

The seed-beetles from Turkey (*Coleoptera*, *Bruchidae*)

Strąkowce z Turcji (*Coleoptera*, *Bruchidae*)

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ABSTRACT. 37 species of seed-beetles are recorded from Turkey, 7 of them for the first time.

Turkish *Bruchidae* are especially poorly known. Only one faunistic list was published hitherto by ZAMPETTI (1981a). He recorded 32 seed-beetles species. Other 18 species were recorded by SCHILSKY (1905), BODEMEYER (1906), LUKJANOVITSH and TER-MINASSIAN (1957), ZAMPETTI (1981b) and DECELLE (1982a, b).

The present list of the *Bruchidae* of the Turkey was based on the material collected by B. Malkin in 1979 and 1981. A few specimens from the collection of the Institute of Zoology, Polish Academy of Sciences, Warsaw, were also used.

The material comprises 616 specimens of 37 seed-beetle species, of which 7 are new for the fauna of Turkey (in the list with an asterisk).

I would like to express my sincere thanks to Mr B. Malkin for the loan of the *Bruchidae* collected in Turkey, and to Dr S. A. Ślipiński for lending me specimens of the collection of the Institute of Zoology, Polish Academy of Sciences, Warsaw.

LIST OF SPECIES

*1. *Caryedon lisaeae* SOUTHGATE, 1971

Bergama, 16-17 VI 1979, 1 ♂.

Distribution: Hitherto known from Caucasus and Crimea only.

2. *Bruchus emarginatus* ALLARD, 1868

Bogazkale (Hatussas), 30 km SE of Sungurlu, 6 VI 1979, 1 ♂, 2 ♀.
Distribution: Mediterranean Region.

*3. *Bruchus ervi* FRÖLICH, 1799

Bogazkale (Yazilikaya), 30 km SE of Sungurlu, 7 VI 1979, 2 ♀.
Distribution: South Europe and Mediterranean Region.

4. *Bruchus hamatus* MILLER, 1881

Bogazkale (Hatussas), 30 km SE of Sungurlu, 6 VI 1979, 1 ♀.
Distribution: South-east Europe, Asia Minor, Lebanon and Syria.

*5. *Bruchus laticollis* BOHEMAN, 1833

Catal Hüyük, 14 km N of Cumra (Konya distr.), 10 VI 1979, 1 ♂;
ancient Termessos, prov. Antalya, 17 V 1981, 1 ♂, 2 ♀.

Distribution: South Europe, Asia Minor, Caucasus, the Middle East
and Middle Asia.

6. *Bruchus pisorum* (LINNAEUS, 1758)

Ancient Termessos near Antalya, 900–1050 m, 30 V 1979, 2 ♀; Bergama,
18–21 V 1981, 3 ♂, 1 ♀.

Distribution: Cosmopolitic.

7. *Bruchus rufimanus* BOHEMAN, 1833

Mersin, no data, 2 ♀, leg. A. Kricheldorf.

Distribution: Central and South Europe and Mediterranean Region.

8. *Bruchus rufipes* HERBST, 1783

Bogazkale (Hatussas), 30 km SE of Sungurlu, 6 VI 1979, 2 ♀; Kas,
prov. Antalya, 5–7 V 1981, 1 ♀; Trabzon, VI 1917, 1 ♂, 1 ♀, leg. W. Eichler.

Distribution: Central and South Europe and Mediterranean Region.

9. *Bruchus tristis* BOHEMAN, 1833

Bergama, 18–21 V 1981, 1 ♀.

Distribution: South Europe and Mediterranean Region.

10. *Bruchidius biguttatus* (OLIVIER, 1795)

Troy (Truva), 19 VI 1979, 2 ♂; Trabzon, V 1917, 2 ♀, leg. W. Eichler.

Distribution: Mediterranean Region.

11. *Bruchidius bimaculatus* (OLIVIER, 1795)

Bogazkale (Hatussas), 30 km SE of Sungurlu, 6 VI 1979, 2 ♂, 4 ♀.
Bogazkale (Yazilikaya), 7 VI 1979, 3 ♀; Troy (Truva), 19 VI 1979, 2 ♀;
ancient Termessos, prov. Antalya, 17 V 1981, 1 ♀.

Distribution: Central and South Europe and Mediterranean Region

12. *Bruchidius canus* (GERMAR, 1824)

Troy (Truva), 19 VI 1979, 24 ex.; ancient Myra, prov. Antalya, 9 V 1981, 2 ♀; Arif, prov. Antalya, 10-11 V 1981, 1 ♀; Bergama, 18-21 V 1981, 2 ex.

Distribution: Central and South Europe, east part of Mediterranean Region.

13. *Bruchidius cinerascens* (GYLLENHAL, 1833)

Troy (Truva), 19 VI 1979, 1 ♂; Side, 3 km N of Manavgat, prov. Antalya, 27 V 1979, 1 ♂.

Distribution: Central and South Europe and Mediterranean Region.

*14. *Bruchidius dispar* (GYLLENHAL, 1833)

Bergama, 18-21 V 1981, 1 ♀; Trabzon, 20 IV 1971, 2 ♀, leg. W. Eichler.

Distribution: South Europe and Mediterranean Region.

15. *Bruchidius foveolatus* (GYLLENHAL, 1833)

Bergama, 16-17 VI 1979, 1 ♂, 2 ♀, 18-21 V 1981, 11 ♂, 12 ♀; ancient Phaselis, prov. Antalya, 13-14 V 1981, 2 ♀.

Distribution: Mediterranean Region.

16. *Bruchidius holosericeus* (SCHOENHERR, 1832)

Troy (Truva), 19 VI 1979, 1 ♀; Bergama, 18-21 V 1981, 1 ♂.

Distribution: Mediterranean Region and Iran.

17. *Bruchidius imbricornis* (PANZER, 1795)

Ancient Gordion, 2 VI 1979, 1 ♀.

Distribution: Central and South Europe, Mediterranean Region and Middle Asia.

18. *Bruchidius lineatus* (ALLARD, 1868)

Hway, 30 km S of Kemer, prov. Antalya, 350 m, 15 V 1981, 1 ♀; Bergama, 18-21 V 1981, 1 ♂.

Distribution: Italy, Dalmatia, Bulgaria and Turkey.

19. *Bruchidius lividimanus* (GYLLENHAL, 1833)

Kas, prov. Antalya, 5-7 V 1981, 34 ex.; Hway, 30 km S of Kemer, prov. Antalya, 350 m, 15 V 1981, 1 ex.

Distribution: South Europe and Mediterranean Region.

20. *Bruchidius lutescens* (BLANCHARD, 1844)

Ancient Termessos, prov. Antalya, 30 V 1979, 3 ♂; Bergama, 16-17 V 1979, 1 ♀, 18-21 V 1981, 16 ex.; Hway, prov. Antalya, 30 km S of Kemer, 350 m, 15 V 1981, 1 ♂; Kas, prov. Antalya, 5-7 V 1981, 1 ♀.

Distribution: Turkey, Bulgaria (first record) and Italy.

*21. *Bruchidius martinezi* (ALLARD, 1868)

Ancient Termessos, prov. Antalya, 30 VI 1979, 1 ♀.

Distribution: South Europe and Middle Asia.

22. *Bruchidius nanus* (GERMAR, 1824)

Ephesus, 9-12 V 1979, 1 ♀.

Distribution: South Europe and Mediterranean Region.

23. *Bruchidius nudus* (ALLARD, 1868)

Side, 3 km N of Manavgat, prov. Antalya, 27 V 1979, 1 ♀.

Distribution: Mediterranean Region.

24. *Bruchidius obscuripes* (GYLLENHAL, 1839)

Side, 3 km N of Manavgat, prov. Antalya, 27 V 1979, 1 ♂; Ispir, 12 VII 1974, 1 ♂, leg. T. Huflejt.

25. *Bruchidius poecilus* (GERMAR, 1824)

Bogazkale (Yazilikaya), 30 km SE of Sungurlu, 7 VI 1979, 1 ♀; Trabzon, V. 1917, 2 ♂, leg. W. Eichler.

Distribution: South Europe and Mediterranean Region.

26. *Bruchidius pygmaeus* (BOHEMAN, 1833)

Troy (Truva), 19 VI 1979, 1 ♀; Bergama, 16-17 VI 1979, 1 ♂, 18-21 V 1981, 3 ♂.

27. *Bruchidius quinqueguttatus* (OLIVIER, 1795)

Alanya, 24 V 1979, 1 ♂, 1 ♀; Bogazkale (Hatussas), 30 km SE of

Sungurlu, 6 VI 1979, 1 ♀; Troy (Truva), 19 VI 1979, 10 ♀; ancient Myra, prov. Antalya, 9 V 1981, 1 ♀.

Distribution: East part of Mediterranean Region and Iran.

*28. *Bruchidius rufisura* (ALLARD, 1883)

Hway, 30 km S of Kemer, prov. Antalya, 350 m, 15 V 1981, 1 ♂, 1 ♀; Bergama, 18–21 V 1981, 2 ♂, 3 ♀.

Distribution: Mediterranean Region.

29. *Bruchidius seminarius* (LINNAEUS, 1767) sensu lato

B. pusillus form: Ancient Termessos, prov. Antalya, 900–1050 m, 30 V 1979, 40 ex., 17 V 1981, 8 ex., 18–21 V 1981, 1 ex.

B. seminarius form: Bergama, 16–17 VI 1979, 13 ex., 18–21 V 1981, 21 ex.; Troy (Truva), 19 VI 1979, 3 ex.; Arif, prov. Antalya, 700 m, 10–11 V 1981, 2 ex.; Hway, 30 km S of Kemer, prov. Antalya, 350 m, 15 V 1981, 2 ex.; ancient Termessos, prov. Antalya, 17 V 1981, 1 ex.

B. picipes form: Manavgat, 3 km N of Side, prov. Antalya, 27 V 1979, 3 ex.

Distribution: Europe and Mediterranean Region.

Note: *Bruchidius seminarius* is probably a complex of related species. The revision of this species group by me is at present in preparation.

*30. *Bruchidius sericatus* (GERMAR, 1824)

Ephesus, 9–12 V 1979, 1 ♂; Bergama, 16–17 VI 1979, 5 ♂, 18–21 V 1981, 3 ♂, 2 ♀; Trabzon, V–VI 1917, 5 ♀, leg. W. Eichler.

Distribution: South Europe and Mediterranean Region.

31. *Bruchidius tibialis* (BOHEMAN, 1829)

Hway, 30 km S of Kemer, prov. Antalya, 350 m, 15 V 1981, 2 ♀.

Distribution: South part of Central Europe, South Europe and Mediterranean Region.

32. *Bruchidius tuberculatus* (HOCHHUTH, 1847)

Side, 3 km N of Manavgat, prov. Antalya, 27 V 1979, 1 ♂, 2 ♀; ancient Termessos, prov. Antalya, 30 V 1979, 1 ♀; Hway, 30 km S of Kemer, prov. Antalya, 350 m, 15 V 1981, 2 ♂.

Distribution: South Europe, Mediterranean Region and Middle Asia.

33. *Bruchidius varius* (OLIVIER, 1795)

Side, 3 km N of Manavgat, prov. Antalya, 27 V 1979, 1 ♀; ancient Termessos, prov. Antalya, 30 V 1979, 3 ♀, 17 V 1981, 2 ♀; Bergama, 16-17 VI 1979, 1 ♀, 18-21 V 1981, 1 ♀; Ephesus, 9-12 V 1979, 1 ♀; Troy (Truva), 19 VI 1979, 2 ♀.

Distribution: Europe, North Africa and Caucasus.

34. *Acanthobruchidius spiniger* (BAUDI, 1886)

Bergama, 18-21 V 1981, 1 ♂.

Distribution: Asia Minor, the Middle East, Lesbos Is. and Sardinia.

35. *Spermophagus kuesteri* SCHILSKY, 1905

Ancient Termessos, prov. Antalya, 30 V 1979, 4 ♂, 1 ♀, 17 V 1981, 1 ♂; Bogazkale (Hatussas), 30 km SE of Sungurlu, 6 VI 1979, 1 ♂, 3 ♀; Bogazkale (Yazilikaya), 7 VI 1979, 1 ♂, 1 ♀; Troy (Truva), 19 VI 1979, 15 ♂, 14 ♀; Bergama, 18-21 V 1981, 1 ♂; ancient Myra, prov. Antalya, 8 V 1981, 10 ♂, 6 ♀; Trabzon, VI 1917, 2 ♀, leg. W. Eichler.

36. *Spermophagus sericeus* (GEOFFROY, 1785)

Side, 3 km N of Manavgat, 27 V 1979, 1 ex.; Bogazkale (Hatussas), 30 km S of Sungurlu, 6 VI 1979, 7 ex.; Troy (Truva), 19 VI 1979, 208 ex.

Distribution: In West Palaearctic widespread.

37. *Spermophagus variolosopunctatus* GYLLENHAL, 1833

Ancient Termessos, prov. Antalya, 30 V 1979, 3 ♀; 17 V 1981, 1 ♂.

Distribution: Mediterranean Region.

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