

***Haploprocta incognita* n. sp. from Canary Islands  
(Heteroptera, Coreidae)**

By Ernst HEISS (1) and Pierre MOULET (2)

(1) Entomol. Research Group, Tiroler Landesmuseum, J.Schrafflstrasse 2A, A-6020 Innsbruck (Austria);  
(2) Muséum Requiien, 67, rue Joseph Vernet, F- 84000 Avignon.

**Zusammenfassung**

Von den Kanarischen Inseln wird *Haploprocta incognita* n.sp. beschrieben. Sie unterscheidet sich von den beiden anderen, bisher bekannt gewordenen Arten *H. sulcicornis* (F.) und *H. umbrina* (JAK.) durch die angeführten Merkmale, welche auch abgebildet werden.

**Summary**

A new species of the genus *Haploprocta*, *incognita* n.sp. is described from Canary Islands. It differs from the other two species known so far from the Mediterranean Basin, *H. sulcicornis* (F.) and *H. umbrina* JAK., by several characters which are compared and figured.

**Résumé**

Une nouvelle espèce du genre *Haploprocta*, *incognita* n.sp. de Tenerife, Iles Canaries est décrite. Elle se distingue des autres espèces euro - méditerranéennes, *H. sulcicornis* (F.) et *umbrina* JAK., par les caractères indiqués et figurés.

Key words: Heteroptera, Coreidae, *Haploprocta*, new species, Canary Islands.

During investigation of material for "Additions to the Heteroptera-fauna of Canary Islands II" (HEISS & WOUDESTRA, 1993) some specimens of a *Haploprocta* from Tenerife could not be identified. Further comparative studies revealed, that they belong to a new species which is described below.

***Haploprocta incognita* n.sp. (fig.1-3,6)**

**DIAGNOSIS:** Larger species, easily distinguished from the other two species of the Mediterranean area, *sulcicornis* (F.) and *umbrina* JAK., by the broadly rounded lateral margins of the pronotum, the short antennae and the raised, basally depressed scutellum.

**DESCRIPTION:** Macropterous. General colour reddish-brown mottled with whitish spots. Surface and appendages irregularly punctured. These punctures are brown, larger, deeper and more dense on pronotum, sternum, scutellum and corium and darker but smaller, more shallow and sparse elsewhere. Whitish are the edge of the lateral margin of the pronotum, a median line on pronotum and basal half of reddish scutellum, the apex of the latter and a smooth spot on the postero-interior angle of dorsal laterotergites (dltg). Blackish are a line extending from the inner margin of eyes backwards, a stripe along the whitish edge of the antero-lateral margins of pronotum and the edge and anterolateral angle of dltg II to VI. Membrane brown, translucent.

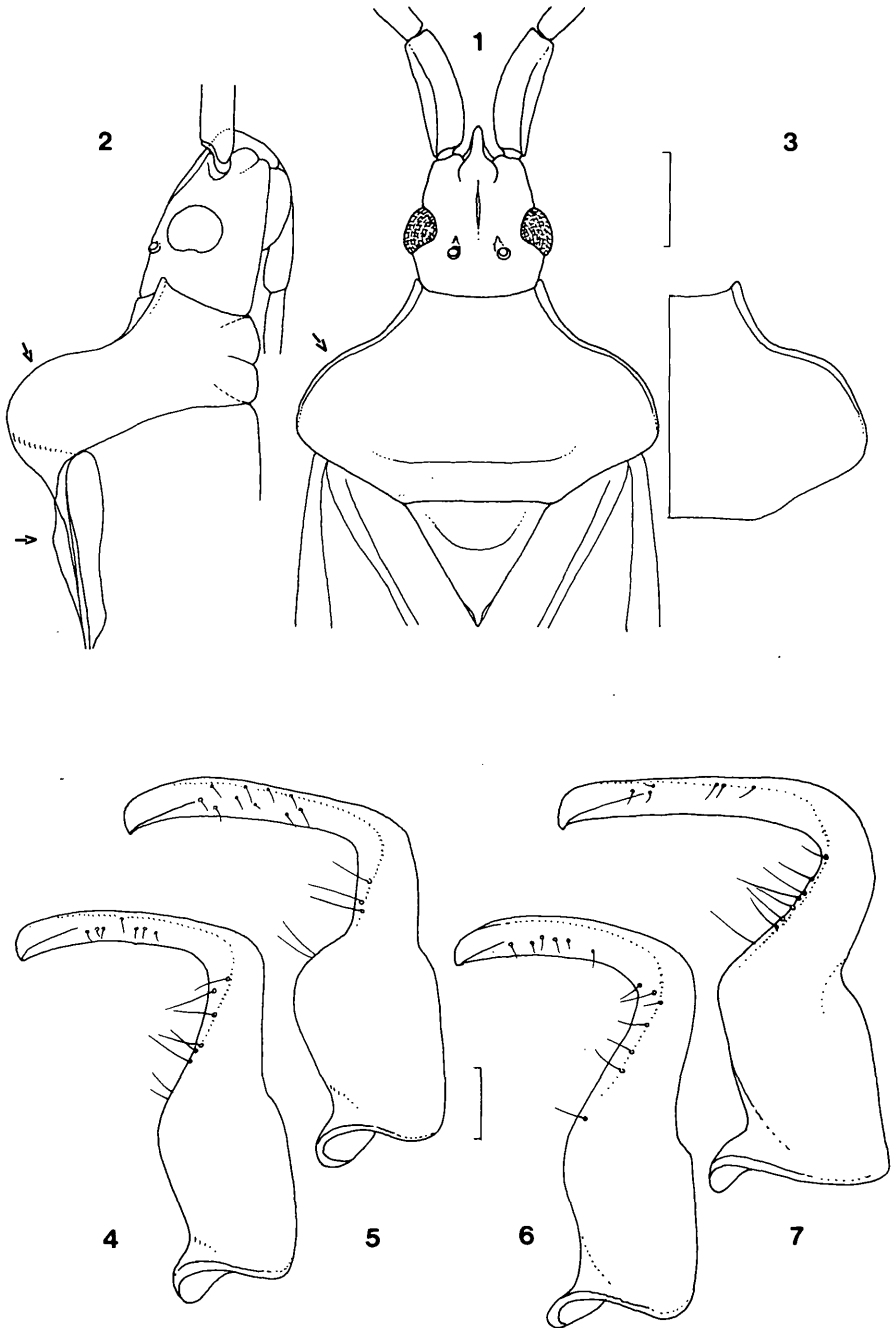


Fig.1 - 7. 1-3 *Haploprocta incognita* n.sp. holotype, 1- dorsal view, 2- lateral view, 3- pronotum paratype male; 4-7 right paramere, 4- *sulcicornis insularis* (La Palma), 5- *sulcicornis* (Almeria, Spain), 6- *incognita* n.sp. paratype (Tenerife), 7- *umbrina* (Greece, Rhodos). Scale fig. 1-3 = 1mm, fig. 4-7 = 0,1mm.

Head: Distinctly longer than wide. Tylus projecting anteriorly beyond juga, its apex narrowed and acute. Antennae shorter than in other species, 1.34 - 1.42 x as long as width of pronotum; length of segments I:II:III:IV = 1.2:1.75:1.55:0.9 mm, ratio segment I:width of head across eyes 0.86. Segments I,II and III of a triangular cross-section, IV fusiform.

Pronotum: Expanded posterolateral margin raised to humeral angles, broadly rounded, converging anteriorly, its edge thickened with acute anterior apex. Disk saddle-shaped between lateral expansions sloping towards anterior and posterior margin, with a transverse elevation on basal 1/4.

Scutellum: Triangular, raised medially with a semi-circular basal depression, apex narrowed.

Abdomen: Wider than pronotum, lateral margins of dorsal laterotergites rounded, in male also rounded posteriorly and completely covering the pygophore. All spiracles ventral. Membrane sometimes shorter than abdomen or slightly longer.

Genitalic structures: Pygophore large but similar to other species. Parameres hook-shaped, basal shaft slender, apical projection blade-like with coarse setae on inner face (fig.6).

Measurements: Holotype male: Total length 10.4 mm; width of abdomen across dltg IV 4.9 mm. Pronotum length 2.1 mm, width 3.8 mm. Length of paratypes (♂♂) 10.4 and 11.0 mm, (♀♀) 10.85 and 11.60 mm.

HOLOTYPE: Male labelled "Isl.Canarias, Tenerife, Buenavista, 13 IV 86 A.C. & W.N.Ellis" in Zoölog.Museum Amsterdam (ZMA).

PARATYPES: 1♂,2♀♀ collected with holotype in ZMA and EH collection. 1♂ "Tenerife, 1km N Arafo, 10.4.1989, 500 m, M.Moser-Mart. Schwartz" in coll EH.

Main differences between the three species so far known from Mediterranean region based on investigated material:

	<i>incognita</i> n.sp.	<i>sulcicornis</i> (and <i>ssp.insularis</i> )	<i>umbrina</i>
ratio ant.segm.I: width of head	0.84 - 0.88	1.07 - 1.27 (0.89 - 0.92)	1.14 - 1.16
lateral expansion of pronotum	broadly rounded fig.1,3	obtusely angulate fig.12,14-15	angularly rounded fig.9 - 11
anterolat.margin	sinuate	concave	straight
pronotum lateral profile	strongly bulged fig.2	angularly rounded fig.13	evenly rounded fig.8
scutellum	medially elevated with basal depression	straight not depressed	straight not depressed
dorsal laterotergites	with distinct trans- verse median whitish band on each dltg	only weakly banded	nearly unicolorous
parameres	shaft slender apical blade more stout, fig.6	shaft stout,inner margin rounded blade long, fig. 5 (shaft and blade slender, fig.4)	shaft subparallel blade long and slender, fig.7

*Haploprocta sulcicornis* (FABRICIUS,1794) is widespread in the Mediterranean Basin and Southern Europe and the only one known so far from Canary Islands, where it is represented by two forms: *ssp.insularis* LINDBERG, 1961, recorded from western Islands (Hiero, La Gomera, La Palma, Tenerife, Gran Canaria) and Madeira and the

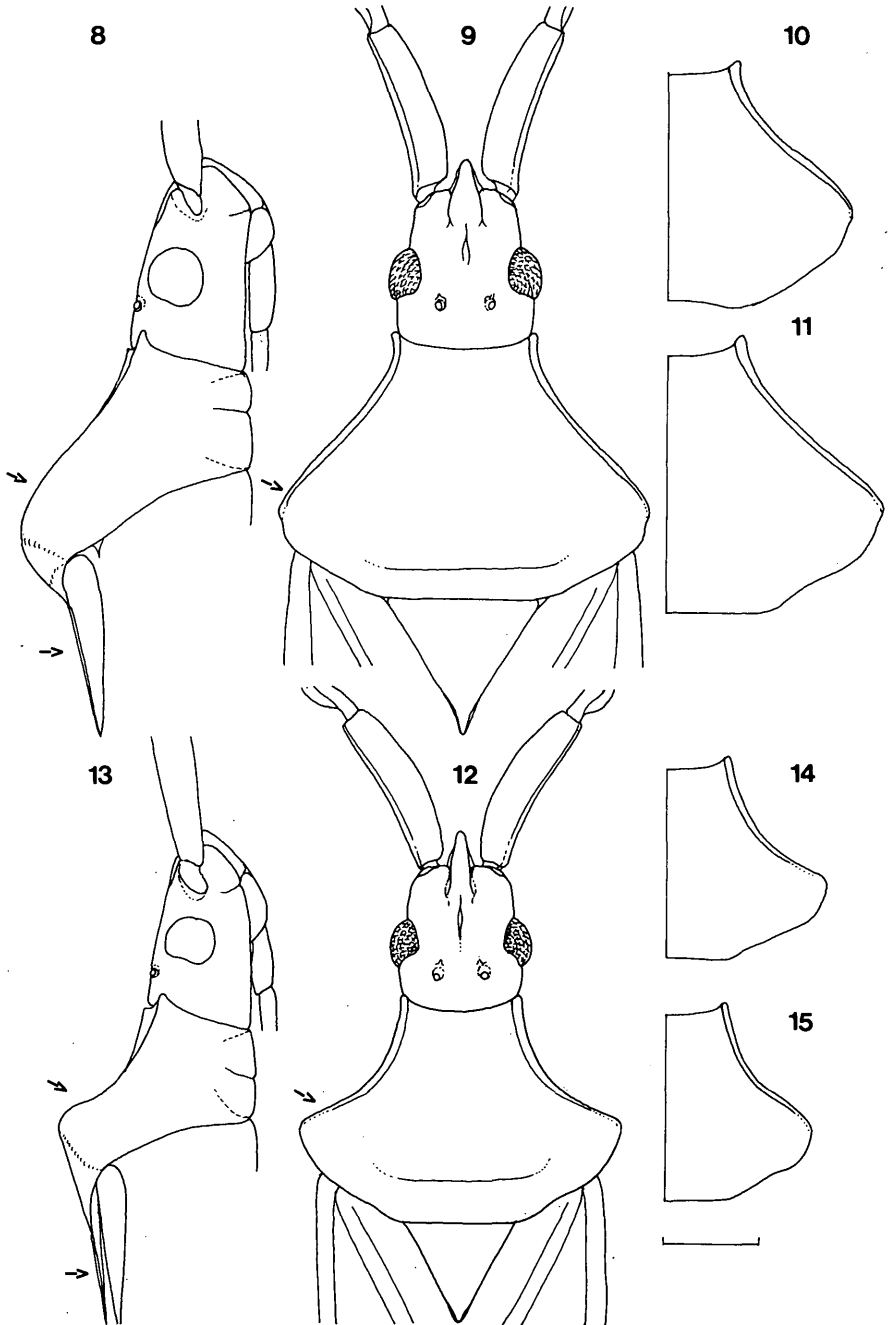


Fig.8 - 15. 8-11 *Haploprocta umbrina*, male (Rhodos), 8- lateral view, 9- dorsal view, 10- pronotum dorsal, male (Turkey, Kayseri), 11- pronotum dorsal, female (Rhodos); 12-15 *Haploprocta sulcicornis*, 12- lateral view, male (Spain, Almeria), 13- dto. dorsal view, 14- pronotum dorsal view ssp.*insularis*, male (La Palma), 15- dto. female (Tenerife). Scale 1mm.

nominal one, recorded from eastern islands (Lanzarote, Fuerteventura) and Porto Santo Island (Madeira) only (Remane in litt.). The first one is of smaller size and differs further by some characters given in the table.

*Haploprocta umbrina* JAKOVLEV, 1883 seems to be an Eastern-European species where additional specimens could be studied from Bulgaria: Asenova (coll. Eckerlein, Mus. Geneva); Greece: Rhodos (coll. EH); Turkey: Dumanli, Ankara, Ereğli (coll. Eckerlein, Mus. Geneva), Kayseri, Antalya (coll. Seidenstücker, Mus. Munich and EH).

The authors thank the following colleagues for providing material and valuable information: Dr.M.Baez (La Laguna), Dr.M.Baena (Córdoba), Dr.W.R. Dolling (London), Dr.R.Linnavuori (Raisio), Dr.R.Remane (Marburg), Dr.G.Schmitz (Tervuren), J.Woudstra (Amsterdam).

#### REFERENCES

- HEISS E. & BAEZ M., 1990. - A preliminary catalog of the Heteroptera of the Canary Islands.- *Vieraea* 18: 281 - 315.
- HEISS E. & RIBES J., 1992. - Additions to the Heteroptera-fauna of the Canary Islands I.- *Bol. Mus. Mun. Funchal*, 44: 77 - 102.
- HEISS E. & WOULDSTRA J., 1993. - Additions to the Heteroptera-fauna of the Canary Islands II.- *Bol. Mus. Mun. Funchal*, 45(in print).
- LINDBERG H., 1932. - *Inventa entomologica itineris Hispanici et Maroccani quod a 1926 fecerunt H. & H. Lindberg*.- *Commentat.biol.* 3(19): 1 - 53, 2pl.
- LINDBERG H., 1953. - *Hemiptera Insularum Canariensium*. - *Commentat.biol.* 14(1): 1 - 304.
- LINDBERG H., 1961. - *Hemiptera Insularum Madeirensium*. - *Commentat.biol.* 24(1): 1 - 110.
- LINNAVUORI R., 1975. - Studies on african heteroptera.- *Tijdschrift v.Entom.*, 118(2): 43-65.
- LINNAVUORI R., 1989. - New taxa of Heteroptera and Auchenorrhyncha.- *Ann.Entom.Fenn.*, 55(1): 1-9.
- VASQUEZ M.A., 1985. - Revision de los Coreidos ibéricos.- Unpubl. thesis Univ. Complutense Madrid, 322 pp.

# ZOBODAT - [www.zobodat.at](http://www.zobodat.at)

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen](#)

Jahr/Year: 1994

Band/Volume: [46](#)

Autor(en)/Author(s): Heiss Ernst

Artikel/Article: [Haploprocta incognita n.sp. from Canary Islands \(Heteroptera, Coreidae\). 121-125](#)