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Orientoreicheia bodenheimeri sp. n. from Israel (Coleoptera: Carabidae)

Orientoreicheia bodenheimeri sp. n. z Izraele (Coleoptera: Carabidae)

Petr BULIRSCH

Wolkerova 18, CZ-410 02 Lovosice, Czech Republic

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Abstract. *Orientoreicheia bodenheimeri* sp. n. from Israel is described, illustrated and compared with related species. A key to the species of the genus *Orientoreicheia* Bulirsch et Hůrka, 1994 is given.

The genus *Orientoreicheia* with a single species and two subspecies was established and distinguished from the related genera of the subtribe Reicheiina Basilewsky, 1980 by Bulirsch & Hůrka (1994). The material recently sent to me (my heartly thanks are due to Messrs Prof. V. Chikatunov, Dr. A. Freidberg and Dr. T. Pavlíček) contains two specimens of a new species belonging to this genus. The genus was so far known only from the West Caucasus; the new species, which is described below, was collected in Israel and therefore significantly widens the known distribution of the genus.

The morphological terms and methods of measurement of total length and proportions of different body parts follow Fedorenko (1996).

Orientoreicheia bodenheimeri sp. n.

Description. Body yellowish brown, antennae, mouthparts and legs yellow. Body length 1.90 mm (holotype), 1.95 mm (paratype).

Head. Frons with oblique impressions and with a sharp and very short longitudinal keel between them. Eyes strongly reduced to a small, nearly unfacetted field. Antennae relatively long, second antennomere as long as third and fourth combined, fifth to tenth nearly square (as long as wide), ultimate longer than wide. Ultimate maxillary palpomere relatively long, hatchet-like.

Pronotum (Fig.1). Subcircular, smooth, microsculpture faint and irregular; lateral border complete, extending from the slightly protruding anterior angle to the connection with the median line at base of pronotum as a praebasal groove. Median line becoming slightly deeper anteriorly, markedly so towards base; front transverse impression absent. Width : length ratio 1.08 (holotype), 1.11 (paratype).

Protibia. Apical spine slightly bent outward in dorsal view, apical spur almost equally long, slightly curved. Lower marginal tooth obtuse but distinct, upper marginal tooth indistinct, strongly obtuse.

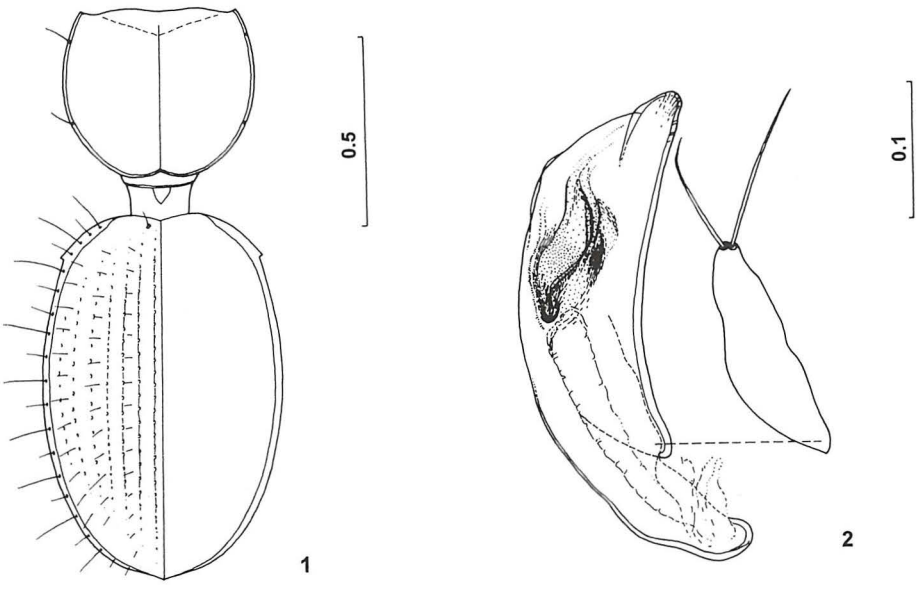
Elytra (Fig.1). Moderately convex, outline almost elliptical, maximum width at middle. Base smooth, without distinct granula, parascutellar setiferous puncture isolated and situated between projected extension of first and second stria. Shoulders rounded, slightly distinct. Lateral margin

very wide, with small humeral denticle, at base extended almost to projected extension of the fourth stria. Lateral border of elytra connected with the distinct basal border in obtuse angle. First to fourth elytral striae distinctly punctate and adjoining: first before apex, second to fourth more or less in posterior fifth of elytra. Fifth to seventh striae developed as rows of small punctures, not visible in posterior third or half of elytra. All striae distinctly shortened at base. First to third intervals almost flat, other intervals flat; third, fifth and seventh with a row of setae. The umbilicate series are created from twenty pores. Width : length ratio 1.50 (holotype), 1.52 (paratype). Elytra length : pronotum length ratio 2.07 (holotype), 2.15 (paratype). Elytra width : pronotum width ratio 1.27 (holotype and paratype).

Metathoracic wings entirely absent.

Aedeagus. As in Fig. 2. Length 0.34 mm. Apex straight in lateral view.

Type material. Holotype, male, labelled "Palaestina [= Israel], Tel Aviv, 5.iv.1925, Bodenheimer [lgt.]". Paratype, female, labelled "Palaestina [= Israel], Ben Schemen, 12.iii.1925, Bodenheimer [lgt.]". The holotype is deposited in the collection of the Department of Zoology, Tel Aviv University, Tel Aviv; paratype in the collection of P. Bulirsch (Lovosice).



Figs 1-2. *Orientoreicheia bodenheimeri* sp. n., holotype, male; 1 - thorax and elytra dorsally; 2 - aedeagus laterally. Scales in mm.
Obr. 1-2. *Orientoreicheia bodenheimeri* sp. n., holotyp, samec; 1 - štít a krovky shora; 2 - aedeagus bočně. Měřítka v mm.

Name derivation. The new species is dedicated to the memory of Frederic Simon Bodenheimer (1897-1959), Professor of Zoology at the Hebrew University of Jerusalem, who collected the type species.

Differential diagnosis. All known taxa of the genus *Orientoreicheia* are differentiated in the following key.

Key to the species of the genus *Orientoreicheia* Bulirsch et Hůrka, 1994

1(2) Pronotum narrower - pronotum width : length ratio 1.03-1.08; elytra width: pronotum width ratio 1.32-1.43. Elytral striae slightly shortened at base, lateral striae deeper and longer. Aedeagus (Bulirsch & Hůrka 1994, Figs 5-7) with different inner sac structure, apex of the left paramere narrower. Length of body 2.0-2.55 mm West Caucasus ..... *O. caucasica* (Fleischer, 1921)

a(b) Aedeagus with apex distinctly bent downward in lateral view. Elytra relatively longer in the ratio to pronotum, index 2.25-2.30, average 2.28 ..... *O. caucasica rousi* Bulirsch et Hůrka, 1994

b(a) Aedeagus with apex almost straight in lateral view. Elytra relatively shorter in the ratio to pronotum, index 2.14-2.24, average 2.20 ..... *O. caucasica caucasica* (Fleischer, 1921)

2(1) Pronotum broader - pronotum width : length ratio 1.08-1.11; elytra width: pronotum width ratio 1.27. Elytral striae distinctly shortened at base, lateral striae very fine. Aedeagus (Fig. 2) with apex straight and wider, apex of the left paramere broader. Length of body 1.90-1.95 mm. Israel ..... *O. bodenheimeri* sp. n.

REFERENCES

BULIRSCH P. & HŮRKA K. 1994: Orientoreicheia gen. n., and O. caucasica rousi subsp. n., new taxa of subtribe Reicheiina from the West Caucasus (Coleoptera: Carabidae: Clivinini). *Acta Soc. Zool. Bohem.*, 57: 161-166.

FEDORENKO D. N. 1996: *Reclassification of world Dyschiriini, with a revision of the Palearctic fauna (Coleoptera, Carabidae).* Pensoft Publishers, Sofia - Moscow - St. Petersburg, 224 pp.

SOUHRN

V práci je popsán nový druh střevlíčka *Orientoreicheia bodenheimeri* z Izraele. Rod *Orientoreicheia* Bulirsch et Hůrka, 1994 byl dosud znám jen ze západního Kavkazu, kde byl nalezen jediný druh ve dvou poddruzích - *O. caucasica caucasica* (Fleischer, 1921) a *O. c. rousi* Bulirsch et Hůrka, 1994. *O. bodenheimeri* sp. n. byla nalezena ve dvou exemplářích zesnulým prof. F. S. Bodenheimerem v okolí Tel Avivu a je pojmenována na jeho počest. Oproti *O. caucasica* je menší, má relativně širší štít a jemnější vnější rýhy krovek; na basi krovek jsou rýhy více zkráceny. Aedeagus má z profilu širší a rovný apex i jinou strukturu vnitřního vaku.