

2006a, 2006b, 2009, 2011, Radchenko *et al.* 2007, Radchenko and Perkovsky 2009). Consequently, 17 myrmicine genera are known nowadays from the late Eocene European ambers.

Below we describe one more new myrmicine genus, *Boltonidris*, and place it in the tribe Stenammini. This tribe contains 17 genera, most of which are distributed in the Old World tropics and partly subtropics, though three genera are Neotropical. Only *Stenamma* Westwood can be considered as the predominantly Holarctic genus, and while it penetrates to the Neotropical and Oriental Regions, it is absent in the Afrotropical Region and in Australia. Among Stenammini genera only species of *Stenamma* and *Vollenhovia* Mayr are found in the Baltic Amber, all other genera are represented by extant species. Thus, *Boltonidris* is the first known extinct genus of Stenammini.

MATERIAL AND METHODS

We examined one worker (holotype) in a piece of Rovno amber that is preserved in the Shmalhausen Institute of Zoology of the Ukrainian National Academy of Sciences, Kiev (SIZK).

The figures are based on the photographs made using an Olympus Camedia C-3030 digital camera fitted to an Olympus SZX9 microscope in conjunction with the computer program CorelDraw 8.

Not all features were easily visible and measurable on the examined specimen; hence we measured only visible details (accurate to 0.01 mm).

Measurements:

- HL – length of head in dorsal view, measured in a straight line from the anterior point of median clypeal margin to mid-point of the occipital margin,
- HW – maximum width of head in dorsal view,
- FW – minimal distance between frontal carinae,
- FLW – maximal distance between outer borders of frontal lobes,
- OL – maximal diameter of eye,
- SL – maximum straight-line length of antennal scape seen in profile,
- AL – diagonal length of the alitrunk seen in profile, from the neck shield to the posterior margin of metapleural lobes,
- PNW – maximal width of pronotum,
- ESL – length of propodeal spine,
- HTL – length of tibia of hind leg,
- PL – maximum length of petiole from above,
- PH – maximum height of petiole in profile,
- PPL – maximum length of postpetiole from above,
- PPH – maximum height of postpetiole in profile,
- GL – length of gaster.

Indices:

- CI = HL/HW,
- FI = FW/HW,
- FLI = FLW/FW,
- SI₁ = SL/HL,
- SI₂ = SL/HW,
- PI = PL/PH,
- PPI = PPL/PPH;
- ESLI = ESL/HW;
- OI = OL/HW.

TAXONOMY

Boltonidris gen. nov.

Type species. *Boltonidris mirabilis* sp. nov., by monotypy.

Etymology. Dedicated to the distinguished British ant taxonomist, Dr. Barry Bolton.

Differential diagnosis. We place *Boltonidris* in the tribe Stenammini (*sensu* Bolton, 2003). It differs distinctly from the Stenammini genera that have no antennal scrobes (e.g. *Stenamma*, *Rogeria* Emery, *Vollenhovia* Mayr, etc.) by the structure of the mandibles, by the presence of the blunt horn-like teeth on pronotum, and by the presence of a distinct longitudinal medial groove on head dorsum.

Description. Head slightly widened posteriorly, with very weakly convex sides, occipital margin slightly concave medially; head dorsum with distinct longitudinal medial groove running from occipital margin to frontal triangle; antennae 12-segmented, with distinct 3-segmented club; median portion of clypeus narrowed from side to side and elevated; this elevated part with two lateral longitudinal carinae; frontal lobes narrow, sub-vertical, partly cover antennal sockets; frons narrow, antennal sockets quite closely approximated; antennal scrobes absent; eyes present, but small; mandibles triangular, quite stout, with well developed masticatory margin, which possesses a relatively long apical tooth and single very small triangular preapical denticle only; propodeum with sharp spines, pronotum with short, blunt horn-like teeth.

Boltonidris mirabilis sp. nov. (Figs 1–4)

Etymology. From Latin “*mirabilis*” – wonderful, extraordinary.

Material examined. Holotype worker, Rovno Amber, late Eocene, complete specimen, No. K-3581 (SIZK).

Description. Worker. Head somewhat longer than broad, slightly widened posteriorly, with very feebly