

## **Anthicidae (Coleoptera) from the collection of Moscow Pedagogical University**

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### **Abstract**

Telnov D., 1998. Anthicidae (Coleoptera) from the collection of Moscow Pedagogical University. Latv. Entomol., 36: 5-10.

The Anthicidae from the collection of Moscow Pedagogical University was revised. It contains 45 species and subspecies.

**Key words:** Coleoptera, Anthicidae, Moscow Pedagogical University, revision.

### **Introduction**

The author received 278 specimens of Anthicidae (Coleoptera) from the Moscow Pedagogical University collection for identification in 1996. The results of identification are published in the present work. This is the first revision of the family Anthicidae from collections of Russian museums. The identification was based on H.deKrekich-Strassoldo (1928), M.F.LaFerte-Senectere (1848), S.deMarseul (1879), W.L.E.Schmidt (1842).

Explanations to the list of species: labels were translated from Russian; the number of specimens is given in brackets; abbreviations: dist. - district, vill. - village, env. - environs.

### **List of species**

#### Subfamilia Steropinae

1. *Steropes caspius* Steven, 1806

South-West Moldova, Cahul dist., Roshu env., flood plains of Prut river, on light, 1-2.07.1990 (5) leg. A.Matalin; 2-3.07.1990 (3) leg. A.Matalin; 30-31.07.1990 (3) leg. A.Matalin.

#### Subfamilia Anthicinae

2. *Notoxus appendicinus* Desbrochers, 1875

East Turkmenistan, 100 km S from Chardzhou, Narghyz env., sweep netting, 22.06.1989 (1) leg. E.Prasolova; North Turkmenistan, East Karakum desert, Repetek reserve, on light, 6.06.1989 (1) leg. K.Makarov; South Russia, Krasnodar region, Armavir dist., Labinsk, on light, 4.07.1994 (1) leg. I.Melnik.

3. *Notoxus binotatus* Gebler, 1830

- North Kirghizstan, Terskey Alatau range, Tamga vill. env., on light, 7-9.08.1990 (4) leg. A.Zheleznjakov.
4. *Notoxus brachycerus* (Faldermann, 1837)  
South-West Moldova, Cahul dist., Roshu env., flood plains of Prut river, on light, 6-7.06.1990 (4) leg. A.Matalin; 1-2.07.1990 (4) leg. A.Matalin; 2-3.07.1990 (10) leg. A.Matalin; 21-22.07.1990 (5) leg. A.Matalin; 15-16.08.1990 (1) leg. A.Matalin.
5. *Notoxus monoceros* (Linnaeus, 1761)  
East Russia, Primorje region, Chugujev dist., Samarka vill. env., 26.06.1990 (1) leg. S.Hvylja; Russia, Caucasus, Autonomous Republic of North Osetia, Alogir, 07.1990 (2) leg. O.Seleznjov; West Ukraine, Zacarpatskaja region, Uzhgorod dist., Nevitskij Zamok env., 7.07.1992 (1) leg. I.Melnik; South-West Moldova, Cahul dist., Roshu env., flood plains of Prut river, on light, 6-7.06.1990 (8) leg. A.Matalin; 1-2.07.1990 (10) leg. A.Matalin; 2-3.07.1990 (23) leg. A.Matalin; 21-22.07.1990 (5) leg. A.Matalin; 15-16.08.1990 (2) leg. A.Matalin.
6. *Notoxus monoceros* var. *elongatus* LaFerte, 1848  
Kirghizstan, 10 km N from Naryn, Selin-Bulak env., 21.07.1986 (1) leg. V.Belov.
7. *Notoxus monoceros* var. *trinotatus* Pic, 1894  
East Russia, Primorskij kraj, Mountain taiga station, 19.07.1958 (1); Russia, Siberia, Tandinsk dist., Bey-Khan env., 2-3.08.1959 (3); 12.08.1959 (3).
8. *Notoxus quadrimaculatus* Heyden, 1887  
South Tadjikistan, Aruktau range, Hanfkin env., 700 m.a.s.l., 17.04.1994 (2) leg. V.Grachov.
9. *Notoxus simulans* Heberdey, 1935  
North Kirghizstan, Terskej Alatau range, Tamga vill. env., on light, 7-9.08.1990 (1) leg. A.Zheleznjakov.
10. *Notoxus trifasciatus* Rossi, 1792  
South-West Moldova, Cahul dist., Roshu env., flood plains of Prut river, on light, 1-2.07.1990 (1) leg. A.Matalin; 2-3.07.1990 (1) leg. A.Matalin.
11. *Formicomus hauseri* Pic, 1897  
East Turkmenistan, Chardzhou region, Neftezavodsk env., on light, 13.06.1989 (1) leg. K.Makarov.
12. *Formicomus ninus* (LaFerte, 1848)  
South Tadjikistan, Aruktau range, Hanfkin env., 700 m.a.s.l., 17.04.1991(1) leg. V.Grachov; Tadjikistan, Dushanbe, 13.04.1991 (1) leg. V.Grachov.
13. *Formicomus nobilis* (Faldermann, 1837)  
North Turkmenistan, East Karakum desert, Repetek reserve, on light, 6.06.1989 (1) leg. K.Makarov.
14. *Formicomus pedestris* Rossi, 1790  
South East Azerbaijan, Lenkoran dist., Avrora vill. env., 27.01.1985 (5); 29.01.1985 (12).
15. *Cyclodinus marginalicus* (Pic, 1893)  
North Turkmenistan, East Karakum desert, Repetek reserve, on light, 6.06.1989 (1) leg. S.Bugrov.
16. *Cyclodinus blandulus* (Baudi, 1877)  
East Turkmenistan, 100 km S from Chardzhou, Narghyz env., on light, 23.06.1989 (1) leg. S.Bugrov.
17. *Cyclodinus debilis* (LaFerte, 1848)  
North Turkmenistan, East Karakum desert, Repetek reserve, on light, 5.06.1989 (1) leg. S.Bugrov; 6.06.1989 (1) leg. S.Bugrov; 6.06.1989 (1) leg. K.Makarov.

18. *Cyclodinus densifer* (Pic, 1900)  
East Turkmenistan, Eldzhik vill. env., flood plains of Amu Darya, in litter, 7.05.1988 (1) leg. I.Melnik.
19. *Cyclodinus humilis* (Germar, 1824)  
South-West Moldova, Cahul dist., Roshu env., flood plains of Prut river, on light, 6-7.06.1990 (4) leg. A.Matalin; 1-2.07.1990 (1) leg. A.Matalin; 2-3.07.1990 (1) leg. A.Matalin; 21-22.07.1990 (4) leg. A.Matalin.
20. *Cyclodinus reitteri* (Pic, 1892)  
North Turkmenistan, East Karakum desert, Repetek reserve, on light, 6.06.1989 (1) leg. K.Makarov; East Turkmenistan, Chardzhou region, Neftezavodsk env., on light, 13.06.1989 (1) leg. K.Makarov.
21. *Cyclodinus morawitzi* (Desbrochers, 1875)  
North West Tadjikistan, Fanskie mountains, Marguzor, 2500 m.a.s.l., maple forest, 20-29.04.1992 (1) leg. S.Aleksejev.
22. *Cyclodinus nitidor* (Pic, 1892 (1893))  
Azerbaijan, Seavar Vel env., 28.01.1985 (1); East Turkmenistan, 100 km S from Chardzhou, Narghyz env., on light, 23.06.1989 (1) leg. S.Bugrov.
23. *Cyclodinus semiopacus* (Reitter, 1887)  
South Tadjikistan, Aruktau range, Hanfkin env., 700 m.a.s.l., 17.04.1991(1) leg. V.Grachov.
24. *Omonadus anticemaculatus* (Pic, 1900)  
Central Russia, Volgograd, surrounding of the Volgograd State University, Grigороva gully, 8.05.1995 (1) leg. I.Melnik & E.Shankhiza.
25. *Omonadus floralis* (Linnaeus, 1758)  
Azerbaijan, Astara dist., Istisa vill. env., 30.01.1985 (1); South-West Moldova, Cahul dist., Roshu vill. env., flood plains of Prut river, on light, 6-7.06.1990 (2) leg. A.Matalin; 1-2.07.1990 (5) leg. A.Matalin; 2-3.07.1990 (2) leg. A.Matalin; 21-22.07.1990 (8) leg. A.Matalin; 15-16.08.1990 (7) leg. A.Matalin.
26. *Omonadus formicarius* (Goeze, 1777)  
Central Russia, Rjazan region, Shatsk dist., Yaltunovo vill. env., 1-5.08.1992 (1) leg. Shazhenkov; South-West Moldova, Cahul dist., Roshu vill. env., flood plains of Prut river, on light, 1-2.07.1990 (1) leg. A.Matalin.
27. *Omonadus signatellus* (Krekich-Strassoldo, 1928)  
Uzbekistan, Churatinezskij s-z, Khayat, 5.04.1981 (1) leg. S.Baskakova; Kazakhstan, Dzhambul region, steppe, 1988 (1).
28. *Cordicomus baicalicus* (Mulsant et Rey, 1866)  
East Russia, Baikal lake, Olkhon island, 4 km. N from Khuzhir, 14-15.08.1992 (6) leg. S.Kruskop; 16.08.1992 (6) leg. S.Kruskop.
29. *Stricticomus argenteofasciatus* (Pic, 1894)  
South Turkmenistan, Ashgabat region, Dushak, 12-15.04.1987 (1) leg. Tarasenko.
30. *Stricticomus goebeli* (LaFerte, 1848)  
Armenia, Dzharvet, sweep netting, 9.06.1987 (1); South-West Moldova, Cahul dist., Roshu vill. env., flood plains of Prut river, on light, 6-7.06.1990 (2) leg. A.Matalin; 1-2.07.1990 (8) leg. A.Matalin; 2-3.07.1990 (4) leg. A.Matalin.
31. *Stricticomus tobias* (Marseul, 1879)  
South-West Moldova, Cahul dist., Roshu env., flood plains of Prut river, on light, 21-22.07.1990 (1) leg. A.Matalin.

32. *Hirticomus hispidus* (Rossi, 1792)

Azerbaijan, Seavar Vel vill. env., 28.01.1985 (1); South-West Moldova, Cahul dist., Roshu vill. env., flood plains of Prut river, on light, 1-2.07.1990 (1) leg. A.Matalin; 2-3.07.1990 (1) leg. A.Matalin; 30-31.07.1990 (2) leg. A.Matalin; 15-16.08.1990 (1) leg. A.Matalin; Central Russia, Volgograd, surrounding of the Volgograd State University, Grigorova gully, 8.05.1995 (2) leg. I.Melnik & E.Shankhiza.

33. *Hirticomus jacqueti* (Pic, 1892)

Azerbaijan, Seavar Vel vill. env., 28.01.1985 (1).

34. *Anthicus antherinus* (Linnaeus, 1761)

Azerbaijan, Lenkoran dist., Avrora, under bark, 26.01.1985 (1); Azerbaijan, Seavar-Vel env., 28.01.1985 (1); South-West Moldova, Cahul dist., Roshu env., flood plains of Prut river, on light, 6-7.06.1990 (1) leg. A.Matalin; 1-2.07.1990 (3) leg. A.Matalin; 2-3.07.1990 (7) leg. A.Matalin; 10-11.07.1990 (1) leg. A.Matalin; 21-22.07.1990 (13) leg. A.Matalin; 30-31.07.1990 (2) leg. A.Matalin.

35. *Anthicus ater* (Panzer, 1796)

South Kazakhstan, Talasskij Alatau range near Khazan-Chukur pass, Aksu-Dzhabagly reserve, northern slope, 2950 m.a.s.l., 9.07.1995 (1) leg. A.Matalin.

36. *Anthicus balachanus* Pic, 1906

North Turkmenistan, East Karakum desert, Repetek reserve, on light, 6.06.1989 (2) leg. E.Prasolova.

37. *Anthicus diversus* Marseul, 1879

Azerbaijan, Seavar Vel env., 28.01.1985 (1).

38. *Anthicus flavipes* (Panzer, 1797)

South-West Moldova, Cahul dist., Roshu env., flood plains of Prut river, on light, 21-22.07.1990 (3) leg. A.Matalin; Central Russia, Moscow region, Istra dist., N.-Rakovo vill. env., Istrinskoje reservoir, 11.07.1996 (2) leg. K.Makarov.

39. *Anthicus steppensis* Marseul, 1879

North Turkmenistan, East Karakum desert, Repetek reserve, on light, 6.06.1989 (1) leg. E.Prasolova; 10.06.1989 (1) leg. S.Bugrov.

40. *Anthicus quadrioculatus* LaFerte var. *pedemontanus* Pic, 1901

North Kirghizstan, northern bank of Issyk Kul lake, Grigorjevka, 11.07.1984 (1) leg. N.Danilevskij.

41. *Anthicus schmidti* Rosenhauer, 1847

South-West Moldova, Cahul dist., Roshu env., flood plains of Prut river, on light, 6-7.06.1990 (6) leg. A.Matalin.

42. *Anthicus urganensis* Pic, 1895-1896

West Kazakhstan, Dzhanlybek, forest belt Nr. 1, 11.05.1967 (1).

43. *Microhoria lederi* (Marseul, 1879)

Central Armenia, Gegamskij range, Khosrov reserve, 1000 m.a.s.l., 13.06.1987 (1).

44. *Endomia unifasciata* Bonelli, 1812

East Turkmenistan, Chardzhou region, Narghyz, bank of Amu Darya river, 17.04.1983 (1) leg. S.Aleksejev.

## Subfamilia Eurygeniinae

45. *Pseudostereopalpus angusticollis* (Pic, 1899)

South East Kazakhstan, Taldy Kurgan region, Panfilov dist., Charyn env., Ili He river

valley, 25-30.04.1993 (2) leg. I.Lazutin.

## Discussion

It is determined 45 species and subspecies. From them 42 species belong to Palearctic fauna, 3 are cosmopolite. The material was collected in Moldova (13 species), Turkmenistan (13 species), Russia (7 species), Azerbaijan (7 species), Kazakhstan (4 species), Kirghizstan (4 species), Tadjikistan (4 species), Armenia (1 species), Ukraine (1 species) and Uzbekistan (1 species).

## Acknowledgments

I thank Dr. Kirill V.Makarov (Moscow Pedagogical University, Russia) for the loan of specimens. I am grateful to Mr. Gerhard Uhmann (Pressath, Germany) for consultations.

## Kopsavilkums

Saja publikacija apkopoti dati par Anthicidae dzimtas kolekcija, kura ir deponeta Maskavas Pedagogiskas universitates fondos. Kopuma apstradati 278 ipatni un noteiktas 45 sugas un pasugas, no tam 42 ir izplatitas Palearktika, bet 3 (*Omonadus floralis* (L.), *O. formicarius* (Gz.), *Stricticomus tobias* (Mars.)) ir kosmopolitiskas. Vakumos ir parstavets materials no Moldovas (13 sugas), Turkmēnijas (13), Krievijas (8), Azerbaidzanas (7), Kazahijas (4), Kirgizijas (4), Tadzikijas (4), Armenijas (2), Ukrainas (1) un Uzbekijas (1).

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Received: February 3, 1997.