

**First country record of *Dinothenarus (Dinothenarus) flavocephalus adonis*  
(Coleoptera: Staphylinidae: Staphylininae)  
from Jordan**

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**Abstract.** First country record of *Dinothenarus (Dinothenarus) flavocephalus adonis* (Coiffait, 1956) from Jordan is presented.

**Key words.** Distribution, first record, Coleoptera, Staphylinidae, Middle East, Palearctic region.

INTRODUCTION

The rove beetles (Staphylinidae) is most diverse family of the order Coleoptera, comprising about 64,000 species belonging to 33 subfamilies in all zoogeographical regions of the world (Newton 2021). Family Staphylinidae is worldwide in distribution but more diverse in tropical and temperate regions than in arctic areas, and more diverse in moist forested areas than in drier areas or deserts (Thayer 2005). Compared to most other regions of the Western Palearctic, the current knowledge of the staphylinid fauna of the Middle East is still rather incomplete (Anlaş 2009, Anlaş & Newton 2010, Anlaş & Devici 2011).

The genus *Dinothenarus* was described by Thomson (1858) and in the current concept it is classified into two subgenera (*Dinothenarus* Thomson, 1858 and *Parabemus* Reitter, 1909) with 31 formally described species (Schülke & Smetana 2015, Newton 2021). From the Middle East are so far known only six taxa: *Dinothenarus (D.) flavocephalus adonis* Coiffait, 1956 (Iran, Iraq, Israel, Lebanon, Syria, and Anatolia), *D. (D.) flavocephalus flavocephalus* Goeze, 1777 (Anatolia), *D. (D.) pubescens mediorientalis* Bordoni, 1984 (Lebanon), *D. (D.) pubescens pubescens* De Geer, 1774 (Anatolia), *D. (P.) arrosus* Eppelsheim, 1890 (Anatolia), and *D. (P.) sibiricus* Gebler, 1830 (Iran) (Schülke & Smetana 2015, Newton 2021).

*Dinothenarus (D.) flavocephalus flavocephalus* was described by Goeze in 1777. After this, Coiffait (1956) described subspecies *D. (D.) f. adonis* from “Liban [!] Jérusalem”. The difference between the subspecies is only in the length of the parameres and median lobe (see Coiffait 1956, 1974). Nominotypical subspecies occurs widespread in Europe, Caucasus, and also known from Anatolia, where it occurs together with subspecies *D. (D.) f. adonis*. Subspecies *D. (D.) f. adonis* so far known from most countries in the Middle East, except Jordan (e.g., Schülke & Smetana 2015, Newton 2021). In this paper, the first country record of *D. (D.) flavocephalus adonis* from Jordan is presented.

## MATERIAL AND METHODS

Habitus photographs were taken using a Canon EF-S 60mm f/2.8 Macro USM lens attached to a Canon EOS 70D camera. Partially focused images of each specimen were combined using Zerene Stacker (Zerene Systems LLC, Richland, USA). All pictures were digitally enhanced using Adobe Photoshop CC. Distribution map was produced and edited in ESRI ArcMap 10.6 of ArcGIS Desktop 10.6 suite. For map layers, free levels 0–1 data from Global Administrative Areas (<http://www.gadm.org>, ver. 2.8), Natural Earth (<http://naturalearthdata.com>, Natural Earth 1 with Shaded Relief, Water, and Drainages), combined with World Shaded Relief (<https://www.arcgis.com/home/item.html?id=9c5370d0b54f4de1b48a3792d7377ff2>) (with 45 % transparency) were used. For distribution maps, was used present data.

## RESULTS

### *Dinothenarus (Dinothenarus) flavocephalus adonis* (Coiffait, 1956) (Figs 1–3)

RECORD. **Jordan**: Irbid Province: W of Foarah, 32°37'05"N 35°44'27"E, ca. 300 m, 20–22.xii.2019, 1 ♀, under a stone, L. Hružová, D. Král & D. Sommer lgt., D. Sommer det. 2021, coll. L. Hružová.

DIAGNOSIS. Total body length 17 mm. Head orange with pale orange macrosetation. Maxillary and labial palpi brownish to black. Mandibles orange, apex black. Clypeus closely notched. Pronotum black with black macrosetation, but with a few orange spots with pale orange hairs. Elytra black, anterior angles with orange spots, macrosetation black and pale orange. Scutellum triangular, with deep black tomentose macrosetation. Abdominal tergites with black macrosetation and scattered spots of golden-yellow to white macrosetae. Antennae orange (I–V) and black (VI–XI). Legs black, femura behind apex pale brown; all tarsi slightly paler.

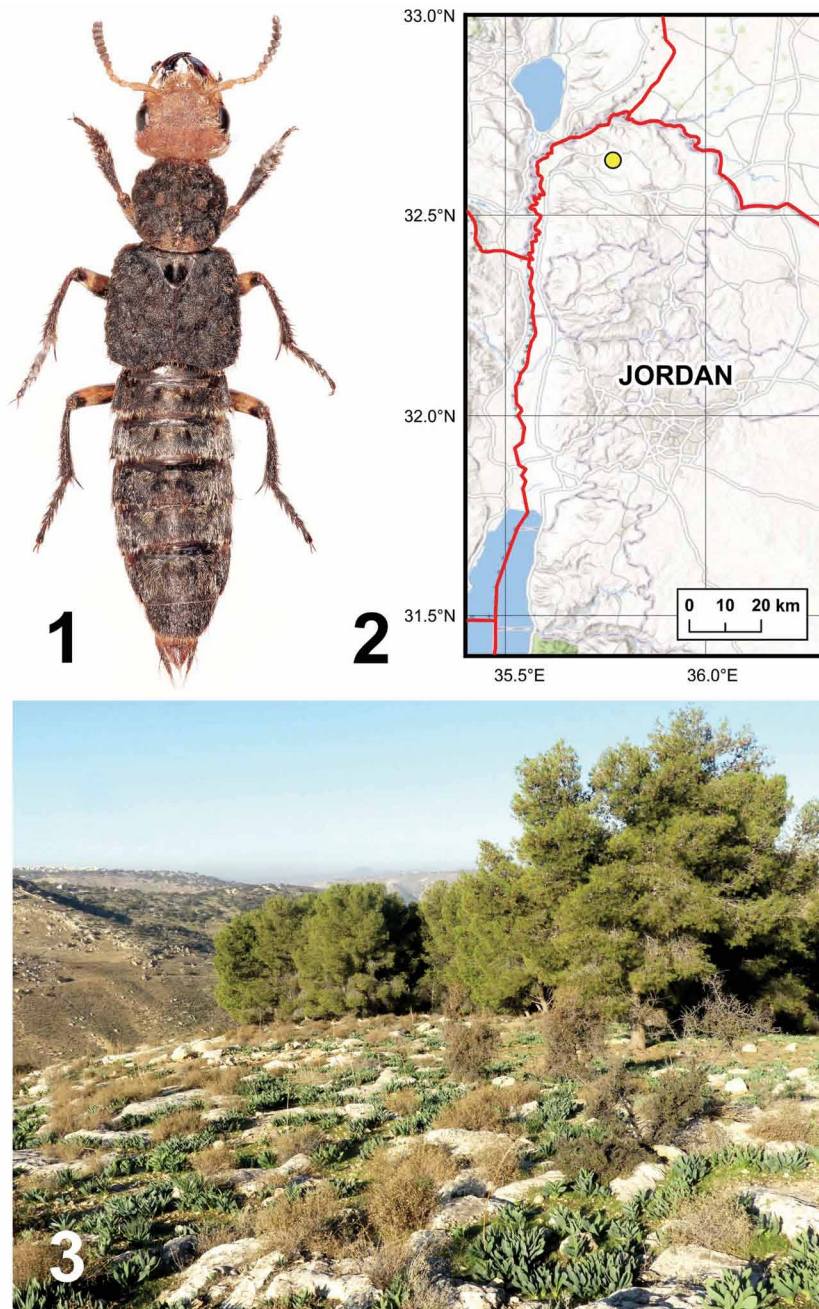
DISTRIBUTION. Currently known from Iran, Iraq, Israel, Lebanon, Syria, and Anatolia (Shülke & Smetana 2015, Newton 2021). First country record from Jordan.

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Figs 1–3. *Dinothenarus (Dinothenarus) flavocephalus adonis* (Coiffait, 1956) from Jordan, W of Foarah. 1 – habitus in dorsal view (body length: 17 mm); 2 – sketch map of the northwestern Jordan and adjacent area on which the distribution of *D. (D.)f. adonis* is marked; 3 – habitat of *D. (D.)f. adonis*, environs of Foarah, Jordan. Photo by David Král (December 2019).

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