

Corrigenda and addenda of Dermestidae in the “Catalogue of the Beetles (Coleoptera) of Israel and Adjacent Areas“

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Summary: Corrigenda and addenda of Dermestidae to the “Catalogue of the Beetles (Coleoptera) of Israel and Adjacent Areas“ are presented. The article describes the following new records from the territory of the State of Israel (including territory under a nominal control of the Palestinian Authority): *Attagenus addendus* J. Sahlberg, 1903; *Attagenus barbieri* Pic, 1946; *Attagenus brunneopunctatus* (Pic, 1893); *Attagenus civetta* (Mulsant et Rey, 1868); *Attagenus cyphonoides* Reitter, 1881; *Attagenus leprieuri* (Reitter, 1886); *Attagenus scalaris* (Pic, 1894); *Attagenus simonis* Reitter, 1881; *Attagenus uniformis* Fairmaire in Fairmaire et Coquerel, 1860; *Globicornis (Globicornis) picta* (Küster, 1851); *Trogoderma inclusum* LeConte, 1854. The revision of literature records and material brought altogether 68 species of carpet beetles from Israel. The article contains furthermore comments about nomenclatural changes, errors in the earlier publications and identifications as well as the list of all known species from Israel.

Zusammenfassung: Korrekturen und Ergänzungen zum “Catalogue of the Beetles (Coleoptera) of Israel and Adjacent Areas“ werden vorgestellt. Der Artikel beschreibt folgende Arten, die neue Funde für das Gebiet des heutigen Staates Israel (einschließlich der autonomen Palästinensischen Gebiete) darstellen: *Attagenus addendus* J. Sahlberg, 1903; *Attagenus barbieri* Pic, 1946; *Attagenus brunneopunctatus* (Pic, 1893); *Attagenus civetta* (Mulsant et Rey, 1868); *Attagenus cyphonoides* Reitter, 1881; *Attagenus leprieuri* (Reitter, 1886); *Attagenus scalaris* (Pic, 1894); *Attagenus simonis* Reitter, 1881; *Attagenus uniformis* Fairmaire in Fairmaire et Coquerel, 1860; *Globicornis (Globicornis) picta* (Küster, 1851); *Trogoderma inclusum* LeConte, 1854. Der Artikel enthält desweiteren Kommentare über Änderungen in der Nomenklatur, Fehler in

den früheren Publikationen und Identifizierungen, sowie die Liste aller aus Israel bekannten Arten.

Key words: Faunistics, new records, corrections of catalogue, Coleoptera, Dermestidae, Israel, the Levant.

Introduction

The first important records of the carpet beetles (family Dermestidae) in the Levant and Anatolia were published by SAHLBERG (1912-1913). He mentioned 17 valid species from the territory of the present State of Israel including the territories under the control of the Autonomous Palestinian Authority, but the presence of three of these species needs to be verified (see Discussion). Later, BODENHEIMER (1937) published the "Prodromus Fauna Palestinae" from approximately the same territory, in which he listed - based largely on literature research - 30 species of carpet beetles. Sixty three years later, CHIKATUNOV published the "Catalogue of the Beetles (Coleoptera) of Israel and Adjacent Areas" (CHIKATUNOV 2000) where he mentioned 57 valid species of carpet beetles from Israel. CHIKATUNOV's work was based mainly on the material preserved in the insect collection of the Natural History Museum, Tel Aviv University. In addition, a few articles and books in which the carpet beetles were also mentioned (e.g. FINKEL et al. 2002, CHIKATUNOV et al. 2004) were published. Nevertheless, the introduction of extensive taxonomic and nomenclatural changes in Dermestidae (HÁVA 2002, 2003, 2006, 2007), newly collected material, the revision of old samples, and the need for clarification of some repeated errors in published records are calling for an updating of the last mentioned Catalogue.

In the present work, we do not separate from the State of Israel the territory of the autonomous Palestinian National Authority inaugurated in 1994, since the final status of this area still needs to be negotiated.

The locality data of the studied material are given like on the original labels. Data on separate labels are indicated by slashes (/).

Moreover, following two acronyms refer to the collections, in which the examined material is deposited:

NHMI Natural History Museum, Tel Aviv, Israel

JHAC Private Entomological Laboratory and Collection, Jiří Háva, Prague, Czech Republic

Table 1. A list of Dermestidae species mentioned by SAHLBERG (1912–1913), BODENHEIMER (1937), CHIKATUNOV (2000) from the territory of the present Israel accompanied with corrections and notes.

Taxon	SAHLBERG (1912–1913)	BODENHEIMER (1937)	CHIKATUNOV (2000)	Present-day nomenclature + corrections	Notes
Dermest- inae					
<i>Dermestes</i>		<i>cadaverinus</i> Fab.	<i>ater</i> DeGeer, 1774	<i>ater</i> DeGeer, 1774	
<i>Dermestes</i>		<i>bicolor</i> Fab.	<i>bicolor</i> Fabricius, 1781	<i>bicolor bicolor</i> Fabricius, 1781	
<i>Dermestes</i>		<i>frischii</i> (sic!) Kugel.	<i>frischii</i> Kugelann, 1792	<i>frischii</i> Kugelann, 1792	
<i>Dermestes</i>		<i>vulpinus</i> Fab.	<i>maculatus</i> DeGeer, 1774	<i>maculatus</i> DeGeer, 1774	
<i>Dermestes</i>	<i>mustelinus</i> Er.		<i>mustelinus</i> Erichson, 1848	<i>loebli</i> Háva, 2002	Háva (2002)
<i>Dermestes</i>	<i>sardous</i> Küst	<i>sardous</i> Kust. (sic!)	<i>sardous</i> Küster, 1846	<i>sardous</i> <i>asiaticus</i> Háva, 2002	Háva (2002)
<i>Dermestes</i>		<i>undulatus</i> Brahm	<i>undulatus</i> Brahm, 1790	<i>undulatus</i> Brahm, 1790	
Orphil- inae					
<i>Orphilus</i>			<i>niger</i> (Rossi, 1790)	<i>beali</i> Zhantiev, 2001	Háva (2003) syn.
Trinod- inae					
<i>Trinodes</i>			<i>hirtus</i> (Fabricius, 1781)	<i>hirtus</i> (Fabricius, 1781)	
Attagen- inae					
<i>Attagenus</i>			<i>attenuatus</i> (Pic, 1894)	<i>attenuatus</i> (Pic, 1894)	
<i>Attagenus</i>		<i>aurantiacus</i> (sic!) Rtt.	<i>auranticus</i> (sic!) Reitter, 1900	<i>civetta</i> (Mul- sant et Rey, 1868) <i>barbieri</i> Pic, 1946	Note. 1

Taxon	SAHLBERG (1912–1913)	BODENHEIMER (1937)	CHIKATUNOV (2000)	Present-day nomenclature + corrections	Notes
<i>Attagenus</i>	<i>bifasciatus</i> Oliv.	<i>bifasciatus</i> Ol.	<i>bifasciatus</i> (Olivier, 1790)	<i>bifasciatus</i> (Olivier, 1790)	
<i>Attagenus</i>			<i>cinnamomeus</i> Roth, 1851	<i>fasciatus</i> (Thunberg, 1795)	Háva (2003) syn.
<i>Attagenus</i>		<i>piceus</i> var. <i>sordidus</i> Haar (sic!)	<i>dalmatinus</i> Küster, 1847	<i>brunneus</i> Faldermann, 1835	Háva (2003) syn.
<i>Attagenus</i>			<i>heydeni</i> (Reitter, 1881)	<i>heydeni</i> (Reitter, 1881)	
<i>Attagenus</i>		<i>gloriosus</i> F.	<i>gloriosus</i> (Fabricius, 1798)	<i>fasciatus</i> (Thunberg, 1795)	Háva (2003) syn.
<i>Attagenus</i>			<i>fasciatus</i> (Thunberg, 1795)	<i>fasciatus</i> (Thunberg, 1795)	
<i>Attagenus</i>		<i>falax</i> Gen.	<i>fallax</i> Gené, 1839	<i>addendus</i> Sahlberg, 1903	Note. 2.
<i>Attagenus</i>	<i>Telopes lynx</i> Muls.		<i>lynx</i> (Mulsant et Rey, 1868)	<i>lynx</i> (Mulsant et Rey, 1868)	
<i>Attagenus</i>			<i>megatoma</i> (Fabricius, 1798)	<i>unicolor</i> <i>unicolor</i> (Brahm, 1790)	Háva (2003) syn.
<i>Attagenus</i>		<i>obtusus</i> Gyll.	<i>obtusus</i> (Gyllenhal in Schönherr, 1808)	<i>obtusus</i> (Gyllenhal in Schönherr, 1808)	
<i>Attagenus</i>		<i>piceus</i> Ol.	<i>piceus</i> Olivier, 1790	<i>unicolor</i> <i>unicolor</i> (Brahm, 1790)	Háva (2003) syn.
<i>Attagenus</i>	<i>bifasciatus</i> var. <i>simonis</i> Reitt.?	<i>bifasciatus</i> var. <i>simoni</i> Rtt. (sic!) <i>pictus</i> Ball.	<i>pictus</i> Ballion, 1871	<i>simonis</i> Reitter, 1881	Note. 3.
<i>Attagenus</i>		<i>posticalis</i> Frm.	<i>posticalis</i> Fairmaire, 1878	<i>posticalis</i> Fairmaire, 1878	
<i>Attagenus</i>		<i>scalaris</i> Pic	<i>scalaris</i> (Pic, 1894)	<i>scalaris</i> (Pic, 1894)	
<i>Attagenus</i>	<i>bifasciatus</i> var. <i>6-maculatus</i> nov. var.		<i>simoni</i> (sic!) Reitter, 1881	<i>simonis</i> Reitter, 1881	Háva (2003)

Taxon	SAHLBERG (1912–1913)	BODENHEIMER (1937)	CHIKATUNOV (2000)	Present-day nomenclature + corrections	Notes
<i>Attagenus</i>	<i>simplex</i> Reitt.	<i>simplex</i> Rtt.	<i>simplex</i> Reitter, 1881	<i>simplex</i> Reitter, 1881	
<i>Attagenus</i>	<i>trifasciatus</i> Fabr.	<i>trifasciatus</i> Fab. (sic!)	<i>trifasciatus</i> (Fabricius, 1787)	<i>barbieri</i> Pic, 1946 and <i>heydeni</i> (Reitter, 1881)	Note. 4.
Megatom- inae					
<i>Globicornis</i>	<i>bicrucata</i> J. Sahlb.	<i>bicrucata</i> Sahlb.	<i>bicrucata</i> J. Sahlberg, 1913	<i>signatipennis</i> Pic, 1899	Háva (2003) syn.
<i>Globicornis</i>			<i>picta</i> (Küster, 1851)	<i>picta</i> (Küster, 1851)	
<i>Phradonoma</i>			<i>cercyonoides</i> (Reitter, 1886)	<i>cercyonoides</i> (Reitter, 1886)	
<i>Phradonoma</i>			<i>hirsutulum</i> (Mulsant et Rey, 1868)	<i>hirsutulum</i> (Reiche in Mulsant et Rey, 1868)	
<i>Phradonoma</i>		<i>nobile</i> Rtt.	<i>nobile</i> (Reitter, 1881)	<i>nobile</i> (Reitter, 1881)	
<i>Phradonoma</i>		<i>villosulum</i> Duft.	<i>villosulum</i> (Duftschmid, 1825)	<i>draco</i> Háva, 2006	Háva (2006)
<i>Phradonoma</i>			<i>villosulum</i> (Duftschmid, 1825)	<i>spectrum</i> Háva, 2006	Háva (2006)
<i>Trogoderma</i>			<i>granarium</i> Everts, 1898	<i>granarium</i> Everts, 1898	
<i>Trogoderma</i>			<i>syriaca</i> Dalla Torre, 1911	<i>schawalleri</i> Háva, 2007	Note. 5.
<i>Trogoderma</i>			<i>testaceum</i> Kraatz, 1858	<i>inclusum</i> LeConte, 1854	Note. 6
<i>Ctesias</i>			<i>syriaca</i> Ganglbauer, 1904	<i>syriaca</i> Ganglbauer, 1904	
<i>Anthrenus</i>		<i>crustaceus</i> Rtt.	<i>crustaceus</i> Reitter, 1881	<i>crustaceus</i> Reitter, 1881	

Taxon	SAHLBERG (1912–1913)	BODENHEIMER (1937)	CHIKATUNOV (2000)	Present-day nomenclature + corrections	Notes
<i>Anthrenus</i>	<i>pimpinellae</i> var. <i>delicatus</i> Kies.		<i>delicatus</i> Kiesenwetter, 1851	<i>delicatus</i> <i>delicatus</i> Kiesenwetter, 1852	
<i>Anthrenus</i>			<i>festivus</i> Erichson, 1848	<i>festivus</i> Erichson, 1848	
<i>Anthrenus</i>			<i>flavipes</i> LeConte, 1854	<i>flavipes</i> <i>flavipes</i> LeConte, 1854	
<i>Anthrenus</i>		<i>jordanicus</i> Pic	<i>jordanicus</i> Pic, 1934	<i>jordanicus</i> Pic, 1934	
<i>Anthrenus</i>			<i>minor</i> Wollaston, 1865	<i>minor</i> Wollaston, 1865	
<i>Anthrenus</i>		<i>molitor</i> Aubé	<i>molitor</i> Aubé, 1850	<i>molitor</i> Aubé, 1850	
<i>Anthrenus</i>	<i>pimpinellae</i> Fabr.	<i>pimpinellae</i> F.	<i>pimpinellae</i> (Fabricius, 1775)	<i>pimpinellae</i> <i>pimpinellae</i> (Fabricius, 1775)	
<i>Anthrenus</i>	<i>scrophulariae</i> L.	<i>scrophulariae</i> L.	<i>scrophulariae</i> (Linnaeus, 1758)	<i>scrophulariae</i> <i>scrophulariae</i> (Linnaeus, 1758)	
<i>Anthrenus</i>	<i>simonis</i> Reitt.	<i>simoni</i> (sic!) Rtt.	<i>simoni</i> (sic!) Reitter, 1881	<i>simonis</i> Reitter, 1881	
<i>Anthrenus</i>			<i>sordidulus</i> Reitter, 1889	<i>sordidulus</i> Reitter, 1889	
<i>Anthrenus</i>			<i>varius</i> Fabricius, 1775	<i>verbasci</i> (Linnaeus, 1767)	Háva (2003) syn.
<i>Anthrenus</i>	<i>verbasci</i> var. <i>nebulosus</i> Reitt.	<i>verbasci</i> L.	<i>verbasci</i> (Linnaeus, 1767)	<i>verbasci</i> (Linnaeus, 1767)	
<i>Anthrenus</i>		<i>vorax</i> Waterh.	<i>vorax</i> Waterhouse, 1883	<i>flavipes</i> <i>flavipes</i> LeConte, 1854	Háva (2003) syn.

Taxon	SAHLBERG (1912–1913)	BODENHEIMER (1937)	CHIKATUNOV (2000)	Present-day nomenclature + corrections	Notes
Thorict- inae					
<i>Thorictus</i>			<i>ciliatus</i> Reitter, 1881	<i>ciliatus</i> Reitter, 1881	
<i>Thorictus</i>			<i>dilatipennis</i> Reitter, 1881	<i>dilatipennis</i> Reitter, 1881	
<i>Thorictus</i>			<i>dispar</i> Baudi di Selve, 1870	<i>dimidiatus</i> Peyron, 1857	Háva (2003) syn.
<i>Thorictus</i>			<i>foveicollis</i> Reitter, 1880	<i>foveicollis</i> Reitter, 1880	
<i>Thorictus</i>			<i>incisicollis</i> Pic, 1924	<i>incisicollis</i> Pic, 1924	
<i>Thorictus</i>			<i>loricatus</i> Peyron, 1857	<i>grandicollis</i> <i>grandicollis</i> Germar, 1842	Háva (2003) syn.
<i>Thorictus</i>			<i>orientalis</i> Peyron, 1857	<i>orientalis</i> Peyron, 1857	
<i>Thorictus</i>			<i>pilosus</i> Peyron, 1857	<i>pilosus</i> Peyron, 1857	
<i>Thorictodes</i>			<i>heydeni</i> Reitter, 1875	<i>heydeni</i> Reitter, 1875	
No. of species	14	30	62	57	

New faunistical records

Attagenus addendus Sahlberg, 1903

Attagenus fallax var. *addendus* Sahlberg, 1903

Material examined: „Israel, Qusbiye, 19.iv.1976, M. Kaplan lgt.“, 1 spec., J. Háva det. (NHMI).

Distribution: Species known from Algeria, Morocco and Tunisia. New record for Israel.

Attagenus barbieri Pic, 1946

Material examined: „Israel, Wadi Auja, 10 km N., 2.5.1976“, 1 spec., J. Háva det. (NHMI); „Israel, Ne`ot Semedar, 30°03'N35°01'E, 11.iv.2002, A. Freidberg lgt.“, 1 spec., J. Háva det. (JHAC); „Israel, Tel Aviv, 13.v.1976, Bytinski-Salz leg.“, 1 spec., J. Háva det. (NHMI); „Israel,

Nahal Shahaq, Shezaf Nat. Res., 120m, 30°45.00'N35°15.26'E, 24.ii.1997, O. Niehuis lgt., 1 spec., (NHMI).

Distribution: Species known from Egypt. New record for Israel.

***Attagenus brunneopunctatus* (Pic, 1893)**

Material examined: „Israel, Holon, 17.iii.1986, E. Shney-Dor lgt.“, 1 spec., J. Háva det. (NHMI); „Israel, Nahal Zohar, 17.v.1997, R. Hoffman lgt.“, 1 spec., J. Háva det. (NHMI); „Israel, Bet Ezra, 15.iii.1978, D. Furth lgt.“, 1 spec., J. Háva det. (JHAC); „Israel, Gan Yavne, 28.iv.1973, D. Furth lgt.“, 1 spec., J. Háva det. (NHMI); „Israel, Sinai, Refidim, 12.iv.1974, D. Furth lgt.“, 3 spec., J. Háva det. (2 NHMI, 1 JHAC).

Distribution: Species known from Egypt, Tunisia and Syria. New record for Israel and the Sinai Peninsula. Please note that the last above mentioned locality “Israel, Sinai, Refidim” represents the Sinai Peninsula (Egypt) that was under Israeli control in 1974.

***Attagenus civetta* (Mulsant et Rey, 1868)**

Material examined: „Palestine, Jericho, iv.1931, F. S. Bodenheimer“ \ „*Attagenus aurantiacus*“, 1 spec., J. Háva det. (NHMI); „Israel, 21(4) R. Avishov 17.v.2002, Y. Mandelik, V. Chikatunov lgt.“, 2 spec., J. Háva det. (NHMI); „Israel, Rt.171, Bor Loz 3 km West, 8.v.2003, A. Freidberg lgt.“, 1 spec., J. Háva det. (NHMI).

Distribution: Species known from Malta, Spain, Algeria, Libya, Morocco and Tunisia. New record for Israel.

***Attagenus cyphonoides* Reitter, 1881**

Material examined: „Israel, Jerusalem, 26.vii.1971, MT.“, 1 spec., J. Háva det. (NHMI); „Israel, N Shaharut, 27.vii.2002, 5-6, M. Finkel lgt.“, 3 spec., J. Háva det. (2 NHMI, 1 JHAC).

Distribution: Cosmopolitan species. New record for Israel.

***Attagenus leprieuri* (Reitter, 1886)**

Material examined: „Israel, Nizzanim, 8.vi.2004, L. Friedman, lgt.“, 2 spec., J. Háva det. (NHMI, JHAC).

Distribution: Species is known from Egypt. New record for Israel.

***Attagenus scalaris* (Pic, 1894)**

Material examined: „Israel, Yeriho, 5.x.2002, light trap, V. Kravchenko, V. Chikatunov lgt.“, 3 spec., J. Háva det. (2 NHMI, 1 JHAC); „Israel, Tel Aviv, Ramat Aviv, 15.iii.1995, V. Chikatunov lgt.“, 3 spec., J. Háva det. (2 NHMI, 1 JHAC); „Israel, Enot Zuqim, 7.xi.1996, on *Tamarix* sp., L.

Friedman lgt.“, 2 spec., J. Háva det. (NHMI); „Israel, Zofar, 5 km S, 10.vi.1997, L. Friedman lgt.“, 1 spec., J. Háva det. (NHMI).

Distribution: Species known from Egypt and Libya. New record for Israel.

***Attagenus simonis* Reitter, 1881**

Material examined: „Israel, Abu Gosh, c.13.1.iv.1948, A. Moscona lgt.“ \ „*Attagenus pictus* Ball., R. D. Pope det. 1947“, 1 spec., J. Háva det. (NHMI); „Israel, 318(7), Adullam, 17.viii.2003, U. Columbus, T. Levanony lgt.“ \ „*Attagenus pictus* V. Chikatunov det.“, 1 spec., J. Háva det. (NHMI).

Distribution: Species known from Egypt, Tunisia, Israel, Jordan, Lebanon and Syria.

Remarks: The mentioned specimens determined as *A. pictus* were selected from specimens of the larger material of *A. simonis* deposited in the NHMI.

***Attagenus uniformis* Fairmaire, 1860**

Material examined: „Palestine, Subeita Negev, 3.4.1945, J. Wahrman lgt.“ \ „*Attagenus obtusus* Gyll., R. D. Pope det. 1950“, 1 spec., J. Háva det. (NHMI); „Israel, Ramon, 10.iii.1975, D. Furth lgt.“, 1 spec., J. Háva det. (NHMI).

Distribution: Species known from Sicily, Algeria, Egypt, Libya, Morocco, Tunisia, Iraq and Syria. New record for Israel.

***Globicornis (Globicornis) picta* (Küster, 1851)**

Material examined: „Israel, Montfort, 1.v.1973, D. Furth lgt.“, 1 spec., J. Háva det. (NHMI).

Distribution: Species known from southern Europe, Egypt, Turkey and Jordan. New record for Israel.

***Trogoderma inclusum* LeConte, 1854**

Trogoderma meridionalis Kraatz, 1858

Trogoderma testaceum (sic!): Chikatunov, 2000 (nomen nudum)

Material examined: „Israel, Hazeva, 20.vii.1980, A. Hefetz lgt.“, 4 spec., J. Háva det. (3 NHMI, 1 JHAC); „Israel, Rehovot, 21.iii.1968, coll.“, 1 spec., J. Háva det. (NHMI).

Distribution: Species known from Europe, Canary Is., Turkey, Algeria, Egypt, Morocco, Tunisia, South Africa, Peru, Canada, USA, India, Iran, Iraq, Japan, Russia, Thailand, Australia and New Zealand. New record for Israel.

Note. 1: *Attagenus auranticus* [sic!] Reitter, 1900 = *Attagenus aurantiacus* Reitter, 1900. Recently revised specimens of this listed species belong to the species *Attagenus civetta* (Mulsant et Rey, 1868).

Note. 2: *Attagenus fallax* Gené, 1839. Recently revised specimens of this listed species belong to *Attagenus addendus* Sahlberg, 1903 described as var. of *A. fallax*.

Note. 3: *Attagenus pictus* Ballion, 1871. Recently revised specimens of this listed species belong to *Attagenus simonis* Reitter, 1881.

Note. 4: *Attagenus trifasciatus* (Fabricius, 1787). Recently revised specimens of this listed species belong to *Attagenus heydeni* (Reitter, 1881) and *A. barbieri* Pic, 1946.

Note. 5: *Trogoderma syriaca* Dalla Torre, 1911 = new recently described species *T. schawalleri* Háva, 2007.

Note. 6: *Trogoderma testaceum* (sic!) Kraatz, 1858 (nomen nudum). This species is undescribed and evidently confused with the original *T. meridionalis* Kraatz, 1858. *T. meridionallis* Kraatz, 1858 is synonym of *T. inclusum* LeConte, 1854 (HÁVA 2003).

Appendix 1. List of known Carpet Beetles (Dermestidae) from Israel

The list contains all taxa described, recorded or mentioned till August 31, 2006 from Israel including the territories under control of the Palestinian Authority. The species present in the Sinai Peninsula, Syria and Lebanon and not in Israel are not mentioned. This limitation applies also to species of the world distribution. All species from Israel and adjacent areas are mentioned on: <http://www.dermestidae.wz.cz>.

Subfamilies division of Dermestidae is according to LAWRENCE & SLIPINSKI (2005). Genera division of Dermestidae is according to HÁVA (2004b).

* = new records for Israel (including the territory under control of the Palestinian Authority).

Dermestinae Latreille, 1807

Dermestini Latreille, 1807

Dermestes (Dermestes) ater DeGeer, 1774

Dermestes (Dermestes) bicolor bicolor Fabricius, 1781

Dermestes (Dermestes) lardarius Linnaeus, 1758

Dermestes (Dermestinus) frischii Kugelann, 1792

Dermestes (Dermestinus) maculatus DeGeer, 1774

Dermestes (Dermestinus) loebli Háva, 2002
Dermestes (Dermestinus) sardous asiaticus Háva, 2002
Dermestes (Dermestinus) undulatus Brahm, 1790

Thorictinae Agassiz, 1846

Thaumaphrastini Anderson, 1949

Thorictodes heydeni Reitter, 1875

Thorictini Agassiz, 1846

Thorictus ciliatus Reitter, 1881

Thorictus dimidiatus Peyron, 1857

Thorictus dispar Baudi di Selve, 1870

Thorictus foveicollis Reitter, 1880

Thorictus grandicollis grandicollis Germar, 1842

Thorictus loricatus Peyron, 1857

Thorictus orientalis Peyron, 1857

Thorictus pilosus Peyron, 1857

Thorictus tuberosus Reitter, 1881

Orphilinae LeConte, 1861

Orphilini LeConte, 1861

Orphilus beali Zhantiev, 2001

Trinodinae Casey, 1900

Trinodini Casey, 1900

Evorinea flava (Motschulsky, 1863)

Trinodes hirtus (Fabricius, 1781)

Attageninae Casey, 1900

Attagenini Casey, 1900

Attagenus addendus Sahlberg, 1903

Attagenus attenuatus (Pic, 1894)

**Attagenus barbieri* Pic, 1946

Attagenus bifasciatus (Olivier, 1790)

Attagenus brunneus Faldermann, 1835

Attagenus dalmatinus Küster, 1847

**Attagenus brunneopunctatus* (Pic, 1893)

**Attagenus civetta* (Mulsant et Rey, 1868)

**Attagenus cyphonoides* Reitter, 1881

Attagenus fasciatus (Thunberg, 1795)
Attagenus cinnamomeus Roth, 1851
Attagenus gloriosae (Fabricius, 1798)
Attagenus heydeni (Reitter, 1881)
 **Attagenus leprieuri* (Reitter, 1886)
Attagenus lynx (Mulsant et Rey, 1868)
Attagenus obtusus (Gyllenhal in Schönherr, 1808)
Attagenus posticalis Fairmaire, 1878
 **Attagenus scalaris* (Pic, 1894)
Attagenus simonis Reitter, 1881
Attagenus simplex Reitter, 1881
Attagenus tessellatus (Reitter, 1886)
Attagenus unicolor unicolor (Brahm, 1790)
 **Attagenus uniformis* Fairmaire in Fairmaire et Coquerel, 1860

Megatominae Leach, 1815

Anthrenini Casey, 1900

Anthrenus (Anthrenus) crustaceus Reitter, 1881
Anthrenus (Anthrenus) delicatus delicatus Kiesenwetter, 1852
Anthrenus (Anthrenus) festivus Erichson, 1848
Anthrenus (Anthrenus) flavipes flavipes LeConte, 1854
Anthrenus (Anthrenus) munroi Hinton, 1943
Anthrenus (Anthrenus) pimpinellae pimpinellae (Fabricius, 1775)
Anthrenus (Anthrenus) scrophulariae scrophulariae (Linnaeus, 1758)
Anthrenus (Anthrenus) simonis Reitter, 1881
Anthrenus (Anthrenodes) israelicus Háva, 2004
Anthrenus (Anthrenodes) jordanicus Pic, 1934
Anthrenus (Anthrenodes) umbellatarum Chobaut, 1898
Anthrenus (Anthrenops) coloratus Reitter, 1881
Anthrenus (Florilinus) museorum (Linnaeus, 1761)
Anthrenus (Florilinus) sordidulus Reitter, 1889
Anthrenus (Nathrenus) bulirschi Háva, 2000
Anthrenus (Nathrenus) molitor Aubé, 1850
Anthrenus undatus (sic!) Aubé, 1850: Finkel et al. 2002 (nomen nudum)
Anthrenus (Nathrenus) verbasci (Linnaeus, 1767)

Megatomini Ganglbauer, 1904

Ctesias (Decemctesias) syriaca Ganglbauer, 1904
 **Globicornis (Globicornis) picta* (Küster, 1851)

Globicornis (Globicornis) rufoguttata Pic, 1899
Globicornis (Globicornis) signatipennis Pic, 1899
Phradonoma draco Háva, 2006
Phradonoma hirsutulum (Reiche in Mulsant et Rey, 1868)
Phradonoma nobile (Reitter, 1881)
Phradonoma spectrum Háva, 2006
Trogoderma glabrum (Herbst, 1783)
Trogoderma granarium Everts, 1898
**Trogoderma inclusum* LeConte, 1854
Trogoderma schawalleri Háva, 2007

Discussion

The revision of literature records and material brought altogether 68 species of carpet beetles from the territory of the State of Israel (including the territories under control of the Palestinian National Authority) (Appendix 1). However, this list does not include cosmopolitan species. Eleven new records for Israel are presented. Undoubtedly, the list will grow with the additional collection effort and perhaps with the revisions of the material kept in other museums. We did not mention three species (*Attagenus persicus* Reitter 1881, *A. tigrinus* (Fabricius 1792), *A. reitteri* Mroczkowski, 1868) that were presented by SAHLBERG (1912-1913) from "Palestine" (= present Israel), because we think that their presence needs to be verified. *A. persicus* was recorded as *Attagenus bifasciatus* var. *persicus* Reitt. from the surrounding of the Genezareth (= Kinneret) lake and at present it is known from Iran. *A. tigrinus* was mentioned as *Attagenus bifasciatus* var. *tigrinus* Fabr. from Jerusalem and Jericho and it is known from Italy, Malta, Sardinia, Sicily and North Africa. *A. reitteri* Mroczkowski, 1868 was referred as *Telopes antennatus* Reitt. from Jericho and the Judean Desert and nowadays it is known from North Africa, Spain and Portugal.

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