

ADDITIONS TO THE HETEROPTERA-FAUNA OF THE CANARY ISLANDS II

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With 6 figures

ABSTRACT: As an addition to previous papers (HEISS & BAEZ, 1990; HEISS & RIBES, 1992) 4 new records for the Canary Archipelago are given, bringing the total number of so far known Heteroptera to 335 species. Furthermore 64 new island records and several additional localities for already reported species are listed.

Key words: Heteroptera, Canary Islands, new records.

RESUMO: Como adição a publicações prévias (HEISS & BAEZ, 1990; HEISS & RIBES, 1992) são dados 4 novos registos para o Arquipélago das Ilhas Canárias, elevando para um total de 335 espécies conhecidas de Heteroptera. São ainda referidos 64 novos registos em Ilhas e algumas localidades adicionais para espécies já referidas anteriormente.

INTRODUCTION

As it was intended and expected by the authors, the publication of "A preliminary catalog of the Heteroptera of the Canary islands" (HEISS & BAEZ, 1990) stimulated discussions, research and further studies on the interesting island fauna. As a result a first addition was published recently (HEISS & RIBES, 1992).

New accumulated data, mainly based on material collected by Dutch entomologists and which is housed in the collection of the Zoölogisch Museum Amsterdam, are presented now in a second addition.

Of the species listed so far, two more should be deleted from the list unless reconfirmation should be recorded:

Sigara (Vermicorixa) scripta (RAMBUR, 1842) = misidentification

Eurygaster hottentota (FABRICIUS, 1775) = unconfirmed old record

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The indication of 1/1 refers to the number of male/female specimens investigated.

Abbreviations used:

ZMA Zoölogisch Museum Amsterdam

KGB Collection K.G.BERNHARDT

EH Leg. and coll. E.HEISS

Acknowledgments: For presenting their interesting material we thank K. G. BERNHARDT (Osnabrück), J. P. DUFFELS, A. C. & W. N. ELLIS and J. A. W. LUCAS (all Amsterdam). M. BAENA (Cordoba) provided additional informations and P. MOULET (Avignon), J. PÉRICART (Montereau) and J. RIBES (Barcelona) kindly confirmed the identification of unclear species for which we thank them very much.

RECORDS NEW TO THE CANARY ARCHIPELAGO

Fam. Coreidae

Subfam. Coreinae

Gonocerus juniperi (HERRICH-SCHAEFFER, 1839)

T - Aguamansa 1200m, 1/1 on *Juniperus cedrus* WEBB. & BERTH. together with *Holcogaster longicornis* 21- 27 Nov.1992 EH.

Compared with material from Central Europe, the Canarian specimens differ only by smaller size (vid. MOULET).

Prionotylus brevicornis (MULSANT & REY, 1852)

C - El Baranquillo Andrés 6km WSW Los Cercados, 0/1 28 March 1987, ZMA

Fam. Alydidae

Nemausus simplex HORVATH, 1910

F - Corralejo, 1/0 12 -18 March 1990, leg. ELLIS ZMA

L - Tinajo, 1/0 7 Feb. 1979, ZMA

Eremian species known from Egypt, Arabia

Fam. Pentatomidae

Piezodorus teretipes (STAL, 1864) = *P. ononidis* LINDBERG, 1932 (BAENA 1994)

L - 3 km N Maguez, 1/0 9 March 1977, leg. KRUSEMAN ZMA

The specimen is conspecific with reference material from Saudi Arabia identified by LINNAVUORI (LINNAVUORI, 1986).

Eremian species with a wide distribution in Northern - and West Africa. Pronotum and paramere figured by LINNAVUORI, 1982 including a key to West African species.

P. teretipes is much smaller than *P. punctipes* PUT., the second species of this genus occurring on Canary Islands. Furthermore it can be distinguished by less dense and more shallow punctures on head, pronotum, abdomen and hemelytra, by posteroexterior angles of dorsal laterotergites not pointed and black but unicolorous, by relatively longer antennal segment II and the shape of the pygophore (see Figs. 1-6).

NEW ISLAND RECORDS

Fam. Corixidae

Sigara (Vermicorixa) lateralis (LEACH, 1817)

P - Brena Alta 600m, 1/11 29 June - 5 July 1989, EH

Fam. Miridae

Cyrtopeltis (s.str.) canariensis LINDBERG, 1936

G - Chipude, 1/1 7 June 1983, ZMA

Ayamosma 3km W San Sebastian, 1/0 12 Apr. 1988, ZMA

Lalaja 8km WNW San Sebastian, 4/2 18 Apr. 1988, ZMA

Eurystylus occidentalis WAGNER, 1954

G - 2km NW San Sebastian, 4/3 10 Apr. 1988, ZMA

4km NW San Sebastian, 2/2 11 Apr. 1988, ZMA

Trigonotylus pallidicornis REUTER, 1899

T - El Abrigo 6km SE El Medano, 0/8 28 March 1984, ZMA

Pinalitus conspurcatus (REUTER, 1873)

F - Corralejo, 3/4 6 - 8 Feb. 1985, ZMA

Canariocoris antennalis (REUTER, 1904)

C - Las Casillas 2km SW Mogan, 2/4 23 March 1987, ZMA

2km N Puerto Rico, 9/6 7 Apr. 1987, ZMA

Las Casas 2km N Arguineguin, 0/1 29 March 1987, ZMA

El Sao 8km NNE Arguineguin, 0/2 3 Apr. 1987, ZMA

Canariocoris euphorbiae LINDBERG, 1951

P - Fuencaliente, 1/1 10 - 15 March 1986, ZMA

Canariocoris hyperici LINDBERG, 1951

G - 4km E San Sebastian, 3/0 17 - 18 Jan. 1981, ZMA

4km NE San Sebastian, 6/3 19 Jan. 1981, ZMA

3km SE San Sebastian, 1/0 4 Feb. 1981, ZMA

2km SW San Sebastian, 4/6 10 Apr. 1988, ZMA

4km NW San Sebastian, 1/2 11 Apr. 1988, ZMA

Canariocoris viburni (LINDBERG, 1953)

G - Montana Quemada, 1/0 30 Jan. 1981, ZMA

P - Cumbre Nueva, 1/0 25 July 1985, leg. ELLIS ZMA

Los Tilos, 0/2 20 July 1985, leg. ELLIS ZMA

Orthotylus (Melanotrichus) flavosparsus (C. SAHLBERG, 1842)

G - 2km SW San Sebastian, 5/3 10 Apr. 1986, ZMA

F - Corralejo, 0/1 12 - 18 Feb. 1990, leg. ELLIS ZMA

Platycranus (s.str.) lindbergi WAGNER, 1954

P - Santa Cruz, 5/5 17 July 1985, leg. ELLIS ZMA

Plagiorrhama concolor REUTER, 1890

G - El Cabrito 10km SW San Sebastian, 0/1 24 Nov. 1988, ZMA

Chamaepsallus signaticornis (REUTER, 1904)

C - Arinés, 3km NW San Mateo, 1/0 31 March 1987, ZMA

F - Corralejo, 2/1 12 - 18 March 1990, leg. ELLIS ZMA

Compsidolon (Coniortodes) hierroense (WAGNER, 1954)

P - Mazo 700m, 2/3 29 June - 5 July 1989, EH

Brena Alta 600m, 6/10 29 June - 5 July 1989, EH

Roque de los Muchachos, 12/10 16 July 1985, leg. ELLIS ZMA

Puntallana, 1/0 10 July 1985, leg. ELLIS ZMA

Santa Cruz, 1/0 17 July 1985, leg. ELLIS ZMA

Montana de Tagoja, 0/2 18 July 1985, leg. ELLIS ZMA

Cumbre Nueva, 0/2 15 July 1985, leg. ELLIS ZMA

Compsidolon (Coniortodes) parviceps (WAGNER, 1954)

G - La Laja, 1/0 1 Nov. 1981 ZMA

Chipuda, 1/6 7 June 1983 ZMA

Compsidolon (Coniortodes) verbenae (WAGNER, 1954)

P - Roque de los Muchachos, 1/0 16 July 1985, leg. ELLIS ZMA

Las Nieves, 4/0 23 July 1985, leg. ELLIS ZMA

La Cumbrecita, 0/2 22 July 1985, leg. ELLIS ZMA

C - near Artenara, 1/0 2 Apr. 1987, ZMA

Macrotylus (Alloeonycha) paykulli (FALLEN, 1807)

C - near Artenara, 1/0 2 Apr. 1987, ZMA

Andén Verde, 5 km NE San Nicolas, 2/1 27 March 1987, ZMA

Tuponia (Chlorotuponia) canariensis WAGNER, 1954

C - Las Casas 2km N Arguineguin, 11/5 29 March 1987, ZMA

Caserones 3km NW San Nicolas, 7/13 27 March 1987, ZMA

Maspalomas, 3/5 22 March - 3 Apr. 1987, ZMA

Fam. Anthocoridae*Anthocoris alienus* (BUCHANAN WHITE, 1878)

G - already cited by PÉRICART, 1972:143, ex. coll. LINDBERG

Montana Quemada, 0/1 30 Jan. 1981, ZMA

Chipude, 1/3 7 Apr. 1983, ZMA

Anthocoris nemoralis (FABRICIUS, 1794)

F - Corralejo, Las Dunas, 0/1 4 - 13 March 1990, leg. ELLIS ZMA

Corralejo, 0/1 12 - 18 March 1990, leg. ELLIS ZMA

Anthocoris salicis LINDBERG, 1953

G - El Cedro, 0/1 28 Jan. 1981, ZMA

Orius (s.str.) piceicollis (LINDBERG, 1936)

P - Roque de los Muchachos, 2/15 16 July 1985, leg. ELLIS ZMA

Orius (Dimorphella) canariensis WAGNER, 1952

C - Caserones NW San Nicolás, 1/1 27 March 1987 ZMA

Maspalomas, 0/1 22 March - 3 Apr. 1987 ZMA

Andén Verde, 0/1 27 March 1987 ZMA

Fam. Reduviidae

Empicoris rubromaculatus (BLACKBURN, 1889)

P - Las Nieves NW Sta. Cruz, 200-300m, 1/1 23 July 1985, leg. ELLIS, ZMA

Male pygophore corresponds to Fig. 6 of PUTSHKOV & RIBES, 1992

Fam. Tingidae

Acalypta hellenica REUTER, 1888

G - Lalaja, 1/0 1 Feb. 1981, ZMA

Acalypta parvula (FALLEN, 1807)

G - Agando, 0/1 23 Jan. 1981, ZMA

Tingis (s.str.) canariensis PÉRICART, 1981

C - Ayacata 7km NW San Bartolomé de Tirajana, 11/16 1 Apr. 1987, ZMA

Artenara area, 2/3 2 Apr. 1987, ZMA

El Rincón de Tejada 2km NW Tejada, 1/0 2 Apr. 1987, ZMA

Tingis (s.str.) maderensis (REUTER, 1890)

C - Arinés 3km NW San Mateo, 0/1 31 March 1987, ZMA

Fam. Saldidae

Saldula arenicola (SCHOLTZ, 1846)

G - Puntalliana 4km NNE San Sebastian, 6/1 24 Apr. 1988, ZMA

Fam. Berytidae

Berytinus (s.str.) hirticornis pilipes PUTON, 1875

G - Las Rosas, 1/0 11 June 1983, ZMA

Berytinus (Lizinus) montivagus (MEYER-DÜR, 1841)

L - no locality given, 1991 leg. HANDKE KGB

Fam. Lygaeidae*Spilostethus saxatilis* (SCOPOLI, 1763)

C - El Baranquillo Andrés, 0/1 28 March 1987, ZMA

Engistus boops (DUFOUR, 1857)

T - El Medano, 2/2 2 Dec. 1988, ZMA

Geocoris (s.str.) lineolus (RAMBUR, 1842)

L - Famara, 2/0 4 - 15 Feb. 1979, ZMA

Geocoris (s.str.) pallidipennis (COSTA, 1843)

C - Tinoca 50 km W Las Palmas, 1/0 21 Feb. 1986, ZMA

Macroplox fasciata (HERRICH-SCHAEFFER, 1835)

L - Famara, 7/0 4 - 15 Feb. 1979, ZMA

Oxycarenus lavaterae (FABRICIUS, 1787)P - Brena Baja 300m, 6/1 29 June - 5 July 1989, EH
Cubo de la Galga, 2/1 24 July 1985, leg. ELLIS ZMA*Bethylimorphus leucophaes* LINDBERG, 1953

P - Fuencaliente, 1/0 21 July 1985, leg. ELLIS ZMA

Emblethis denticollis HORVATH, 1878

P - Cubo de la Galga 5km SSE San Andres, 4-800m, 1/0 24 July 1985, ZMA

Megalonotus praetextatus (HERRICH-SCHAEFFER, 1835)

P - Brena Alta 600m, 0/2 29 June - 5 July 1989, EH

Peritrechus gracilicornis PUTON, 1877

P - Montana de Tagoja, 1/0 18 July 1985, leg. ELLIS ZMA

Remaudiereana annulipes (BÄRENSPRUNG, 1859)

G - 2km SW San Sebastian, 0/2 10 Apr. 1988, ZMA

Fam. Coreidae*Centrocoris variegatus* KOLENATI, 1845

G - Playa de Santiago, 0/1 14 May 1992, leg. LUCAS ZMA

Cercinthus lehmanni (KOLENATI, 1856)

L - Orsola, 0/2 4 March 1977, ZMA

Syromastus rhombeus (LINNAEUS, 1758)

F - La Matilla, 1/0 29 Apr. - 2 May 1978, ZMA

Coriomeris affinis (HERRICH-SCHAEFFER, 1839)

F - Tefia, 1/0 29 Apr. 1978, ZMA

L - 3 km N Maguez, 5/0 9 March 1977, ZMA

Fam. Scutelleridae

Odontotarsus caudatus (BURMEISTER, 1835)

F - Betancuria, 3/0 22.IV.-3 May 1978, ZMA

L - Playa Blanca, May 1992 leg. DIDION KGB

Fam. Pentatomidae

Graphosoma interruptum BUCHANAN WHITE, 1839

P - Botazo, 0/1 13 July 1985, leg. ELLIS ZMA

Acrosternum rubescens (NOUALHIER, 1893)

G - Lomo Fragozo, 1/0 2 Feb. 1981 ZMA

Brachynema cinctum (FABRICIUS, 1775)

G - Playa de Avalo 7 km N San Sebastian, 1/0 25 Nov. 1988, ZMA

Codophila varia (FABRICIUS, 1787)

L - La Haria, 0/1 9 March 1977, ZMA

Croantha ornatula (HERRICH-SCHAEFFER, 1842)

C - Maspalomas, several specimens 3 - 8 Dec. 1988, EH

Tafisia Alto, Apr. 1992 leg. FELDMANN KGB

Dolycoris numidicus HORVATH, 1907

P - Brena Alta 600m, 0/1 29 June - 5 July 1989, EH

Botazo, 3/3 13 July 1985, leg. ELLIS ZMA
 Las Nieves, 1/0 9 July 1985, 1/0 23 July 1985, leg. ELLIS ZMA
 Los Tilos, 1/1 2 July 1985, leg. ELLIS ZMA
 La Cumbrecita, 1/0 22 July 1985, leg. ELLIS ZMA

Eurydema lundbladi LINDBERG, 1960
 P - Cumbrecita, 0/1 14 March 1986, ZMA

Holcogaster longicornis WAGNER, 1955
 G - Playa de Santiago, 1/0 14 May 1992, leg. LUCAS ZMA
 C - Presa de los Hornos on *Pinus canariensis*, 8/10 3 - 8 Dec. 1988, EH

Piezodorus punctipes PUTON, 1899
 G - Igualeto, 0/1 10 June 1983, ZMA

Fam. Cydnidae

Crocistethus aeneus (BRULLÉ, 1838)
 F - Betancuria, 0/1 18 March 1984, ZMA

UNPUBLISHED ADDITIONAL RECORDS

Fam. Miridae

Deraeocoris (Phaeocapsus) martini (PUTON, 1887)
 F - Corralejo Playa del Medano, 1/0 4 - 13 March 1990, leg. ELLIS ZMA

Lygus maritimus WAGNER, 1949
 F - Corralejo, 3/4 12 - 18 March 1990, leg. ELLIS ZMA
 Playa del Medano, 2/0 11 - 12 March 1990, leg. ELLIS ZMA
 Las Dunas, 0/1 4 - 13 March 1990, leg. ELLIS ZMA

Eurystylus occidentalis WAGNER, 1954
 F - Corralejo, 8/16 5 - 18 March 1990, leg. ELLIS ZMA

Megacoelum zollikoferiae (LINDBERG, 1953)
 F - Morros de los Lavaderos, 0/4 5 - 15 March 1990, leg. ELLIS ZMA

Playa del Medano, 1/0 11 - 12 March 1990, leg. ELLIS ZMA

Phytocoris (Eckerleinius) meinanderi WAGNER, 1968

F - Corralejo, Morros de los Lavaderos, 4/3 5 - 15 March 1990, ZMA

L - Famara, 1/0 4 - 15 Feb. 1979, leg. ELLIS ZMA

Canariocoris punctatus (NOUALHIER, 1893)

F - Corralejo, 10/6 4 - 18 March 1990, leg. ELLIS ZMA

Orthotylus (Melanotrichus) halophilus LINDBERG, 1953

F - Corralejo, 0/5 12 - 18 March 1990, leg. ELLIS ZMA

Atomoscelis atriplicis WAGNER, 1965

F - Corralejo, 3/3 12 - 18 March 1990, leg. ELLIS ZMA

Macrotylus (Alloeonycha) interpositus WAGNER, 1951

F - Corralejo, 31/21 4 - 18 March 1990, leg. ELLIS ZMA

Orsolia longiceps WAGNER, 1965

F - Corralejo, 1/0 12 - 18 March 1990, leg. ELLIS ZMA

Morros de los Lavaderos, 1/0 5 - 15 March 1990, leg. ELLIS ZMA

Pastocoris putoni (REUTER, 1875)

F - Corralejo - Los Lejares, 1/0 9 March 1990, leg. ELLIS ZMA

Morros de los Lavaderos, 8/13 5 - 15 March 1990, leg. ELLIS ZMA

Tuponia (Chlorotuponia) longipennis HORVATH, 1909

F - Corralejo, 5/6 4 - 18 March 1990, leg. ELLIS ZMA

Fam. Anthocoridae

Orius (s.str.) piceicollis (LINDBERG, 1936)

F - Corralejo, 16/24 12 - 18 March 1990, leg. ELLIS ZMA

Morros de los Lavaderos, 7/15 5 - 15 March 1990, leg. ELLIS ZMA

Playa del Medano, 4/7 3 - 20 March 1990, leg. ELLIS ZMA

Fam. Nabidae

Nabis (Tropiconabis) capsiformis GERMAR, 1837

F - Corralejo - Las Lajares, 0/1 9 March 1990, leg. ELLIS ZMA

Fam. Reduviidae

Empicoris rubromaculatus (BLACKBURN, 1889)

T - La Laguna, 0/1 23 Nov. 1981, PUTSHKOV & RIBES, 1992

Coranus griseus (ROSSI, 1790)

T - Las Canadas 2000m, 1/0 27 Apr. 1971, ZMA

Fam. Piesmatidae

Piesma (Parapiesma) kolenatii rotundatum (HORVATH, 1906)

F - Corralejo, 0/1 12 - 18 March 1990, leg. ELLIS ZMA

Fam. Lygaeidae

Nysius (Macroparius) cymoides (SPINOLA, 1840)

T - El Medano, 5/4 2 Dec. 1988, ZMA

F - Corralejo, 0/3 12 - 18 March 1990, leg. ELLIS ZMA

Morros de los Lavaderos, 3/4 5 - 15 March 1990, leg. ELLIS ZMA

L - La Caleta, 2/1 5 - 16 Feb. 1979, ZMA

Nysius (Tropinysius) immunis (WALKER, 1872)

F - Morros de los Lavaderos, 7/4 5 - 15 March 1990, leg. ELLIS ZMA

Corralejo, Las Dunas, 7/4 4 - 13 March 1990, leg. ELLIS ZMA

Corralejo, Playa del Medano, 1/1 3 - 20 March 1990, leg. ELLIS ZMA

Henestaris laticeps wagneri LINDBERG, 1960 (sec. PÉRICART, 1992)

T - Masca on *Euphorbia atropurpurea*, 20 Feb. 1987, KGB

Geocoris (s.str.) pallidipennis (COSTA, 1843)

F - Corralejo, 1/0 12 - 18 March 1990, leg. ELLIS ZMA

Geocoris pubescens (JAKOVLEV, 1871)

F - Corralejo, Playa del Medano, 1/0 11 - 12 March 1990, leg. ELLIS ZMA

Noualhieria quadripunctata (BRULLÉ, 1838) (*coracipennis* PUT.)

T - Guimar, 8 ex. 18 Feb. 1987, KGB

Fam. Pentatomidae

Brachynema cinctum (FABRICIUS, 1775)

T - Barranco del Infierno, 0/1 28 Nov. 1977, ZMA

C - Playa del Hormillo W Maspalomas, 0/1 5 Apr. 1987, ZMA

Foot of Bandana, 1/0 6 March 1986, ZMA

Caserones W San Nicolas on *Atriplex glauca*, 0/1 27 March 1987, ZMA

F - Morros de los Lavaderos, 14/11 5 - 15 March 1990, leg. ELLIS ZMA

Croantha ornatula (HERRICH SCHAEFFER, 1842)

F - Corralejo, 0/2 11.-12 March 1990, leg. ELLIS ZMA

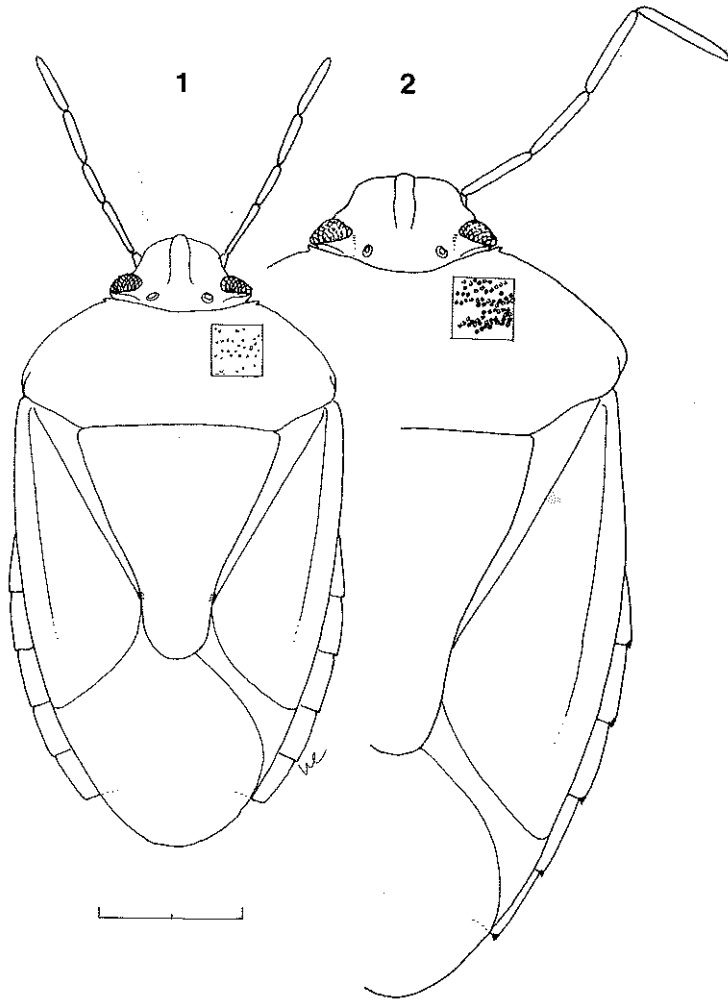
Piezodorus punctipes PUTON, 1899

T - San Andres on *Euphorbia balsamifera*, 13 - 27 Feb. 1987, KGB

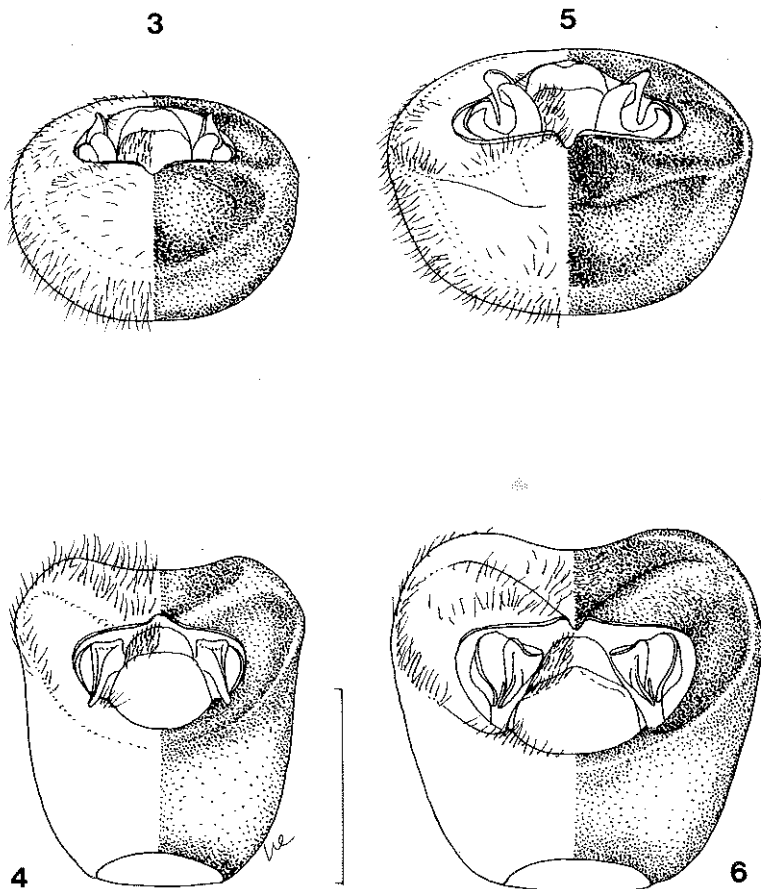
Fam. Cydnidae

Cydnus aterrimus (FORSTER, 1771)

F - Corralejo - Las Lajares, 0/1 9 March 1990, leg. ELLIS ZMA



Figs. 1-2 - habitus of male *Piezodorus*: 1 - *teretipes* (Saudi Arabia); 2 - *punctipes* (Tenerife). (Scale 2 mm).



Figs. 3-6 - Pygophore of male *Piezodorus* species, 3,5 caudal, 4,6 dorsal: 3,4 *teretipes*; 5,6 *punctipes*. (Scale 1 mm).

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