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Anthrenus (*Nathrenus*) *zahradniki* sp. n. (Coleoptera: Dermestidae) from Turkey

Anthrenus (*Nathrenus*) *zahradniki* sp. n. (Coleoptera: Dermestidae) z Turecka

Jiří HÁVA

Branická 13, CZ-147 00 Praha 4, Czech Republic; e-mail: jh.dermestidae@volny.cz

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Abstract. *Anthrenus* (*Nathrenus*) *zahradniki* sp. n. from Turkey is described, figured and compared to very similar species *A.* (*N.*) *biskrensis* Reitter, 1886.

The subgenus *Nathrenus* Casey, 1900 of *Anthrenus* O. F. Müller, 1764 includes 15 species from the Palaearctic region (Mroczkowski 1968, Zhantiev 1976, Háva 2000, 2003). The new species habitually very similar to *A.* (*N.*) *biskrensis* Reitter, 1886.

Among the material from the subgenus *Nathrenus* Casey, 1900 of the genus *Anthrenus* O. F. Müller, 1764 collected recently by Czech entomologists in Turkey, a new species has been discovered.

All material studied is deposited in the following collections: NMPC – National Museum, Praha, Czech Republic; JHAC – author´s private collection; MKLC – Miroslav Klícha, private collection, Praha, Czech Republic; PZAC – Petr Zahradník, private collection, Praha, Czech Republic.

Red printed label with the following text: "HOLOTYPE [or PARATYPE, respectively] *Anthrenus* (*Nathrenus*) *zahradniki* sp. n. Jiří Háva det. 2003" has been attached to each specimen of the type series.

Anthrenus (*Nathrenus*) *zahradniki* sp. n.

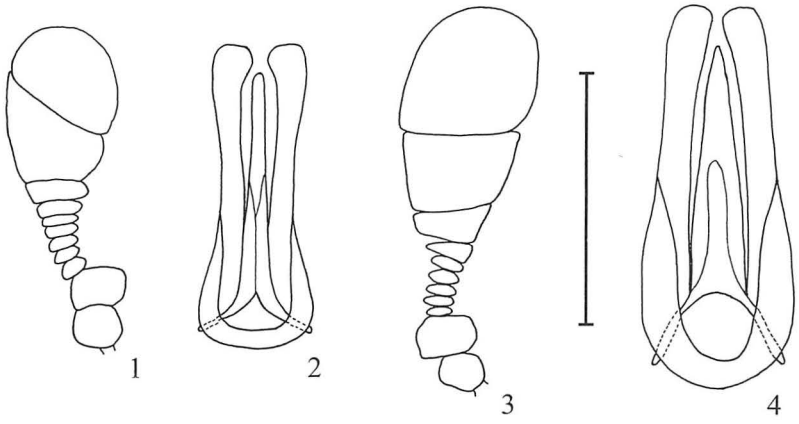
(Figs 1-2)

Type material. Holotype ♂, labelled: "TURKEY, Antalya prov., Alanya env., 14.vi.1996, P. Zahradník lgt." (NMPC). Paratypes: 1 ♀, labelled: "TURKEY, Antalya prov., Elmali env., 800-1600 m, Avlanbeli gec., 14-17.vi.1996, V. Švihla lgt." (JHAC); 3 ♂♂, 3 ♀♀, labelled: "TURKEY SW, Izmir, Selcuk-Ephesos, 30.vi.2002, M. Klícha lgt." (2 ♂♂, 2 ♀♀ JHAC, 1 ♀ MKLC, 1 ♀ PZAC); 2 ♂♂, 1 ♀, labelled: "TURKEY SW, Milas – Mutluca, 4.vii.2002, M. Klícha lgt." (JHAC).

Description. Holotype body length 2.8 mm, width 1.7 mm; body oval, coloration brown. Dorsal surface covered by black, white and yellow scales. Individual scales narrowly subtriangular or narrowly subparallel. Head covered by intermixed black and white scales. Frontal median ocellus present. Antennae (Fig. 1) including club brown, consisting of 11 antennomeres; club compact, consisting of three antennomeres. Eye with median margin entire. Disc of pronotum covered by black scales, other parts covered by intermixed white and yellow scales. Each elytron covered by black scales and with three transverse bands covered by intermixed white and yellow scales: one band on humerus, one at midlength and one near the apex; margins of white bands covered by yellow scales. Ventral surface of body covered by white scales; prosternum with only white scales; metasternum with white scales, without a large patch at

lateral margin. Legs brown, with white scales and white setae. Abdominal sternites not bearing small spots of scales at antero-lateral margins. Sternites I-IV without spots in the middle and covered only by white scales. Aedeagus as in Fig. 2.

Female habitually similar to male, showing no external differences in morphology.



Figs 1-4: *Anthrenus* (*Nathrenus*) *zahradniki* sp. n. (holotype): 1 – antenna of male, dorsal view, 2 – aedeagus, ventral view; *Anthrenus* (*Nathrenus*) *biskrensis* Reitter, 1886 (Algeria: Biskra): 3 – antenna of male, dorsal view, 4 – aedeagus, ventral view. (All figures without setation). Scale: 0,25 mm.
Obr. 1-4: *Anthrenus* (*Nathrenus*) *zahradniki* sp. n. (holotypus): 1 – tykadlo samce, dorsální pohled, 2 – aedeagus, ventrální pohled; *Anthrenus* (*Nathrenus*) *biskrensis* Reitter, 1886 (Alžír: Biskra): 3 – tykadlo samce, dorsální pohled, 4 – aedeagus, ventrální pohled. (Všechny obrázky bez chloupkování). Měřítko: 0,25 mm.

Variability. Both male and female body length 2.1-2.8 mm, width 1.5-1.7 mm.
Differential diagnosis. *Anthrenus* (*Nathrenus*) *zahradniki* sp. n. is habitually very similar to *A.* (*N.*) *biskrensis* Reitter, 1886 from Malta, Sicily, Algeria, Morocco and Tunisia. It differs from the latter by the shape of antennae and male genitalia. In *A.* (*Nathrenus*) *zahradniki* sp. n., the antennomeres forming the club are not very broad (Fig. 1) and the aedeagus is very narrow in the middle (Fig. 2). In *A.* (*N.*) *biskrensis* Reitter, 1886, the respective antennomeres are very broad (Fig. 3) and the aedeagus is very broad in the middle (Fig. 4).
Name derivation. Dedicated to my friend Petr Zahradník (Praha, Czech Republic), well-known specialist in Anobiidae (Coleoptera).

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SOUHRN

V práci je popsán druh *Anthrenus* (*Nathrenus*) *zahradniki* sp. n. z Turecka. Podrod *Nathrenus* Casey, 1900 rodu *Anthrenus* O. F. Müller, 1764 zahrnuje 15 druhů z palearktické oblasti. Nový druh je habituelně velmi podobný druhu *A.* (*N.*) *biskrensis* Reitter, 1886, od něhož se liší především tvarem aedeagu a tvarem tykadel. Diagnostické znaky obou druhů jsou vyobrazeny.