



**New data about some species of *Heyrovskya* Madar
et Madar, 1968 (Col., Chrysomelidae, Alticinae)
with descriptions of two new species**

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ABSTRACT

The study of a small sample of Canarian *Heyrovskya* (Col., Chrysomelidae, Alticinae) supplies further valuable finding about this genus. Two new species, *H. gomeriensis* and *H. oronii*, are described among the seven species of the sample, and their interrelationships with the other species are also discussed.

RESUMEN

Nuevos datos sobre algunas especies de *Heyrovskya* Madar et Madar, 1968 (Col., Chrysomelidae, Alticinae) y descripción de dos especies nuevas

El estudio de una pequeña muestra de *Heyrovskya* (Col., Chrysomelidae, Alticinae) procedentes de las **Islas** Canarias, proporciona datos valiosos sobre el género. Entre las siete especies de la muestra, *H. gomeriensis* y *H. oronii* son descritas como **nuevas** especies. Asimismo **se** discute las interrelaciones entre **estas** dos especies y las restantes.

The present paper is concerned **to** the study of some *Heyrovskya* specimens sent **to us** by Dr. Pedro Oromí, from the Museum of Natural Sciences of Tenerife, to **whom** we want to express our gratitude. The species, number of specimens and geographical sources of the sample **are** the following:

Heyrovskya tristis (Har. Lindberg, 1950)

Known from La Palma.

New material: Tijarafe - La Palma, 1-2-75, leg. P. Oromí, 1 ♀.

Heyrovskya gomercensis sp. nov.

Derivatio nominis: This name is derived from the island where the new species has been found.

Locus typicus: La Gomera (Canary Islands), on *Euphorbia regis-jubae*.

Holotype: ♂ Hermigua, 23-XII-1972, leg. P. Oromí; *Paratypes*: 2 ♂♂, the same data, and 2 ♂♂, 2 ♀♀, Hermigua, 7-I-1977, leg. P. Oromí. The *Holotype* and four *Paratypes* are kept in the Museum of Natural Sciences of Tenerife and two *Paratypes* in the Gruce's collection.

Diagnosis: The new species belong to the group with obscured parts of legs. *H. tristis* (H. Lindberg), *H. plenifrons* (Wollaston), *H. paivana* (H. Lindberg), *H. convexior* (H. Lindberg), and *H. occidentalis* (H. Lindberg) are included in this group. *H. gomercensis* differs from all of them except *plenifrons* by having its pronotum more weakly punctured, and a peculiar shape of the aedeagus. The differences between *H. plenifrons* (described on the basis of only one specimen; aedeagus unknown) and *H. gomercensis* are given below:

<i>H. plenifrons</i> *	<i>H. gomercensis</i>
Length of body about 3.6 mm	Length of body: 2.45 to 2.85 mm.
Colour: intense blue	Colour: Lead-green
Head round and convex	Head normal built
Pronotum almost unpunctured; backward bords with short and unclear lateral margins.	Pronotum clearly punctured; bords with complete lateral margins.
Legs testaceous	Legs yellow
Source: La Palma	Source: La Goinrra

Descriptio: Elongated, with slightly curved sides, rather convex; lead-green, moderately shining; legs, antennae and mandibles light yellow; hind femora blackened, slight metallic terminally; antennae and

After HEIKERTINGER, (1944) and MADAR & MADAR, (1969).

tarsi apically obscured. Head with eyes narrower than the pronotum, distinctly shagreen; frontal tubercles large, rounded triangular. Pronotum 2/3 as long as broad, with distinctly projecting front angles and lateral margins, backwards a little constricted; shallowly but distinctly punctured, shagreen. Elytra shagreen like pronotum, deeply and densely punctured; humeral tubercles convex. ♂ Basal segment of protarsi clearly expanded but not thicker than 3rd segment; aedeagus (Fig. 1) of shape similar to those of *H. tristis*, *H. wollastoni*, and *H. atrovirescens* but with shortly curved downwards and not so largely extended apex (in profile).

Heyrovskya paivana (Har. Lindberg, 1950).

New material: Tenenfe-Santa Cruz, 2 and 11-II-1968, leg. J. M. Fernández, 3 ♀♀; Güfmar, 19-III-1966, leg. J. M. Fernández, 1 ♂; Guía de Isora, 10-VII-1974, leg. J. M. Fernández, 1 ♀.

Heyrovskya occidentalis (Har. Lindberg, 1950).

Known from La Palma, La Gomera and Hierro.

New material from La Goinrra: Valle Gran Rey, 8-IV-1974, leg. P. Oromí, 1 ♂.

Heyrovskya moralesi (Madar et Madar, 1968).

Known from Tenerife.

New material: Tenerife - Santa Cruz, 6-I-1964, leg. J. M. Fernández, 1 ♀.

Heyrovskya oromii sp. nov. *syn. n. of H. wachnitzae* (sensu *Biondi, in*

Derivatio nominis: The new species is named after Dr. Pedro Oromí who was so kind to send us two specimens for study.

Locus typicus: Gran Canaria (Canary Islands).

Holotype: ♂, Baiidama, 11-III-1970, leg. J. M. Fernández; *Paratype* ♀, the same data. Both specimens are kept in the Museum of Natural Sciences of Tenerife. (*)

* Some new specimens of this species have recently been found in Fuerteventura: Betancuria, 14-II-77, Oromí leg.