 1816

5. *M. castrense* (Linnaeus, 1758)

Distribution: Eastern Georgia and Southern Georgia [6.8.11.17.19.23]; Armenia [10.12.13.16.19.23]; Azerbaijan [10.19.23. CGNM]. A time many species.

6. *M. franconicum* (Denis at Schiffmuller, 1775)

Distribution: Eastern Georgia and Southern Georgia [3.6.7.18.19.20.21.23]; Armenia [10.12.13.16.17.18.19.23.24]; Azerbaijan [17.18.19.23 CGNM]. Not numerous species.

7. *M. neustrium* (Linnaeus, 1758)

Distribution: Georgia [3.5.6.7.8.9.11.15.17.19.20.21]; Armenia [10.13.16-19]; Azerbaijan [10,19,23,28, CGNM] – ewerywhere, numerous species.

8. *M. squalorum* (Bombyx franconica Den at Schiff.)

Distribution: Eastern Georgia and Southern Georgia (Bacuriani, Mtskheta, Lagodekhi, Dmanisi: Velispiri, Akhalcikhe) [12,23,24. CGNM]. Not numerous species.

9. *M. parallela* Staodinger, 1887 (Bombyx neustria var. parallela Stgr.)

¹ CGNM-Collection of Georgian National Museum

Distribution: Eastern Georgia (Tbilisi, Borjomi) [12.23. CGNM]; Armenia [10.13.16.23]; Azerbaijan [10.23]. Rare species.

IV. Subfamily *Lasiocampidae* Tutt, 1902

Genus *Eriogaster* Germar, 1810

10. *E. neogena* (Fishen de Waldheim, 1824)

Distribution: Eastern Georgia (ssp *acanthophylli* Chr. – Vashlovani reserve). [8.11.17.19.23, CGNM]; Armenia [10.16.17.19.23]; Azerbaijan [10.17.19.23 CGNM]; Rare species.

11. *E. daralgesis* Zolotuhin, 1991

Distribution: Armenia [23]; Azerbaijan (Nakhievan) [12.23]; Very rare species.

Genus *Lasiocampa* Schrank, 1802

12. *L. quereus* (Linnaeus, 1758)

Distributio: Georgia, Armenia, Azerbaijan –everywhere, [3.5.8.1-13.15-19.21.23. CGNM]. Ordinary, a taime numerous species.

13. *L. eversmanni* (Kindermann in Eversmann, 1843)

Distribution: Eastern Georgia [8.11.19.23]; Armenia [10.13.16.23]; Azerbaijan [10.17.19.23 CGNM]. Not numerous species.

14. *L. trifolii* (Denis at Schiffermuller, 1775)

Distribution: Western Georgia and Eastern Georgia [12.18.19.20.21.23]; Armenia [12.13.16.18.19.23]. Azerbaijan [12.17.18.19.23, CGNM]. Ordinary species.

15. *L. pionkovskii* Scheljuzhko, 1943

Distribution: Southern Armenia and Southern Azerbaijan (Nakhichewan) [12.23]. Rare species.

16. * *L. grandis* (Regenhofer, 1891)

Distribution: Southern Georgia (Aspindza) [our data – CGNM], Southern Armenia and Southern Azerbaijan (Nakhichewan)[12.23.].

Genus *Macrothylacia* Rambur, 1866

17.* *M. rubi* (Linnaeus, 1758)

Distribution: Eastern Georgia (Borjomi) [12.23. CGNM]. Extremely rare species.

V. Subfamily *Pinarinae* Tutt, 1902

Genus *Gastropacha* Ochseneheimer, 1810

18. *G. quercifolia* (Linnaeus, 1758)

Distribution: Georgia [3.4.5.8.12.15.18.19]; Armenia [10.12.13.16.18.23]; Azerbaijan [10.12.17.18.23.28. CGNM] – everywhere, ordinary species.

Genus *Phylodesma* Hubner [1820] 1816

19.* *Ph. jiannisi* Lajonquiere, 1963 (*Phalera ilicifolia* L., *Epicnaptera Tremulifolia* L.).

Distribution: Georgia [3.4.5.6.8.12.15.17.19.21.23], Armenia [13.16.17.23], Azerbaijan [12.17.19.23. CGNM] – everywhere, ordinary species.

20.* *Ph. farahae* Laionquiere, 1963

Distribution: South – Western Georgia [our data, CGNM]; Azerbaijan [12.23.24]. Rare species.

Genus *Streblote* Hubner [1820] 1816

21.* *S. solitaria* Zolotuhin, 1991

Distributin: Transcaucasus: Armenia [12.22.23]. Extremely raree species.

Genus *Pachypasa* Walker, 1855

22. *P. otus* (Drury, 1773)

Distribution: Eastern Georgia [3.8.11.14.17.19.23]; Armenia [10.16.18]; Azerbaijan [10.28. CGNM]. Rare species.

* supplement species

Genus *Dendrolimus* Germar, 1812

23. *D. pini* (Linnaeus, 1758)

Distribution: All over Georgia [3.6.11.15.17.18.19.20.21.23], Armenia [12.19.23] and Azerbaijan [12.17.19.23. CGNM]. Numerous species.

Genus *Odonestis* Germar, 1812

24. *O. pruni* (Linnaeus, 1758)

Distribution: Western and Eastern Georgia [3.4.15.19.21.23]; Armenia and Azerbaijan [19.23. CGNM]. Not numerons.

References

1. Daniel F. Die sudformen von *Dendrolimus pini* L. Fragm. Balc. Mus Maced. Sc. Nat. 2. (1959), P. 97-105.
2. Didmanidze E. To a knowledge of fauna of Macrolepidoptera of Lagodekhi Reserve (new and poorly known species of fauna of Georgia). Moambe of Georgian State Museum S. Djanashia. Tbilisi. 1969. 22-23-A; p. 171-199 (in Georgian).
3. Didmanidze E. A. Results of studying the Macrolepidoptera in the Lagodekhi Reserve I. Zoologe, Moscou, 1971, 50. p. 515-519 (in Russian).
4. Didmanidze E.A. To the fauna of Macrolepidoptera of Gegechkori distrak (Mountain part), Moambe of Georgian State Museum S. Djanashia, Tbilisi, 1973, 24-25-A. p. 92-120.
5. Didmanidze E.A. Sikharulidze Z. Die Butterflais (Macrolipoptera) of Saguramo Reserve. J. Reserves of Georgia, Tbilisi, 1974, 3. p.213-226. (in Russian).
6. Didmanidze E.A. Materials of fauna Macrolepidoptera of Lesser Caucasus (Meskhet. Djavakhety, Southern Georgia). Moambe of Georgian State Museum S. Djanashia, Tbilisi, 1975, 28-A. p. 293-336 (in Russian).
7. Didmanidze E.A. To a knowledge of Macrolepidoptera of Lesser Caucasus (Tzalka-Dmanisi District). Moambe of Georgian State Museum S. Djanashia, Tbilisi, 1976, 29-A, p. 154-184 (in Russian).
8. Didmanidze E.A. Moths (Lepidoptera, Heterocera) of arid landscapes of Georgia. Tbilisi, 1978, p. 1-318 (in Russian).
9. Didmanidze E.A. Materials on Macrolepidoptera of Tusheti, Moambe of Georgian State Museum S. Djanashia, 1980, 30-A, p. 126-167 (in Russian).
10. Didmanidze E.A. Materials on Lepidoptera Heterocera of arid landscapes of Georgia (Without Geometridae and Noctuidae) Part II, Moambe of Georgian State Museum S. Djanashia, Tbilisi, 1981 a, 31-A, p. 124-181 (in Russian)
11. Didmanidze E.A. Materials to a study of Macropelidoptera of Vashlovani Reserve. I. Reserves of Georgia, Tbilisi, 1981 b. p. 75-119.
12. Dubatolov V.V., Zolotuhin V.V. A list of the formen USSR – Atlanta (Marktleten/Wurzburg), 1992, 23(3/4), p. 531-5-548.
13. Gevorkjan M.R. Fauna of Heterocera (Lepidoptera) of gorges of the Rozdan river and its tributary Marmarik (Armenian SSR) – Entomol. Obozr. 1986. 65, p. 683-691.
14. Khodzhevanishvili I.A., Pitzhelauri V.P. Pocularities of development of *Phachipasa otus* Drury in Eastern entomological Society, Leningrad, 1974, p. 250 (in Russian).
15. Milianovsky E.S. Fauna of Lepidoptera of Abkhasia, Trudy Sukhum opytnoi stantzii efiromaslichnykh kultur. Sukhum, 1964, 5, p. 1-91 (in Russian).
16. Mirzoyan S.A. Dendrofilnie nasekomie lesov i parkov Armenii, Erevan, 1974, p. 1-452. (Lasiocampidae: 201-202) (in Russian).
17. Radde G. Lepidoptera Caucasus Museum Caucasicum. Sammalungen des Kaukasishen Museum. Tiflis, 1899, p. 431-435.
18. Romanoff N.M. Les Lepidopteres de la Trandcaucasie, 2 partie – Men. Lepid., 1885, 2, p. 1-118.
19. Shengelia E.S. On distribution of *Bombyces* in Georgian and neighboring republics. Trudy zool.sectora AN SSR, Georgian Filiale, 1941, 3. p. 117-127 (in Russian).
20. Shengelia E.S. *Lasiocampidae*, *Orgydae* and *Geometridae* from Great Caucasus of Georgia. Phauna Visokogorie Balshovo Caucasa predelakh Grusii, Tbilisi, 1964, p. 125-143 (in Russian).

21. Shengelia E.S. *Lasiocampidae*, „Phauna bespozvonochnikh Trialetskovo khrebta“, Tbilisi, 1966, p. 147-148 (in Russian).
22. Zolotuhin V.V. on new and little – known *Lasiocampidae* (*Lepidoptera*) from Armenia USSR, Atalanta (Marktleu then/Wurzburg), 1991, 22 (2/4), p. 117-123.
23. Zolotuhin V.V. Au annotated checklist of the *Lasiocampidae* (*Lepidoptera*) of Caucasus. Atalauta (Marktleuthen/Wurzburg), 1992a 23 (1/2) p. 225-243.
24. Zolotuhin V.V. Lasiocampids of franconicum-group (*Malacosoma*, *Lasiocampidae*, *Lepidoptera*) of the fauna of the USSR. Part 1. Vestnik SPBGU, 1992, 3(0), p. 25-33 (in Russian).
25. Zolotuhin V.V. New and little – Known species of Lasiocampids of the genus *Phyllodesma* Hbn. (*Lepidoptera*, *Lasiocampidae*), Entomol Obozr., 73(1), 1994, p. 136-143 (in Russian).
26. Josef I. de Freina. Beitrag zur systematischen Erfassung der Bombyces und Sphinges Fauna Kleinasien Atalanta Deutschen Forschungszentral fur Smetterlingswanderungen, 10, Heft 3, ISSN, Munchen, 1979, p. 174-224.
27. Iaseef. I. de Freina, Beitrag zur systematischen Erfassung der Bombyces und Sphing – Fauna Kleinasien. Neue Kenntnisse uber Atrenspektrum, Systematik und Nomenklatur sowie Beschreibung neuer Taxa (*Lepidoptera*) – Mitt. Munchen Entomal. Gesellsch, 1982, 72, p. 57-127.
28. Jhivotni mir Azermaijana, v. II Bespozvonochnie, Baku, 1996, p. 244-246 (in Russian).