

Contribution to the Family Dermestidae (Coleoptera) from Qatar

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ABSTRACT

The following species are newly recorded for Qatar: *Dermestes (Dermestinus) frischii* Kugellan, 1792, *D. (Dermestes) ater* DeGeer, 1774, *Phradonoma nobile* (Reitter, 1881), *Anthrenus (Anthrenus) flavipes flavipes* LeConte, 1854, *A. (Anthrenodes) malkini* Mroczkowski, 1980, *A. (Anthrenops) coloratus* Reitter, 1881, *Attagenus posticalis* Fairmaire, 1878, *A. lynx* (Mulsant & Rey, 1868), *A. aristidis* (Pic, 1894), *A. fasciatus* (Thunberg, 1795).

Key words: Faunistics, new records, Coleoptera, Dermestidae, Qatar, Arabian peninsula.

INTRODUCTION

The family Dermestidae is a beetle family which contains about 1300 species and subspecies worldwide (Háva, 2008); from the Arabian peninsula 42 species are known (Háva, 2007a), from Qatar only two species are known (EPPO 2007; Háva, 2007a, b).

In the present article the authors summarized 12 dermestids species, collected by French entomologists in the years 2002-2004 in Qatar, 10 species are new for Qatar.

Abbreviations

INRA: Institut National de la Recherche Agronomique, Montpellier, France

JHAC: Private Entomological Laboratory and Collection, J. Háva, Praha-západ, Czech Republic.

RESULTS**SUBFAMILY: DERMESTIDAE****TRIBE: DERMESTINI**

Dermestes (Dermestinus) maculatus DeGeer, 1774

The species mentioned from Qatar by Háva (2007a). *Dermestes (Dermestinus) frischii* Kugellan, 1792

Material examined: Qatar [Doha], Umsht Island, Arabian Gulf - East of Doha Bay, N - 25° 17.683' E - 051° 38.752', Collected under various rubbishes, 05-XII-2003, M. Martinez leg., 23 spec., J. Háva det. (INRA); Qatar [Al Wakra], Al Kharrarah, H" 1,5 km N. of the village - Base of residual hills topped by crust, N-24° 55' 00.9" E-51° 10' 20.8", Beer pitfall traps, 01-VI-2004, L. Soldati leg., 1 spec., J. Háva det. (INRA); Qatar [Mesaieed], Mesaieed (Umm Said), Sealine Beach Resort, N-24° 50.819' E- 051° 30.502', Pitfall traps, 02-IV-2002, M. Martinez leg., 2 spec., J. Háva det. (INRA).

Cosmopolitan species, new for Qatar.

Dermestes (Dermestes) ater DeGeer, 1774

Material examined: Qatar [Mesaieed], Mesaieed (Umm Said), Sealine Beach Resort, N - 24° 50.819' E - 051° 30.502', Pitfall traps, 19-IV-2004, M. Martinez leg., 1 spec., J. Háva det. (INRA); Qatar [Madinat al Shamal], Al Ghariyah, Seashore, N - 26° 04' 51.2" E - 51° 21' 26.7", Under a dead dolphin, 09-III-2003, C. Cocquempot leg., 5 spec., J. Háva det. (INRA).

Cosmopolitan species, new for Qatar.

SUBFAMILY: MEGATOMINAE**TRIBE: MEGATOMINI**

Phradonoma nobile (Reitter, 1881)

Material examined: Qatar [Al Rayyan], Al Sheehaniyah, Al Khaiarin Botanical Reserve, N-25° 21.284' E-051° 14.384', By sweeping, 26-IV-2004, E. Pierre leg., 10 spec., J. Háva det. (INRA)

Species known from Cyprus, Greece, Portugal, Spain, Algeria, Egypt, Eritrea, Libya, Morocco, Namibia, Nigeria, South Africa, Sudan, Tanzania, Tunisia, Zimbabwe, Afghanistan, „Caucasus“, India, Iran, Iraq, Israel, Jordania, Pakistan, Saudi Arabia, Syria, Tadzhikistan, Turkmenistan, United Arab Emirates, Uzbekistan, new for Qatar.

Trogoderma granarium Everts, 1898

Cosmopolitan, synanthropic species, from Qatar mentioned by (EPPO, 2007).

SUBFAMILY: MEGATOMINAE**TRIBE: ANTHRENINI**

Anthrenus (Anthrenus) flavipes flavipes LeConte, 1854

Material examined: Qatar [Al Rayyan], Doha, Qatar University Campus, N-25° 22.465' E-051° 29.464', By sweeping *Ochradenus baccatus* Del. (Resedaceae), 20-IV-2004, E. Pierre leg., 1 spec., J. Háva det. (INRA).

Cosmopolitan species, new for Qatar.

Anthrenus (Anthrenodes) malkini Mroczkowski, 1980

Material examined: Qatar [Al Rayyan], Al Sheehaniyah, Al Khaiarin Botanical Reserve, N - 25° 21.284' E - 051° 14.384', By sweeping, 26-IV-2004, E. Pierre leg., 9 spec., J. Háva det. (INRA); the same data but 03-IV-2004, K. Mardini leg., 1 spec., J. Háva det. (JHAC).

Species known from Oman, Saudi Arabia, United Arab Emirates, Yemen, new for Qatar.

Anthrenus (Anthrenops) coloratus Reitter, 1881

Material examined: Qatar [Al Rayyan], Doha, Friends of the Environment Center (F.E.C.), N-25° 17.780' E-051° 29.781', By sweeping, 06-VI-2003, K. Mardini leg., 1 spec., J. Háva det. (INRA).

Species known from Europe, Canary Is., Turkey, Algeria, Egypt, Eritrea, Guinea, Morocco, Namibia, Sudan, Tunisia, USA, Afghanistan, India, Israel, Iraq, Kazakhstan, Kyrgyzstan, Oman, Saudi Arabia, Syria, Tadjikistan, Turkmenistan, United Arab Emirates, Yemen, new for Qatar.

SUBFAMILY: ATTAGENINAE

TRIBE: ATTAGENINI

Attagenus aristidis (Pic, 1894)

Material examined: Qatar [Jeryan al Batna], Umm al Zubar al Qibliyah, Near crossroad, S.-E. village, wooded zone, N-25° 10' 20.7" E-51° 15' 32.5", 04-III-2003, C. Cocquempot leg., 1 spec., J. Háva det. (JHAC); Qatar [Mesaieed], Mesaieed (Umm Said), South Sealine Beach Resort, N-24°51' 04.2" E-51°30'20.7", Pitfall traps in dunes, 06-III-2003, C. Cocquempot leg., 1 spec., J. Háva det. (INRA); Qatar [Al Rayyan], Qari Shemalah area, Near crossroad, N.-E.Qari Shemalah, wooded zone, N - 25° 18' 20.5" E - 51° 11' 50.6", By sweeping, 10-III-2003, C. Cocquempot leg., 1 spec., J. Háva det. (INRA).

Attagenus fasciatus (Thunberg, 1795)

Material examined: Qatar [Al Rayyan], Al Wibrab, Private farm of Sheikh Saoud Bin Ali Al Thani, By sweeping, 24-XI-2001, E. Pierre leg., 1 spec., J. Háva det. (INRA); Qatar [Al Rayyan], Al Sheehaniyah, Al Khaiarin Botanical Reserve, N-25° 21.284' E-051° 14.384', By sweeping, 27-IV-2004, M. Martinez leg., 1 spec., J. Háva det. (INRA); Qatar [Doha], Doha, Qatar University Campus, N-25° 22.465' E-051° 29.464', By sweeping *Ochradenus baccatus* Del. (Resedaceae), 20-IV-2004, E. Pierre leg., 1 spec., J. Háva det. (INRA).

Cosmopolitan species, new for Qatar.

Attagenus lynx (Mulsant & Rey, 1868)

Material examined: Qatar [Al Rayyan], Al Sheehaniyah, Animals Reserve (Oryx farm), By sweeping, 27-III-2002, E. Pierre leg., 1 spec., J. Háva det. (INRA); Qatar [Al Rayyan], Al Sheehaniyah, Al Khaiarin Botanical Reserve, N-25° 21.284' E-051° 14.384', By sweeping, 27-IV-2004, M. Martinez leg., 2 spec., J. Háva det. (INRA).

Species know from Armenia, Azerbaijan, Poland (intr.), Turkey, Egypt, „Caucasus“, Iran, Israel, Kazakhstan, Mongolia, Saudi Arabia, Syria, Tadjikistan, Turkmenistan, Uzbekistan, new for Qatar.

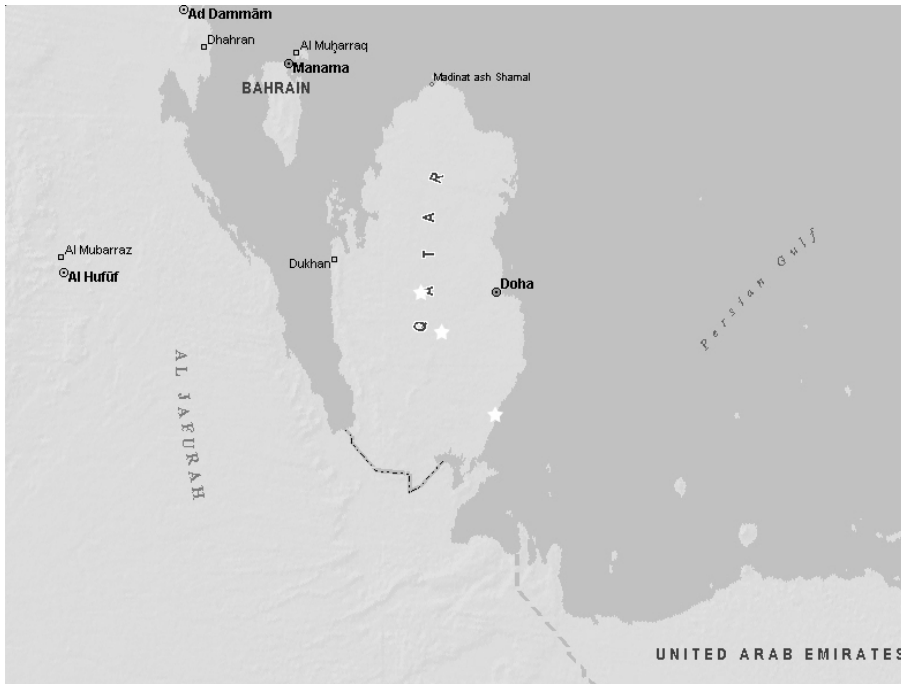


Fig. 1. Distributional map of *Attagenus aristidis* (Pic, 1894) in Qatar.

Attagenus posticalis Fairmaire, 1878

Material examined: Qatar [Al Rayyan], Al Sheehaniyah, Near Al Samriyah - Farm of Sheikh Faisal Bin Kasem Al Thani, N-25° 20.882' E-051° 15.075', By sweeping irrigated crops and wild vegetation, 27-III-2002, E. Pierre leg., 1 spec., J. Háva det. (JHAC); Qatar [Jeryan al Batna], Al Otouriyah, Al Otoria farm, N-25° 31.028' E- 051° 12.500', By sweeping irrigated crops and wild vegetation, 27-III-2002, E. Pierre leg., 1 spec., J. Háva det. (INRA); Qatar [Al Rayyan], Al Sheehaniyah, Al Khaiarin Botanical Reserve, N-25° 21.284' E-051° 14.384', By sweeping, 08-IV-2004, K. Mardini leg. 1 spec., J. Háva det. (INRA).

Species known from Spain, Algeria, Egypt, Mauretania, Morocco, Niger, Senegal, Sudan, Tunisia, Israel, Oman, Saudi Arabia, Syria, United Arab Emirates, Yemen, new for Qatar.

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