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## New distributional data on *Dermestidae* (Coleoptera) from Iraq and Arabian Peninsula

**Abstract:** Seven species are new to the fauna of Iraq (*Dermestes bicolor*, *Attagenus aurantiacus*, *Att. duplex octopunctatus* ssp. nov., *Att. obtusus*, *Phradonoma nobile*, *Dearthrus quadriguttatus* and *Anthrenus rauterbergi*), one to the fauna of Oman (*Dermestes frischii*) and one more to the fauna of Saudi Arabia (*Attagenus posticalis*). All specimens are preserved in the Museum of Natural History in Basel, Switzerland. The first records of *Dermestes intermedius* from the Ukraine, of *Attagenus aurantiacus* from Turkey and of *Dearthrus quadriguttatus* from Iran and Egypt are given.

**Key words:** Coleoptera, Dermestidae, Iraq, Oman, Saudi Arabia

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### INTRODUCTION

Some years ago prof. W. Büttiker sent me a fine lot of dermestids from the Arabian Peninsula and Iraq for determination. The material was interesting, and I prepared a list of species with distributional data. He sent this list to the "Fauna of Arabia" for publication. In June 2001, dr F. Krupp, Editor-in-Chief of "Fauna of Arabia", wrote me: "We concluded that your contribution contains valuable information, but does not fall within the scope of series, because most of the material studied originated from Iraq, with only a few sporadic records from Saudi Arabia and Oman. We suggest that submit it elsewhere...". Following his suggestion I decide to submit the manuscript to the Editorial Board of "Fragmenta faunistica". The general distribution of each species is given in MROCKOWSKI (1968).

## LIST OF SPECIES

*Dermestes frischi* KUGELANN, 1792

Common, cosmopolitan species, but I know no records from Oman.

Material: Oman, Shaqq (21°08'N/58°16'E), 7.III.1986, leg. W. Büttiker – 3 exx; Oman, Wahiba (22°26'N/58°48'E), 13.II.1986, leg. M. Gallagher – 3 exx.; Oman, Wahiba Sands (21°10'N/58°55'E), 17–20. II. 1986, leg. M. Gallagher – 2 exx; Saudi Arabia, Ras Jibsh (21°27'N/59°21'E), 6.III. 1987, leg. M. Gallagher – 4 exx.

*Dermestes intermedius* KALIK, 1951

East-Mediterranean species, moreover known from Bulgaria, Romania, Hungary and Slovakia, as well as from Syria and Iraq: Baghdad. I have seen specimens from Ukraine: Simpheropol (Crimea) and from some localities in the environs of Odessa.

Material: NE Iraq, Kurdistan, Penjwin, 11.V. 1976, leg. J. Macek – 1 ex.; NE Iraq, Kurdistan, Rawanduz, 24.IV. 1979, leg. J. Macek – 1 ex.

*Dermestes ater* DEGREER, 1774

Cosmopolitan species, previously recorded from Arabia by Erichson in 1846.

Material: United Arab Emirates, Iumeirah (25°12'N/55°13'E), 11.III–15.IV. 1991, leg. C. Gross – 1 ex.

*Dermestes bicolor* FABRICIUS, 1781

Distributed in entire Palearctic Region, but not recorded from Iraq.

Material: Iraq occ., Western Desert, Wádí al Hazimi, 6. IV. 1979, leg. J. Macek – 1 ex.

*Attagenus aurantiacus* REITTER, 1900

The species has been known only from Syria. I have seen specimens from the following localities in Turkey: Gyndognus, Taskesigi, Perge, Kaiseri. It is herewith recorded from Iraq. The subspecies *erevanicus* Zhantiev, 1963 occurs in Armenia.

Material: NE Iraq, Rawanduz, 24. IV. 1979, leg. J. Macek – 1 ex; NE Iraq, Kurdistan, Mishaw, 7.VI. 1976, leg. J. Macek – 1 ex.

*Attagenus bifasciatus* (OLIVIER, 1790)

Distributed in the entire Mediterranean and adjacent regions. Known from Baghdad.

Material: Iraq occ., Western Desert, Bir-Er-Rah, 70 km. N of Rutba, 11 and 21.III.1978, leg. J.Macek – 3 exx.

*Attagenus duplex* (REITTER, 1890)

The species described from Uzbekistan: Dshisak, known also from Tadzhikistan, Turkmenistan and Kazakhstan. New for Iraq.



Material: Iraq occ., Western Desert, Bir-Er-Rah, 70 km. N of Rutba, 6.V.1978, leg. J. Macek – 1 ex. This specimen differs slightly from typical ones. Typical specimens have two narrow bands on the posterior half [1/3? 1/4?] of the elytra, the bands interrupted on the suture. The specimen from Iraq has these bands interrupted in the middle. I herewith name it *A. octopunctatus* **ssp. nov.**

*Attagenus fasciatus* (THUNBERG, 1795)

Nearly cosmopolitan species. Recorded from Jeddah, Saudi Arabia, in 1961 by Shalaby.

Material: Saudi Arabien, Jeddah, 7.IX.1985. leg. W. Büttiker – 1 ex.

*Attagenus obtusus* (GYLLENHAL, 1808)

Distributed throughout the Mediterranean region, the Caucasus, Iran, Syria, Turkey, Israel, Arabian Peninsula, but not recorded from Iraq.

Material: Iraq occ., Western Desert, Bir-Er-Rah, 70 km N of Rutba, 11, 16 and 21.III.1978, leg. J. Macek – 6 exx., Iraq occ., Western Desert, Wádí al Hazimi, 11 and 21.III.1979, leg. J. Macek – 2 exx.

*Attagenus posticalis* FAIRMAIRE, 1879

Described from Algeria, recorded from Tunisia, Spain, Egypt, Syria, Yemen and Niger. New for Saudi Arabia (in 1979 I wrote: "probably occurs in Saudi Arabia too").

Material: Saudi Arabia, Wattayah (23°36'N/58°30'E), 23.IV.1988, leg. M. Gallagher – 9 exx.

*Phradonoma nobile* (REITTER, 1881)

The species was described from Cyprus, widely distributed throughout the Mediterranean region, the Caucasus, Turkmenistan, Afghanistan, Syria, Iran, Egypt. New for Iraq.

Material: Iraq occ., Western Desert, Wádí al Hazimi, 11.V.1979. leg. J. Macek – 1 ex. juv.

*Dearthrus quadriguttatus* (REITTER, 1878)

Described from Caucasus, recorded from Turkmenistan, Afghanistan, Usbekistan, Tadzhikistan, Kazakhstan, Turkey and Syria. I have also seen the specimens from Iran (Shahrud) and Egypt (Cairo). New for Iraq.

Material: NE Iraq, Kurdistan, Sarsank, 27.IV.1979, leg. J. Macek – 1 ex.

*Anthrenus flavipes* LECONTE, 1854

Nearly cosmopolitan species, recorded from Jeddah, Saudi Arabien, in 1961 by Shalaby.

Material: Saudi Arabien, Jeddah, 6.VI.1981, leg. W. Büttiker – 6 exx.

*Anthrenus pimpinellae* FABRICIUS, 1775

Very widely (nearly cosmopolitan) distributed species.

Material: Iraq bor., Kurdistan, Sarsank, 26–27. IV.1979, leg. J. Macek – 1 ex.

*Anthrenus rauterbergi* REITTER, 1908

Rare species known only from Cairo (Egypt), closely related to *A. x-signum* REITTER, 1881. New for Saudi Arabia.

Material: Saudi Arabia, Harithi (21°18'N/40°18'E), 23–24.V.1985, leg. W. Büttiker – 1 ex.

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## STRESZCZENIE

[Tytuł: Nowe wiadomości o rozmieszczeniu *Dermestidae* (Coleoptera) z Iraku i Półwyspu Arabskiego]

Notatka wykazuje siedem gatunków nowych dla fauny Iraku, jeden dla fauny Omanu, jeden dla fauny Arabii Saudyjskiej oraz opis nowego podgatunku: *Attagenus duplex octopunctatus ssp.nov.* Materiały dowodowe przechowywane są w Museum of Natural History w Bazylei, Szwajcaria. Ponadto, po raz pierwszy wykazano *Dermestes intermedius* z Ukrainy, *Attagenus aurantiacus* z Turcji oraz *Dearthrus quadriguttatus* z Iranu i Egiptu.