

Anthia (Anthia) mannerheimi afghana ssp.n. — a new subspecies
from Central Afghanistan (Coleoptera: Carabidae)

Anthia (Anthia) mannerheimi afghana ssp.n. — новый подвид
из центрального Афганистана (Coleoptera: Carabidae)

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КЛЮЧЕВЫЕ СЛОВА: Carabidae, *Anthia*, новый подвид, Афганистан.

ABSTRACT. *Anthia (Anthia) mannerheimi afghana* ssp.n. from central Afghanistan is described and compared with the nominate subspecies.

РЕЗЮМЕ. Описан новый подвид *Anthia (Anthia) mannerheimi afghana* ssp.n. из центрального Афганистана. Приведены отличия от номинативного подвида.

Out of 19 known species of the subgenus *Anthia* Weber, 1801 [Lorenz, 2005], the only Palaearctic member is *A. (A.) mannerheimi* Chaudoir, 1842 [Bousquet, 2003], originally described from Northern Iran and known also from the adjacent areas of Turkmenistan and Uzbekistan. The discovery of a new subspecies in central Afghanistan extends the species range far southeast. This is the first Afghanistan record of *A. mannerheimi*.

The new taxon was discovered by the author among Oleg N. Kabakov's Afghanistan collection deposited at the Zoological Institute of Russian Academy of Science, St. Petersburg (ZIN).

Measurements taken: total body length (from posterior margin of clypeus to elytral apex along body axis), length of pronotum (along midline), width of pronotum (at widest point), length of elytra (from base to apex along suture), and width of elytra (at widest point).

Anthia (Anthia) mannerheimi afghana
Anichtchenko ssp.n.
Figs 1–3, 7–10 *

MATERIAL. **Holotype:** ♂, Afghan., Oruzgan, Sahrestan 2400m, 20.VII.1970, Kabakov. **Paratypes:** ♂, Afghan., Ghazni, Kharnay SW Moqur, 23.V.1973, Kabakov; 2♀♀, Afghan., Oruzgan, Sahrestan 2500m, 1.VII.1970, Kabakov; ♀, Afghan., Oruzgan, Sahrestan 2400m, 20.VII.1970, Kabakov. (All in ZIN.)

DESCRIPTION. Habitus shown on Figs 1 and 2. Total body length 34 mm in males, 32–34 mm in females. Body and appendages black. Head 7.5 mm wide, about 0.8 as

wide as the pronotum, with large bulging eyes. Head dorsally shiny, non-reticulated; with sparsely punctate vertex and a transverse depression between the mid-length of the eyes, variable in shape and depth. Antennomeres 1–3 covered above with white scales, antennomeres 4–11 pubescent. Pronotum 0.8–0.82 as wide as long in males, 0.72–0.74 in females, widest at the anterior fourth, behind which point narrows somewhat concavely towards posterior angles, more and abruptly in males. Posterior angles are conically protruding posterad in males; in females, slightly swollen as callosities narrowly divided along the middle. Lateral bead narrow and fades behind mid-length. Midline deeply impressed. Pronotum with scattered discal punctures and anterolateral maculae of white scalelike hair extending from anterior angles to mid-length. Epipleurae smooth. Elytra oblong oval, 1.52–1.58 as long as their combined width, widest around mid-length, each with 3–5 distinct discal punctate striae (Fig. 3); dull due to strong polygonal microsculpture; punctation uniform on the disc, denser laterad, punctures bearing decumbent dark hair. Each elytron with two rather small (usually under 1.5 mm) lateral round spots of white scalelike hair: one about one third of the elytral length, another shortly before the apex. Venter irregularly punctured and covered with long brown hair. Male genitalia shown on Figs 7–10.

DIAGNOSIS. Endophallus (Figs 11–14) as in the nominate subspecies (Figs 7–10). The new subspecies can be easily distinguished by its (I) small elytral spots (diameter <1.5 mm vs. 3.0–3.5 mm in the nominate subspecies) (Figs 1–2 and 4–5); (II) regular and more conspicuous elytral striae (barely visible in the nominate subspecies) (Figs 3, 6); (III) dull, reticulated elytral surface; and (IV) smaller, more slender body. Moreover, the two subspecies are markedly allopatric.

ETYMOLOGY. From Afghanistan, where this subspecies occurs.

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Figs 1–6. *Anthia mannerheimi*, habitus: 1–3 — *A. m. afghana* ssp.n.; 4–6 — *A. m. mannerheimi*; 1, 4 — males; 2, 5 — females; 3, 6 — elytral sculpture; 1 — holotype; 2 — paratype.

Рис. 1–6. *Anthia mannerheimi*, внешний вид: 1–3 — *A. m. afghana* ssp.n.; 4–6 — *A. m. mannerheimi*; 1, 4 — самцы; 2, 5 — самки; 3, 6 — скульптура надкрылья; 1 — голотип; 2 — паратип.

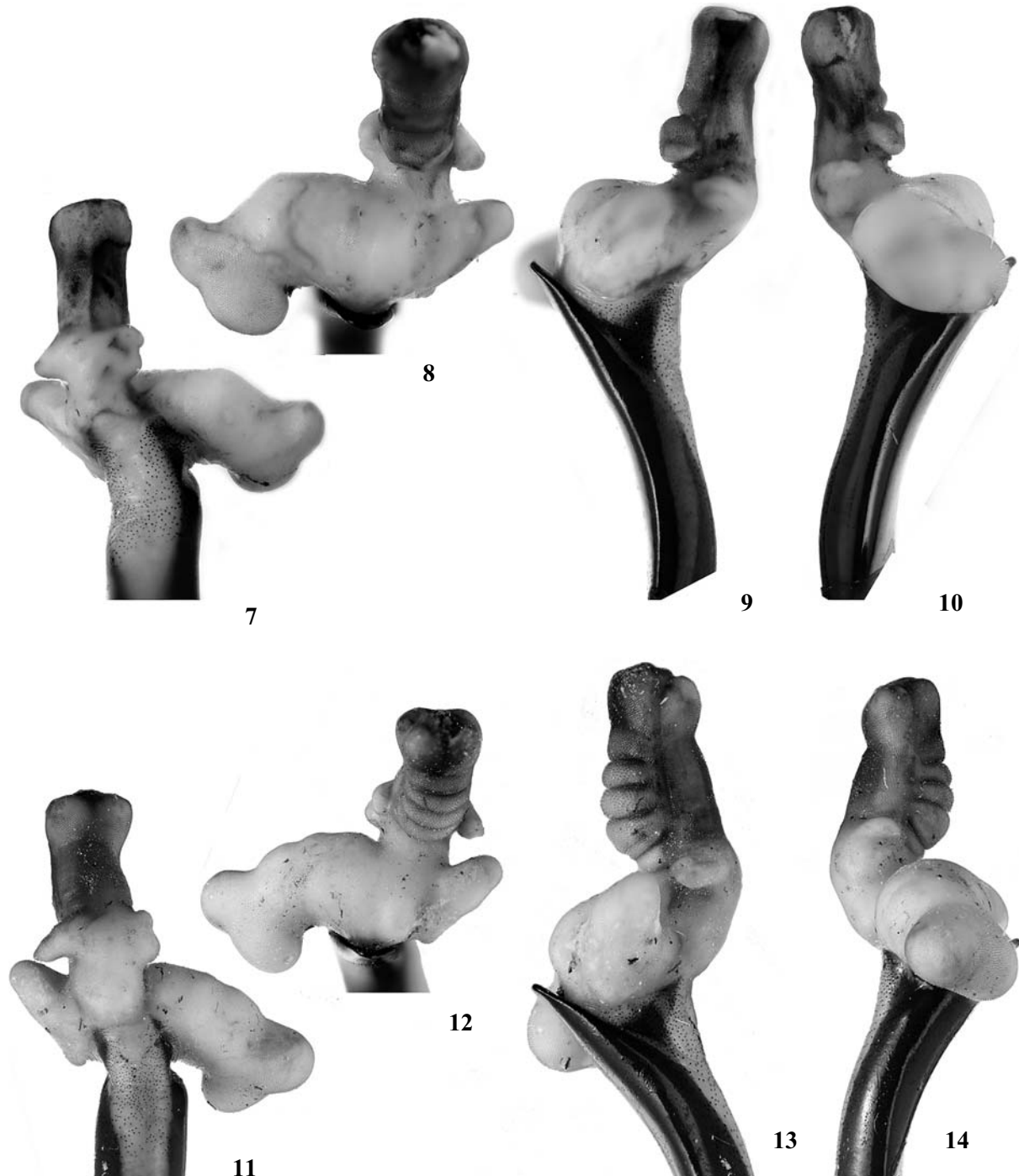
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Figs 7–14. *Anthia mannerheimi*, endophallus: 7–10 — *A. m. afghana* ssp.n.; 11–14 — *A. m. mannerheimi*; 7, 11 — ventral view; 8, 12 — apical view; 9, 13 — right view; 10, 14 — left view.

Рис. 7–14. *Anthia mannerheimi*, эндофаллус: 7–10 — *A. m. afghana* ssp.n.; 11–14 — *A. m. mannerheimi*; 7, 11 — снизу; 8, 12 — спереди; 9, 13 — справа; 10, 14 — слева.