

INSECTA MUNDI

A Journal of World Insect Systematics

0377

Notes on the tiger beetles (Coleoptera: Cicindelidae) of Argentina.
117. Contribution towards the knowledge of Cicindelidae

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Date of Issue: September 12, 2014

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Insecta Mundi 0377: 1-66

ZooBank Registered: urn:lsid:zoobank.org:pub:2FF424D6-2A84-441E-A211-9983D9CFA1A7

Published in 2014 by

Center for Systematic Entomology, Inc.

P. O. Box 141874

Gainesville, FL 32614-1874 USA

<http://www.centerforsystematicentomology.org/>

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Manuscript Preparation Guidelines and Submission Requirements available on the *Insecta Mundi* web-page at: <http://centerforsystematicentomology.org/insectamundi/>

Printed copies (ISSN 0749-6737) annually deposited in libraries:

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Electronic copies (On-Line ISSN 1942-1354, CDROM ISSN 1942-1362) in PDF format:

Printed CD or DVD mailed to all members at end of year. Archived digitally by Portico.

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Layout Editor for this article: Michael C. Thomas

Notes on the tiger beetles (Coleoptera: Cicindelidae) of Argentina.
117. Contribution towards the knowledge of Cicindelidae

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Abstract. Distributional records of the 71 tiger beetle species and subspecies known for Argentina are given together with a key and habitus photos (Coleoptera: Cicindelidae). *Brasiella* (*Brasiella*) *cuyabaensis* Mandl, 1970 and *Brasiella* (*Gaymara*) *rotundatodilatata* (Horn, 1925) are reported as new for the fauna of Argentina. *Brasiella* (*Brasiella*) *stamatovi* (Sumlin, 1979) is transferred to *Cylindera* (*Plectographa*), becoming *C. (P.) stamatovi* (Sumlin), **new combination**. *Cylindera* (*Plectographa*) *siccalacicola* (Sumlin, 1979) is placed into synonymy under *Cylindera* (*Plectographa*) *hassenteufeli* (Mandl, 1960), **new synonymy**. A **lectotype** is designated for *Cylindera* (*Plectographa*) *patagonica bergiana* (Horn, 1895).

Key words. Coleoptera, Cicindelidae, Argentina, faunistic data, systematics

Introduction

Early in the 20th Century 52 taxa of tiger beetles were recorded from Argentina (Bruch 1911). Eighty one years later, the number increased by only five to 57 (Wiesner 1992). Currently, 71 taxa representing 65 species are now recorded as occurring in Argentina.

With the support of Sebastian Bolle, Munro, Buenos Aires, in the late 1990s the first author received several tiger beetles from Argentina. The second author made several collecting trips in the last nine years (2004 – 2013) with the aim of increasing the knowledge of the tiger beetle fauna of the northern regions of the country (La Rioja, Santiago del Estero, Córdoba, Corrientes, San Juan, Catamarca, Santiago del Estero, Tucumán, Salta, Jujuy, Buenos Aires, Santa Fé, and San Luis).

The northern provinces of Argentina are characterized by a wide variety of habitats: mountains streams; semi-desert highlands with many salt flats; remnants of old salted lagoons in the Andean area; temperate and subtropical forests (Yungas) in the hills and low mountains of the pre-cordillera; pastures and cultivated fields on the east plains, with vast salt flats (like Salinas de Masicasin, Salinas Grandes y Salinas de Ambargasta) with temporary water pools, generally dry in summer; rivers which dry up during summer and large rivers (Paraná and Uruguay rivers) flowing toward the Atlantic Ocean; and lakes whose dimensions differ from small to large depending on season of the year, such as Laguna Mar Chiquita, a salt water lake with a surface area that ranges from 2,000 to 4,500 sq.km. The wide variety of habitats supports a high diversity of arthropod species, including tiger beetles.

Methods and Materials

Collecting methods used by the second author included direct netting during the day and light trapping and direct searching on ground with a flashlight at night. Light trapping was performed using a simple yet effective lighting system consisting of a plain white cloth approximately 1.5 meters wide by 1.8 meters high, kept in position by two vertical poles and four tie rods. The lights themselves consisted of two extra-white color (6,500 °K) 35 W fluorescent compact lamps, fed by an inverter connected to a car battery. The intensity and color of the light are similar to that provided by a portable generator feeding

a 250 W mixed-light lamp. A normal car battery in good condition can provide enough power to run the system for 5 hours. A total of 400 hours of light trapping was conducted.

The light trap proved to be effective especially for individuals of the genera *Odontocheila* Laporte de Castelnau, *Pentacomia* (s. l.) Bates and *Brasiella* (s. l.) Rivalier. Other genera with nocturnal habits, such as *Phaeoxantha* Chaudoir and *Tetracha* (s. l.) Hope were not directly attracted by lights, even though they were regularly found in close proximity of the light. The typical collecting method for these beetles was to walk around illuminating the soil with a flashlight.

Generally, nocturnal tiger beetles are most active during the first hours after sunset, with decreased activity throughout the rest of the night. This behaviour is especially apparent with all species of *Tetracha* (s. l.). At every site where the genus was observed, individuals come out in big number as the sun began to set, and were fully active for approximately the next half hour. As the evening progressed their number decreased with only a few individuals being active throughout the night.

Specimens are deposited in: **ABIC** = collection of the second author; **AKCC** = collection of Arnošt Kudrna, Czech Republic; **JWGC** = collection of the first author; and **MZUF** = collection of the Zoological Museum of the University of Florence, Italy.

Key to the Tiger Beetles of Argentina

Portions of keys by Freitag and Barnes 1989, Sumlin 1993, Wiesner 1999 and Naviaux 2007 are combined and modified herein.

1. Metepisternum narrow, with grooves anteriorly **1. *Ctenostoma ichneumoneum ellipticum* Naviaux**
- Metepisternum relatively broad, without anterior grooves **2**
- 2 (1). Anterior corners of pronotum more advanced than anterior margin of prosternum **3**
- Anterior corners of pronotum not more advanced than anterior margin of prosternum **25**
- 3 (2). Elytra without humeral angles **2. *Picnochile fallaciosa* (Chevrolat)**
- Elytra with developed humeri **4**
- 4 (3). Labrum short and transverse, with submarginal setae **5**
- Labrum long and narrow, with marginal setae **21**
- 5 (4). Head partly or completely brownish or yellowish **6**
- Head never brownish or yellowish **11**
- 6 (5). Head bicolored, yellow at the front and black at the back **8. *Metriocheila nigricollis* (Reiche)**
- Head never bicolored **7**
- 7 (6). Apex of elytra rounded and retracted at suture; medium-sized species (about 15 mm) **4. *Phaeoxantha cruciata* (Brullé)**
- Apex of elytra not rounded and not retracted at suture **8**
- 8 (7). Basal part of pronotum black **3. *Phaeoxantha bucephala* (Horn)**
- Basal part of pronotum testaceous **9**
- 9 (8). Size large (about 20 mm); elytra entirely covered with short tiny hairs **6. *Phaeoxantha aequinoctialis aequinoctialis* (Dejean)**
- Size small (about 10 mm); elytra glabrous **10**
- 10 (9). Pronotum smaller than head **7. *Phaeoxantha laminata* (Perty)**

—	Pronotum broader than head	5. <i>Phaeoxantha tremolerasi</i> (Horn)	
11 (5).	Elytra short (55 % of total length)	9. <i>Tetracha (Microtetracha) germaini</i> Chaudoir	
—	Elytra longer (60 to 65 % of total length)		12
12 (11).	Labrum black	19. <i>Tetracha (Paratetracha) femoralis rivalieri</i> Naviaux	
—	Labrum yellow or brownish		13
13 (12).	Right mandible with four teeth		
	10. <i>Tetracha (Tetracha) brasiliensis brasiliensis</i> (Kirby)	
—	Right mandible with three teeth		14
14 (13).	First inner tooth of the male's left mandible longer than second one		17
—	Second inner tooth of the male's left mandible longer than first one		15
15 (14).	Mandibles of male not or moderately furcated; elytral apex rounded with obtuse angle at the suture		16
—	Mandibles of male obviously furcated, the first tooth approximately as long as the apical one; elytral apex ending in a sharp angle	16. <i>Tetracha (Neotetracha) quadrata</i> Naviaux	
16 (15).	Size < 15 mm; elytra oval-shaped	17. <i>Tetracha (Neotetracha) prolongata</i> (Horn)	
—	Size > 15 mm; elytra more parallel-sided ..	18. <i>Tetracha (Neotetracha) brevisulcata</i> Horn	
17 (14).	Size < 12 mm; elytra oval-shaped, color dark green, mat appearance		
	11. <i>Tetracha (Neotetracha) annuligera</i> Lucas	
—	Sizes diverse; elytra more rounded, brighter appearance		18
18 (17).	Color coppery, varying with angle of view		20
—	Color not coppery, not depending on the angle of view or only slightly		19
19 (18).	Antennae long and thin; pronotum small but elytra ample		
	15. <i>Tetracha (Neotetracha) cyanea</i> (Horn)	
—	Antennae short and thick	14. <i>Tetracha (Neotetracha) distinguenda</i> (Dejean)	
20 (18).	Shape longer; color bright	12. <i>Tetracha (Neotetracha) fulgida</i> (Klug)	
—	Shape shorter; color less bright, light bronze		
	13. <i>Tetracha (Neotetracha) pseudodistinguenda</i> (Horn)	
21 (4).	Elytra with bright maculation in the middle		22
—	Elytra lacking maculation		24
22 (21).	Elytral maculation forming a small dot	20. <i>Oxycheila pinelii</i> Guérin-Méneville	
—	Elytral maculation larger		23
23 (22).	Elytral maculation wavy	23. <i>Oxycheila labiata</i> Brullé	
—	Elytral maculation bilobed	21. <i>Oxycheila femoralis</i> Laporte de Castelnau	
24 (21).	Legs entirely black	24. <i>Oxycheila opacipennis</i> Waterhouse	
—	Legs not entirely black	22. <i>Oxycheila germaini</i> Fleutiaux	
25 (2).	Sternites of pronotum abdomen shiny and nearly glabrous		26
—	Sternites of pronotum and abdomen more or less setose		35
26 (25).	Labrum with four setae		27

—	Labrum with more setae	34. <i>Iresia (Iresia) lacordairei</i> Dejean
27 (26).	Apical half of elytra without reticular structures	33. <i>Cheilonycha auripennis angustedilatata</i> Horn
—	Elytra with densely reticular structures	28
28 (27).	Inner sac of aedeagus with flagellum	29
—	Inner sac of aedeagus without flagellum	32
29 (28).	Elytra without yellow spots; labrum black in both sexes	26. <i>Odontocheila nitidicollis</i> (Dejean)
—	Elytra with four yellow spots; labrum of male bi-colored	30
30 (29).	Labrum of males metallic from middle to front and/or aedeagus bilobed apically	25. <i>Odontocheila chrysis</i> (Fabricius)
—	Metallic color of male labrum does not reach the frontal border; aedeagus hooked apically ..	31
31 (30).	Elytra bronze black	28. <i>Odontocheila yunga</i> Huber
—	Elytra coppery	27. <i>Odontocheila fulgens</i> (Klug)
32 (28).	Labrum short in both sexes, with one tooth	33
—	Labrum long, with more than one tooth	29. <i>Pentacomia (Poecilochila) rhytidopteroides</i> (Horn)
33 (32).	Elytra with humeral lunule	30. <i>Pentacomia (Mesacanthina) cribrata argentina</i> (Lynch)
—	Elytra with humeral spot only or without any testaceous maculation at the shoulders	34
34 (33).	Elytra with lateral line, middle band and apical lunule	31. <i>Pentacomia (Mesacanthina) reductesignata</i> Horn
—	Elytra with central and apical spot only	32. <i>Pentacomia (Mesacanthina) punctum</i> (Klug)
35 (25).	Labrum with four setae	40
—	Labrum with more than four setae	36
36 (35).	Inner sac of aedeagus with flagellum	37
—	Inner sac of aedeagus without flagellum	46
37 (36).	Elytra without any maculation; flagellum of inner sac at the left side	35. <i>Cicindelidia rufoaenea</i> (Horn)
—	Elytra with some degree of maculation; flagellum at the right side	38
38 (37).	Aedeagus hooked apically	41
—	Aedeagus not as above	39
39 (38).	Pleurites and sternites densely setose	52
—	Pleurites and sternites glabrous or sparsely setose	43
40 (35).	Clypeus with several white setae	65. <i>Sumlinia hirsutifrons</i> (Sumlin)
—	Clypeus glabrous	64. <i>Sumlinia halophila</i> (Sumlin)
41 (38).	Labrum unidentate	62. <i>Brasiella (Gaymara) staudingeria</i> (Horn)
—	Labrum tridentate	42

- 42 (41). Shoulders with short white setae **63. *Brasiella* (*Gaymara*) *rotundatodilatata* (Horn)**
 — Shoulders without setae **61. *Brasiella* (*Gaymara*) *chlorosticta* (Kollar)**
- 43 (39). Elytral maculation very wide, covering much of elytral surface
 **36. *Cylindera* (*Cylindera*) *confluentesignata* (Horn)**
 — Elytral maculation not as above **44**
- 44 (43). Elytral maculation consists of slender lunules
 **52. *Cylindera* (*Plectographa*) *stamatovi* (Sumlin)**
 — Elytral maculation absent or consisting of small spots **45**
- 45 (44). Labrum with four or more teeth **37. *Cylindera* (*Cylindera*) *morio* (Klug)**
 — Labrum unidentate **38. *Cylindera* (*Cylindera*) *obsoletesingata* (Horn)**
- 46 (36). Labrum edentate **47**
 — Labrum with one tooth or more **49**
- 47 (46). Elytral apex with maculation **58. *Brasiella* (*Brasiella*) *cuyabaensis* Mandl**
 — Elytral apex without maculation **48**
- 48 (47). Dorsal color red or reddish-brown **57. *Brasiella* (*Brasiella*) *aureola aureola* (Klug)**
 — Dorsal color black or black-brown **56. *Brasiella* (*Brasiella*) *obscuraella* (Klug)**
- 49 (46). Elytra ovate, with three black depressions in disk
 **54. *Brasiella* (*Brasiella*) *obscurvata* Sumlin**
 — Elytra nearly parallel-sided, without black depressions in disk **50**
- 50 (49). Humeral spot visible in dorsal view
 **55. *Brasiella* (*Brasiella*) *argentata argentata* (Fabricius)**
 — Humeral spot not as above **51**
- 51 (50). Labrum not produced anteriorly; humeral spot on latero-ventral side of shoulder, not visible in dorsal view **60. *Brasiella* (*Brasiella*) *misella misella* (Chaudoir)**
 — Labrum produced anteriorly; humeral spot absent
 **59. *Brasiella* (*Brasiella*) *dolosula* Rivalier**
- 52 (39). Genae with setae **55**
 — Genae without setae **53**
- 53 (52). Basal half of elytra with many white setae; elytral maculation with a lateral marginal line from shoulder to suture **54. *Cylindera* (*Plectographa*) *eugeni* (Laporte de Castelnau)**
 — Basal half of elytra without white setae **54**
- 54 (53). Elytral maculation with a marginal line ... **40. *Cylindera* (*Plectographa*) *sinuosa* (Brullé)**
 — Elytral maculation without a marginal line
 **51. *Cylindera* (*Plectographa*) *apiata apiata* (Dejean)**
- 55 (52). Clypeus nearly covered from view by thick, white setae **56**
 — Clypeus setose or glabrous, but not nearly covered from view **57**
- 56 (55). Elytral maculae almost confluent, not isolated; pigmented parts absent or spot-like only
 **41a. *Cylindera* (*Plectographa*) *nivea nivea* (Kirby)**
 — Pigmented parts of elytra larger; at least the outline of the middle band is visible
 **41b. *Cylindera* (*Plectographa*) *nivea orbigny* (Guérin-Ménéville)**

57 (55). Labrum with dark or brownish pigment at its center	58
— Labrum without dark or brownish pigment at its center	60
58 (57). Elytral apex with microserrations	
..... 50. <i>Cylindera (Plectographa) chiliensis</i> (Audouin and Brullé)	
— Elytral apex without microserrations	59
59 (58). Middle band wide expanded and obliquely crossing the elytral disc	
..... 49. <i>Cylindera (Plectographa) chubuti</i> Cassola	
— Middle band thin and/or not obliquely crossing the elytral disc	
..... 48. <i>Cylindera (Plectographa) gormazi</i> (Reed)	
60 (57). Antennal scape with several white setae 42. <i>Cylindera (Plectographa) ramosa</i> (Brullé)	
— Antennal scape with a single seta or pit	61
61 (60). Elytra shiny, punctate 39. <i>Cylindera (Plectographa) hassenteufeli</i> (Mandl)	
— Elytra dull, granulate or granulate/foveolate	62
62 (61). Pronotum widest at posterior end; disc of pronotum glabrous or with few setae	
..... 43. <i>Cylindera (Plectographa) mixtula</i> (Horn)	
— Pronotum widest at anterior end or middle; disc of pronotum with many setae	63
63 (62). Maculation not contacting lateral edge of elytron in middle third	
..... 44. <i>Cylindera (Plectographa) ritsemae</i> (Horn)	
— Maculation contacting lateral edge of elytron in middle third	64
64 (63). Tip of mandibles elongated, more than three times as long as the teeth; clypeus with thick white setae	69
— Tip of mandibles shorter, not as above; setae on clypeus thin	65
65 (64). Dorsal color black or brownish-black; labral length/width > 0.5	66
— Dorsal color brown, green or reddish-brown; labral length/width < 0.5	67
66 (65). Humeral lunule isolated; marginal band well developed and connected with middle band	
..... 46b. <i>Cylindera (Plectographa) melaleuca reedi</i> (Horn)	
— Humeral lunule connected with middle band; marginal band absent or small, sometimes with small connection to middle band	
..... 46a. <i>Cylindera (Plectographa) melaleuca melaleuca</i> (Dejean)	
67 (65). Elytral maculae isolated, especially not connected at lateral margin	
..... 45a. <i>Cylindera (Plectographa) drakei drakei</i> (Horn)	
— Elytral maculae connected	68
68 (67). Head and pronotum green; elytral maculation very wide	
..... 45c. <i>Cylindera (Plectographa) drakei latefascia</i> (Sumlin)	
— Head and pronotum brown; elytral maculation not as wide	
..... 45b. <i>Cylindera (Plectographa) drakei pseudochiloleuca</i> (Horn)	
69 (64). Elytral markings isolated	
..... 47a. <i>Cylindera (Plectographa) patagonica patagonica</i> (Brullé)	
— Elytral markings confluent	70
70 (69). Ground color brownish green to brown; total length of beetles < 10 mm	
..... 47c. <i>Cylindera (Plectographa) patagonica bergiana</i> (Horn)	

- Ground color blue or green; total length of beetles > 10 mm
..... **47b. *Cylindera (Plectographa) patagonica cherubim* (Chevrolat)**

Species

1. *Ctenostoma (Myrmecilla) ichneumoneum ellipticum* Naviaux, 1998 (Fig. 1)

Ctenostoma (Myrmecilla) ichneumoneum Dejean: Sarmiento 1965: 29-32; Cassola and Pearson 2001: 10.
Ctenostoma (Myrmecilla) ichneumoneum ellipticum: Naviaux 1998: 140, 141; Sawada and Wiesner 2002: 289; Erwin 2007: 186.

Distribution (Fig. 105). Argentina (Misiones), Brazil (Santa Catarina, Rio de Janeiro, Espirito Santo), Paraguay.

Localities. Misiones: Concepción (Sarmiento 1965: 29).

2. *Picnochile fallaciosa* (Chevrolat, 1854) (Fig. 2)

Picnochila fallaciosa: Bruch 1911: 145.

Picnochile fallaciosa: Wiesner 1992: 37; Cassola and Pearson 2001: 11; Erwin and Pearson 2008: 56.

Distribution (Fig. 106). Argentina (Chubut, Tierra del Fuego), Chile (Estrecho de Magallanes).

Localities. Tierra del Fuego: (Bruch 1911: 145). **Chubut:** (Bruch 1911: 145).

3. *Phaeoxantha bucephala* (Horn, 1909) (Fig. 3, 102)

Megacephala (Phaeoxantha) bucephala: Bruch 1911: 145; Horn 1926: 66; Wiesner 1992: 45.

Phaeoxantha bucephala: Pearson et al. 1999: 403; Cassola and Pearson 2001: 11; Sawada and Wiesner 2002: 289; Erwin and Pearson 2008: 52.

Distribution (Fig. 107). Argentina (Chaco, Formosa, Jujuy, Salta, Santiago del Estero, Tucumán), Bolivia, SW Brazil, Paraguay.

Records. Salta: Pocitos, xii.1977, 1 female; Las Lajitas, ii.1991, 1 male; Dep.Orán, Aguas Blancas, Río Bermejo, 390/400 m, J. Carreras, 21./22.xi.1992, 1 male, 3 females (JWGC); Río Seco, 26 km N Embarcación, night collection, leg. A. Bandinelli, 15.i.2013, 3 males, 9 females (ABIC). **Jujuy:** San Pedro, El Acheral, Río Lavayen, xi.1984, 1 male, 3 females (JWGC). **Chaco:** Depto Gral. Güemes, Pozo La Gringa, i.1996, 1 male (JWGC).

Localities. Santiago del Estero: (Bruch 1911: 145). **Tucumán:** (Bruch 1911: 145). **Salta:** (Bruch 1911: 145). **Jujuy:** (Erwin and Pearson 2008: 52). **Formosa:** (Erwin and Pearson 2008: 52).

Remarks. New record for Chaco.

4. *Phaeoxantha cruciata cruciata* (Brullé, 1837) (Fig. 4, 102)

Megacephala (Phaeoxantha) cruciata: Bruch 1911: 145; Wiesner 1992: 45.

Phaeoxantha cruciata: Pearson et al. 1999: 404; Cassola and Pearson 2001: 11; Sawada and Wiesner 2002: 289; Erwin and Pearson 2008: 52.

Distribution (Fig. 108). Argentina (Buenos Aires, Chaco, Entre Rios, Salta, Santa Fé), Bolivia, Brazil (Para), Paraguay, Uruguay.

Records. Entre Rios: Dept. Colón, Liebig, ii.1975, 1 male, 1 female; i.1990, 7 males, 3 females; 27.i.1990, 1 male; ii.1995, 1 male (JWGC); **Salta:** Río Seco, 26 km N Embarcación, night collection, leg. A. Bandinelli, 15.i.2013, 8 males, 4 females (ABIC).

Localities. Buenos Aires: (Bruch 1911: 145). **Santa Fé:** (Bruch 1911: 145). **Chaco:** (Erwin and Pearson 2008: 52).

Remarks. New records for Entre Rios and Salta.

5. *Phaeoxantha tremolerasi* (Horn, 1909) (Fig. 5)

Megacephala (*Phaeoxantha*) *Tremolerasi*: Bruch 1911: 146.

Phaeoxantha tremolerasi: Cassola and Pearson 2001: 11; Erwin and Pearson 2008: 55.

Distribution (Fig. 109). Argentina (Entre Rios, Misiones), Uruguay (Salto).

Records. Entre Rios: Palmar, i.1974, 2 males, 4 females; Colón, ii.1976, 1 male, 1 female; 12.xii.1981, 2 females; xii.1987, 1 male, 1 female; Liebig, i.1995, 1 male, 1 female (JWGC). **Misiones:** Iguazú, leg. Foerster, ix.1976, 1 male, 1 female; Dos de Mayo, xii.1980, 1 male; 500m, iv.1994, 1 female (JWGC).

Localities. Entre Rios: Concordia (Bruch 1911: 146).

Remarks. New record for Misiones.

6. *Phaeoxantha aequinoctialis aequinoctialis* (Dejean, 1825) (Fig. 6)

Megacephala (*Phaeoxantha*) *aequinoctialis*: Bruch 1911: 145; Horn 1926: 67; Wiesner 1992: 45.

Phaeoxantha aequinoctialis: Pearson et al. 1999: 402; Cassola and Pearson 2001: 11; Erwin and Pearson 2008: 50.

Distribution (Fig. 110). Argentina (Corrientes, Salta, Río Negro), Brazil (Goias), Bolivia (Chapare), Colombia, Ecuador, Venezuela (Buena Vista, Ciudad Bolivar), French Guiana, Guyana (Demerare), Peru.

Records. Corrientes: 1 male (JWGC).

Localities. Río Negro: (Horn 1926: 67). **Salta:** Orán (Bruch 1911: 145).

Remarks. New record for Corrientes.

7. *Phaeoxantha laminata* (Perty, 1830) (Fig. 7)

Megacephala (*Phaeoxantha*) *limata*: Bruch 1911: 146.

Phaeoxantha limata: Cassola and Pearson 2001: 11; Sawada and Wiesner 2002: 289; Erwin and Pearson 2008: 53, 54.

Phaeoxantha laminata (Perty, 1830): Naviaux 2008: 512.

Distribution (Fig. 111). Argentina (Misiones, ?Río Negro), Brazil (Amazonas, Mato Grosso, Para, Rondonia), Paraguay, Peru (Pebas, Sivia).

Localities. ?**Río Negro:** (Erwin and Pearson 2008: 54). **Misiones:** (Bruch 1911: 146).

8. *Metriocheila nigricollis* (Reiche, 1842) (Fig. 8, 97)

Megacephala (Metriocheila) nigricollis: Bruch 1911: 145; Horn 1926: 66.

Megacephala (Metriocheila) nigricollis: Wiesner 1992: 44.

Metriocheila nigricollis: Pearson et al. 1999: 401, 402; Cassola and Pearson 2001: 11; Erwin and Pearson 2008: 25.

Distribution (Fig. 112). Argentina (Catamarca, Jujuy, Salta, Tucumán), Bolivia, Colombia, Ecuador, Peru.

Records. **Tucumán:** San Pedro de Colalao, 1100 m, leg. A. Bandinelli, 8.i.2010, 1 female (ABIC). **Salta:** Río Blanco, Orán, iii.1994, 1 male; Dep. Orán, Angosto del Parani, 1700/1800 m, J. Carreras leg., 4./6.xi.1994, 1 male, 5 females (JWGC).

Localities. **Catamarca:** (Bruch 1911: 145). **Tucumán:** (Bruch 1911: 145). **Salta:** (Bruch 1911: 145). **Jujuy:** (Bruch 1911: 145).

9. *Tetracha (Microtetracha) germaini* Chaudoir, 1865 (Fig. 9, 96)

Megacephala (Tetracha) Germaini: Bruch 1911: 147; Horn 1926: 68; Wiesner 1992: 46.

Megacephala germaini: Sarmiento 1969: 151.

Tetracha germaini: Pearson, Guerra and Brzoska 1999: 412; Cassola and Pearson 2001: 11.

Tetracha (Microtetracha) germaini: Naviaux 2007: 30, 31; Erwin and Pearson 2008: 79.

Distribution (Fig. 113). Argentina (Buenos Aires, Chubut, Córdoba, La Rioja, Mendoza, San Juan, Santiago del Estero, Río Negro), Bolivia (Santa Cruz).

Records. **Córdoba:** Balnearia, leg. A. Ugarte-Peña, 7.-25.i.2000, 1 male (JWGC). **San Juan:** Ruta 142, 7.xii.1997, 2 males (JWGC). **La Rioja:** Mascasin, i.1962, 1 male (JWGC). **Santiago del Estero:** Río Saladillo, Salinas de Ambargasta, 68 km S Ciudad Loreto, night collection, leg. A. Bandinelli, 19.xii.2010, 1 male, 2 females; 16.i.2012, 2 males, 1 female (ABIC).

Localities. **Chubut:** (Bruch 1911: 147). **Río Negro:** (Naviaux 2007: 31). **Buenos Aires:** Pedro Luro (Sarmiento 1969: 153). **Córdoba:** (Sarmiento 1969: 153). **Mendoza:** (Bruch 1911: 147). **La Rioja:** Chañar (Sarmiento 1969: 153). **Santiago del Estero:** (Naviaux 2007: 31).

Remarks. New record for San Juan.

10. *Tetracha (Tetracha) brasiliensis brasiliensis* (Kirby, 1818) (Fig. 10)

Megacephala (Tetracha) brasiliensis: Bruch 1911: 146; Horn 1926: 77; Wiesner 1992: 51.

Tetracha brasiliensis: Pearson, Guerra and Brzoska 1999: 408, 409; Cassola and Pearson 2001: 12; Naviaux 2007: 73, 74; Erwin and Pearson 2008: 68.

Distribution (Fig. 114). Argentina (Buenos Aires, Chaco, Córdoba, Corrientes, Entre Ríos, Formosa, Mendoza, Misiones, Salta, Santa Fé, Santiago del Estero, Tucumán), Bolivia (Cochabamba, Jachalo, Santa Cruz), Brazil (Bahia, Espírito Santo, Mato Grosso, Minas Gerais, São Paulo, Rio de Janeiro, Rio Grande do Sul, Santa Catarina,), Paraguay, Peru.

Records. Buenos Aires: San Isidro, i.1974, 1 female (JWGC). **Entre Rios:** xii.1972, 1 male; Concordia, i.1975, 3 males, 2 females; Liebig, ii.1975, 1 male, 1 female; Salto Grande, iii.1978, 1 female; Federacion, i.1981, 6 males, 4 females; Uruguay R., 1.i.1990, 2 females; Colón, 1v.i.1993, 2 females (JWGC). **Santa Fé:** San Justo, xii.1977, 1 male (JWGC). **Salta:** Tartagal, i.1971, 1 male (JWGC). **Córdoba:** Laguna Mar Chiquita, 35 km E Balnearia, 30°57,885'S, 62°26,262'W, night collection, leg. A. Bandinelli, 13.i.2012, 1 male, 3 females (ABIC). **Santiago del Estero:** Pampa de los Guanacos, 100 km SE Monte Quemado, light trap, leg. A., Bandinelli, 31.xii.2011, 2 males, 1 female (ABIC); 1.i.2012, 20 males, 19 females (ABIC). **Chaco:** Resistencia, leg. A. Vollmer, xi.1977, 4 males, 2 females (ABIC); Charata, iii.1992, 1 female; x.-xi.1994, 2 males, 1 female; iv.1995, 1 female; Las Piedritas, i.1994, 1 male (JWGC). **Corrientes:** Ita-Ibaté, xii.1974, 2 males, 1 female; Ituzaingó, ii.1976, 1 male; Ituigango, i.1988, 1 female; Scorza-Cué, iv.1993, 1 male; Ita-Ibaté, Fluß Paraná, Nachtfang, R. Foerster, 26.i.1996, 1 female (JWGC). **Misiones:** Itaembe, xii.1986, 3 males, 1 female; Dos de Mayo, i.1990, 1 male; 500m, iv.1994, 1 female; Eldorado, 14.xii.1997, 1 male; Pozo Azull, ruta 17, R. Foerster, 3.i.2000, 1 female (JWGC).

Localities. Buenos Aires: (Naviaux 2007: 74). **Entre Rios:** (Naviaux 2007: 74). **Santa Fé:** (Erwin and Pearson 2008: 68). **Mendoza:** (Naviaux 2007: 74). **Tucumán:** (Bruch 1911: 146). **Formosa:** (Bruch 1911: 146). **Corrientes:** (Erwin and Pearson 2008: 68). **Misiones:** (Naviaux 2007: 74).

Remarks. New records for Chaco, Córdoba, Salta and Santiago del Estero.

11. *Tetracha (Neotetracha) annuligera* Lucas, 1857 (Fig. 11)

Tetracha annuligera: Cassola and Pearson 2001: 11.

Tetracha (Neotetracha) annuligera: Naviaux 2007: 82, 83; Erwin and Pearson 2008: 66.

Distribution (Fig. 115). Argentina (Jujuy), Bolivia (Santa Cruz), Brazil (Goias, Mato Grosso).

Localities. Jujuy: (Erwin and Pearson 2008: 66).

12. *Tetracha (Neotetracha) fulgida* (Klug, 1834) (Fig. 12, 95, 96, 100, 102)

Megacephala (Tetracha) fulgida: Bruch 1911: 146; Horn 1926: 73; Wiesner 1992: 48.

Tetracha fulgida: Pearson et al. 1999: 411, 412; Cassola and Pearson 2001: 11.

Tetracha (Neotetracha) fulgida: Naviaux 2007: 83-85; Erwin and Pearson 2008: 78.

Distribution (Fig. 116). Argentina (Buenos Aires, Catamarca, Chaco, Córdoba, Entre Rios, Formosa, Jujuy, La Pampa, Mendoza, Misiones, Río Negro, Salta, San Juan, San Luis, Santa Fé, Santiago del Estero), Bolivia, Brazil (Espírito Santo, Goias, Mato Grosso, Mato Grosso do Sul, Minas Gerais, Para, Santa Catarina, Sao Paulo), Colombia, Ecuador, Paraguay, Peru, Uruguay.

Records. Río Negro: Rio Colorado, 28.ii.1997, 1 male (JWGC). **La Pampa:** La Maruja, iii.1980, 7 males, 11 females (JWGC). **Buenos Aires:** Saavedra, ii.1975, 3 males (JWGC); Vedia, Ruta 7, 34°30,566'S, 61°31,385'W, night collection, leg. A. Bandinelli, 22.i.2012, 2 males, 2 females (ABIC). **Entre Rios:** Palmar, i.1974, 1 male, 1 female; Liebig, Dept. Colón, i.1986, 3 males, 9 females; iii.1994, 1 male (JWGC). **Santa Fé:** Carcarañá, Ruta 9 c/o Rosario, night collection, leg. A. Bandinelli, 19.i.2012, 1 male (ABIC). **Córdoba:** La Calera, ii.1976, 1 female; Tulumba, ii.1981, 1 male; Laboulaye, ii.1982, 6 males, 2 females; Santa Rosa, xi.1984, 1 male, 1 female (JWGC); Laguna Mar Chiquita, 35 km E Balnearia, 30°57,885'S, 62°26,262'W, night collection, leg. A. Bandinelli, 13.i.2012, 1 male (ABIC); La Para, 30°56,504'S, 62°53,018'W, light trap, leg. A. Bandinelli, 14.i.2012, 20 males, 11 females (ABIC); Villa Maria, night collection, leg. A. Bandinelli, 18.i.2012, 1 male (ABIC). **San Luis:** Balde, ii.1980, 1 male, 1 female (JWGC). **Mendoza:** El Mirador, R. Foerster, 19.ii.2000, 2 females (JWGC). **San Juan:** El Zonda, 800m, ii.1981, 6 males, 4 females (JWGC); San Agustin de Valle Fertil, Río del Valle, 900 m, night collection, leg. A.

Bandinelli, 18.xii.2011, 1 female (ABIC). **Catamarca:** Fuerte Quemado, 2000m, ii.1983, 1 male (JWGC); Río Salado, 45 km N Aimogasta, 900 m, night collection, leg. A. Bandinelli, 19.xii.2011, 3 males, 6 females (ABIC). **Santiago del Estero:** Colonia Dora, 6.v.1964, 1 male (JWGC); Río Saladillo, Salinas de Ambargasta, 68 km S Ciudad Loreto, night collection, leg. A. Bandinelli, 19.xii.2010, 3 males, 1 female (ABIC); Loreto environments, leg. A. Bandinelli, 22.xii.2011, 1 male, 1 female (ABIC); Nueva Esperanza, night collection, leg. A. Bandinelli, 23.xii.2011, 4 males, 2 females (ABIC); 11.i.2013, 1 male, 5 females (ABIC); Río Saladillo, Salinas de Ambargasta, 68 km S Ciudad Loreto, night coll., leg. A. Bandinelli, 16.i.2012, 28 males, 15 females (ABIC). **Salta:** Aguas Blancas, Orán, 700 m, E.O.Vollenweider leg., 17.xii.1958, 2 males; Tartagal, i.1975, 1 male; Pocitos, i.1975, 1 female; xii.1977, 1 male; i.1978, 2 males; Palomitei, i.1987, 1 female (JWGC); Ruta Prov. 5, 28 km SW Las Lajitas, 24°53,085'S, 64°23,467'W, 600 m, leg. A. Bandinelli, 13.i.2013, 4 males, 4 females (ABIC); Río Seco, 26 km N Embarcación, night collection, leg. A. Bandinelli, 15.i.2013, 15 males, 7 females (ABIC). **Jujuy:** San Pedro, El Acheral, Río Lavayen, xi.1984, 1 male (JWGC). **Chaco:** Pampa del Infierno, xi.1982, 1 female; Confluencia, del Río Bermejo y Río Bermejito, i.1995, 3 males, 2 females; Charata, iv.1995, 1 male; Puente Lavalle, Río Bermejo, i.1992, 4 males, 2 females (JWGC). **Misiones:** Itaembé, i.1987, 1 female; Eldorado, 9.xii.1992, 1 female (JWGC).

Localities. **Santiago del Estero:** (Erwin and Pearson 2008: 78). **Salta:** (Erwin and Pearson 2008: 78). **Formosa:** (Bruch 1911: 146). **Chaco:** (Erwin and Pearson 2008: 78). **Misiones:** (Bruch 1911: 146).

Remarks. New records for Buenos Aires, Catamarca, Córdoba, Entre Ríos, Jujuy, La Pampa, Mendoza, Río Negro, San Juan, San Luis and Santa Fé.

13. *Tetracha (Neotetracha) pseudodistinguenda* (Horn, 1905) (Fig. 13, 95, 100)

Megacephala (Tetracha) fulgida pseudodistinguenda: Bruch 1911: 147; Horn 1926: 74.

Megacephala (Tetracha) pseudodistinguenda: Wiesner 1992: 49.

Tetracha pseudodistinguenda: Pearson et al. 1999: 416; Cassola and Pearson 2001: 11.

Tetracha (Neotetracha) pseudodistinguenda: Naviaux 2007: 85, 86; Erwin and Pearson 2008: 90.

Distribution (Fig. 117). Argentina (Catamarca, Chaco, La Pampa, La Rioja, Mendoza, Misiones, Río Negro, San Juan, San Luis, Santiago del Estero, Salta, Tucumán), Bolivia (La Paz, Santa Cruz), Brazil (Mato Grosso), Paraguay (Asuncion, Boqueron, Canindeyu, Concepcion, Presidente Hayes).

Records. **Mendoza:** Desaguadero, A. Ugarte-Peña leg., 17.ii.1998, 1 female (JWGC). **San Juan:** El Zonda, 800 m, ii.1981, 1 female (JWGC). **La Rioja:** Chepes, A. Ugarte-Peña leg., ii.1998, 1 female (JWGC). **Catamarca:** Río Salado, 45 km N Aimogasta, leg. A. Bandinelli, 13.xii.2010, 1 male; 21.xii.2010, 2 males, 2 females (ABIC). **Santiago del Estero:** Nueva Esperanza, night collection, leg. A. Bandinelli, 23.xii.2011, 1 male (ABIC). **Chaco:** 80 km N Miraflores, Pozo La Gringa, O. Gonzales leg., iii.1995, 2 males, 7 females (JWGC). **Salta:** Ruta 47, Arroyo El Tunal, c/o Dique Cabra Corral, leg. A. Bandinelli, 9.i.2010, 1 female; San Carlos, c/o Cafayate, 1600 m, 13.i.2010, 1 female (ABIC).

Localities. **Río Negro:** (Naviaux: 2007: 86). **La Pampa:** (Naviaux: 2007: 86). **San Luis:** (Bruch 1911: 147). **Mendoza:** (Bruch 1911: 147). **Catamarca:** (Bruch 1911: 147). **Santiago del Estero:** (Naviaux: 2007: 86). **Tucumán:** (Bruch 1911: 147). **Salta:** (Naviaux: 2007: 86). **Chaco:** (Naviaux: 2007: 86). **Misiones:** (Naviaux: 2007: 86).

Remarks. New records for La Rioja and San Juan.

14. *Tetracha (Neotetracha) distinguenda* (Dejean, 1831) (Fig. 14, 95, 96, 98, 100)

Megacephala (Tetracha) distinguenda: Bruch 1911: 146; Horn 1926: 73; Wiesner 1992: 48.

Megacephala (Tetracha) biprolongata Horn, 1937: Wiesner 1992: 48.

Megacephala (Tetracha) biprolongata dorotheae Mandl, 1957: Wiesner 1992: 48.

Megacephala (Tetracha) biprolongata nigroviridis Mandl, 1967: Wiesner 1992: 48.

Tetracha distinguenda: Pearson et al. 1999: 410, 411; Cassola and Pearson 2001: 11.

Tetracha (Neotetracha) distinguenda: Naviaux 2007: 96, 97; Sawada and Wiesner 2002: 290-291; Erwin and Pearson 2008: 75.

Tetracha biprolongata: Cassola and Pearson 2001: 11; Cassola and Werner 2001: 8, 9.

Distribution (Fig. 118). Argentina (Buenos Aires, Catamarca, Chaco, Chubut, Córdoba, Corrientes, Entre Ríos, Formosa, La Rioja, Misiones, Río Negro, Santiago del Estero, Salta, San Juan, Santa Fé, Tucumán), Bolivia (Santa Cruz), Paraguay, Uruguay (Canelones).

Records. Río Negro: Río Colorado, R. Foerster, 20.ii.2001, 2 males, 2 females (JWGC). **Buenos Aires:** Vedia, Ruta 7, 34°30,566'S, 61°31,385'W, night collection, leg. A. Bandinelli, 22.i.2012, 6 males, 9 females (ABIC). **Entre Ríos:** Liebig, Dept. Colón, 12.iv.1974, 2 males; ii.1975, 1 male, 2 females; iii.1979, 1 female; i.1986, 4 males, 2 females; ii.1995, 1 male (JWGC). **Santa Fé:** Carcarañá, Ruta 9 c/o Rosario, at lights, leg. A. Bandinelli, 19.i.2012, 2 males, 3 females (ABIC). **Córdoba:** Capilla del Monte, ii.1980, 1 female; Santa Rosa, xi.1984, 2 females (JWGC); Salinas Grandes, c/o Lucio Mansilla, 80 km NW Dean Funes, leg. A. Bandinelli, 20.xii.2010, 1 female (ABIC); Laguna Mar Chiquita, 35 km E Balnearia, 30°57,885'S, 62°26,262'W, night collection, leg. A. Bandinelli, 13.i.2012, 13 males, 12 females (ABIC); Laguna Mar Chiquita, La Para, 30°56,504'S, 62°53,018'W, light trap, leg. A. Bandinelli, 14.i.2012, 11 males, 9 females (ABIC); Villa Maria, night collection, leg. A. Bandinelli, 18.i.2012, 8 males, 15 females (ABIC); Oliva environments, 32°06,071'S, 63°32,117'W, night collection, leg. A. Bandinelli, 9.i.2013, 11 males, 8 females (ABIC). **San Juan:** El Zonda, 800 m, ii.1981, 2 males (JWGC); San Agustín de Valle Fertil, Río del Valle, 900 m, night collection, leg. A. Bandinelli, 18.xii.2011, 1 female (ABIC). **La Rioja:** Chamental, 500 m, at lights, leg. A. Bandinelli, 27.xi.2004, 2 males, 1 female (ABIC). **Catamarca:** Río Salado, 45 km N Aimogasta, 900 m, night collection, leg. A. Bandinelli, 19.xii.2011, 1 male (ABIC). **Santiago del Estero:** Fernandez, ii.1976, 3 males, 4 females; Monte Quemado, iii.1992, 2 males (JWGC); Ciudad de Loreto, at lights, leg. A. Bandinelli, 24.xi.2004, 11 males, 8 females (ABIC); 1 male (MZUF); Termas de Río Hondo, at lights, leg. A. Bandinelli, 18.xii.2010, 14 males, 4 females; Río Saladillo, Salinas de Ambargasta, 68 km S Ciudad Loreto, night collection, 19.xii.2010, 4 males, 4 females (ABIC); Pampa de los Guanacos, 100 km SE Monte Quemado, light trap, leg. A., Bandinelli, 1.i.2012, 1 female (ABIC); Nueva Esperanza, night collection, leg. A. Bandinelli, 23.xii.2011, 14 males, 11 females (ABIC); 11.i.2013, 13 males, 14 females (ABIC); Río Saladillo, Salinas de Ambargasta, 68 km S Ciudad Loreto, night coll., leg. A. Bandinelli, 16.i.2012, 5 males, 10 females (ABIC). **Salta:** Do. San Martín, Tartagal, xii.1971, 1 male, 4 females; Pocitos, xii.1977, 1 female (JWGC); Las Lajitas, 50 km N Joaquín Gonzales, 500 m, night collection, leg. A. Bandinelli, 29.xii.2011, 17 males, 7 females (ABIC). **Chaco:** Castelli, 29.iii.1977, 3 males, 5 females; Avia Teray, xii.1991, 4 males; Charata, ii.1991, 2 males; iii.1992, 2 females; i.1993, 2 males, 4 female; i.1994, 1 female; x.-xi.1994, 2 males, 3 females; 15.i.1996, 2 males, 1 female; J. Carreras leg., 8.i.1992, 1 male; 14.i.1993, 1 female; 80 km N Miraflores, Pozo La Gringa, O. Gonzales leg., iii.1995, 1 female; Pampa Avila, xii.1995, 1 male, 1 female (JWGC); Quitilipi, 140 km NW Resistencia, light trap, leg. A. Bandinelli, 2.i.2012, 1 male, 1 female (ABIC). **Misiones:** Pto. Esperanza, xii.1991, 1 male (JWGC).

Localities. Chubut: (Erwin and Pearson 2008: 75). **Buenos Aires:** (Bruch 1911: 146). **Santa Fé:** (Wiesner 1992: 48). **Córdoba:** (Bruch 1911: 146); Salinas Grandes, 17 km W Serrezuela, 18.-19.xi.1999 (Cassola and Werner 2001: 8). **Mendoza:** (Bruch 1911: 146). **Catamarca:** W of Salinas Grandes, 30 km E of La Guardia, 28.-29.xi.1999 (Cassola and Werner 2001: 8). **Santiago del Estero:** (Wiesner 1992: 48). **Tucumán:** (Bruch 1911: 146). **Formosa:** (Naviaux 2007: 97). **Salta:** (Naviaux 2007: 97). **Chaco:** (Naviaux 2007: 97). **Corrientes:** (Wiesner 1992: 48).

Remarks. New records for Entre Ríos, La Rioja, Misiones, Río Negro and San Juan.

15. *Tetracha* (*Neotetracha*) *cyanea* (Horn, 1905) (Fig. 15, 95)

Megacephala (*Tetracha*) *fulgida cyanea*: Bruch 1911: 146; Horn 1926: 74.

Megacephala (*Tetracha*) *cyanea*: Wiesner 1992: 49.

Megacephala (*Tetracha*) *cyanea fleissi* Mandl, 1956: Wiesner 1992: 49.

Tetracha cyanea: Cassola and Pearson 2001: 11.

Tetracha (*Neotetracha*) *cyanea*: Naviaux 2007: 100-102; Erwin and Pearson 2008: 74.

Distribution (Fig. 119). Argentina (Catamarca, Córdoba, Jujuy, Mendoza, Misiones, Neuquén, Río Negro, Salta, San Juan, San Luis), Paraguay.

Records. **Córdoba:** Dto. Capital, ii.1976, 5 males (JWGC). **San Luis:** Ciudad, i.1975, 1 female (JWGC). **San Juan:** El Huaco, 23.i.1995, 2 females (JWGC). **Catamarca:** Punta de Balasto, 23.ii.1995, 1 male, 1 female; Río Salado, 45 km N Aimogasta, night collection, leg. Aligi Bandinelli, 21.xii.2010, 2 males, 2 females (JWGC), 8 males, 14 females (ABIC), 1 female (MZUF), 1 male, 1 female (AKCC); Río Salado, 45 km N Aimogasta, 900 m, night collection, leg. A. Bandinelli, 19.xii.2011, 20 males, 23 female (ABIC). **Salta:** Cafayate, i.1991, 1 female (JWGC). **Jujuy:** San Pedro, El Acheral, Río Lavayen, xi.1984, 1 male (JWGC). **Misiones:** Pto Esperanza, xii.1991, 1 male (JWGC).

Localities. **Río Negro:** (Wiesner 1992: 49). **Neuquén:** (Wiesner 1992: 49). **Mendoza:** (Bruch 1911: 146). **San Juan:** (Bruch 1911: 146). **Catamarca:** (Bruch 1911: 146). **Salta:** (Naviaux 2007: 102). **Jujuy:** (Naviaux 2007: 102).

Remarks. New records for Córdoba, Misiones and San Luis.

16. *Tetracha* (*Neotetracha*) *quadrata* Naviaux, 2007 (Fig. 16)

Tetracha (*Neotetracha*) *quadrata*: Naviaux 2007: 110, 117; Erwin and Pearson 2008: 91.

Distribution (Fig. 120). Argentina (Salta).

Records. **Salta:** Do. San Martin, Tartagal, xii.1971, 1 female (JWGC).

Localities. **Salta:** Dept. San Martin, Tartagal, xii.1971 (Naviaux 2007: 110).

17. *Tetracha* (*Neotetracha*) *prolongata* (Horn, 1932) (Fig. 17)

Megacephala (*Tetracha*) *annuligera prolongata*: Wiesner 1992: 49.

Megacephala (*Tetracha*) *annuligera forsteri* Nidek, 1956: Wiesner 1992: 49.

Tetracha prolongata: Cassola and Pearson 2001: 11.

Tetracha (*Neotetracha*) *prolongata*: Naviaux 2007: 124, 125; Erwin and Pearson 2008: 90.

Distribution (Fig. 121). Argentina (Chaco, Jujuy, Misiones, Salta, Santiago del Estero, Tucumán), Bolivia (Santa Cruz).

Records. **Santiago del Estero:** Los Tigres, xi.1982, 3 males, 10 females (JWGC). **Salta:** Aguas Blancas, Orán, E.O.Vollenweider leg., 17.xii.1958, 2 males; Tolloche, xi.1982, 1 male, 4 females; Rosario de Lerma, i.1990, 1 female; Cabra Corral, i.1991, 1 male; Río Blanco, Orán, iii.1992, 1 male (JWGC). **Jujuy:** San Pedro, El Acheral, Río Lavayen, xi.1984, 1 male (JWGC). **Chaco:** Pampa del Infierno, xi.1982, 1 male, 2 females; Taco Pozo, xi.1982, 2 males, 4 females (JWGC). **Misiones:** Dos de Mayo, xii.1980, 1 male; Itaembé, i.1987, 1 male, 2 females (JWGC).

Localities. **Santiago del Estero:** (Wiesner 1992: 49). **Tucumán:** (Wiesner 1992: 49). **Salta:** (Wiesner 1992: 49). **Jujuy:** (Wiesner 1992: 49).

Remarks. New records for Chaco and Misiones.

18. *Tetracha (Neotetracha) brevisulcata* Horn, 1907 (Fig. 18)

Megacephala (Tetracha) affinis brevisulcata: Bruch 1911: 146; Horn 1926: 77; Wiesner 1992: 51.

Tetracha affinis Dejean, 1825: Cassola and Pearson 2001: 11.

Tetracha (Neotetracha) brevisulcata: Naviaux 2007: 126, 127; Erwin and Pearson 2008: 69.

Distribution (Fig. 122). Argentina (Buenos Aires, Chaco, Córdoba, Entre Ríos, Formosa, Misiones, Santiago del Estero,), Bolivia, Paraguay (Boqueron, Presidente Hayes), Uruguay (Canelones).

Records. **Entre Ríos:** Colón, 6.xii.1978, 2 males; San José, iii.1982, 1 female (JWGC). **Córdoba:** Laguna Mar Chiquita, 35 km E Balnearia, 30°57,885'S, 62°26,262'W, night collection, leg. A. Bandinelli, 13.i.2012, 1 male, 2 females (ABIC). **Santiago del Estero:** Sachayos, i.1993, 1 female (JWGC). **Chaco:** 80 km N Miraflores, Pozo La Gringa, O. Gonzales leg., iii.1995, 1 male, 3 females; Charata, iii.1992, 2 males, 1 female; x.-xi.1994, 3 males, 2 females; iv.1995, 1 male; Sm. Bemeras, J. Carreras leg., 20.i.1980, 1 female (JWGC); Quitilipi, 140 km NW Resistencia, light trap, leg. A. Bandinelli, 2.i.2012, 1 male, 1 female (ABIC). **Misiones:** Eldorado, 14.ii.1992, 1 female; 9.xii.1992, 1 female; Río Esperanza, xii.1991, 3 males, 1 female (JWGC).

Localities. **Buenos Aires:** (Bruch 1911: 146). **Santiago del Estero:** (Bruch 1911: 146). **Formosa:** (Erwin and Pearson 2008: 69).

Remarks. New records for Chaco, Córdoba, Entre Ríos and Misiones.

19. *Tetracha (Paratetracha) femoralis rivalieri* Naviaux, 2007 (Fig. 19)

Megacephala (Tetracha) femoralis Perty: Bruch 1911: 146; Horn 1926: 78; Wiesner 1992: 52.

Tetracha femoralis: Cassola and Pearson 2001: 12.

Tetracha (Paratetracha) femoralis rivalieri: Naviaux 2007: 149-151; Erwin and Pearson 2008: 77.

Distribution (Fig. 123). Argentina (Misiones), Paraguay (Itapúa).

Localities. **Misiones:** Loreto, ii.1961; S. Pedro, Copelato, 4.i.1956 (Naviaux 2007: 149).

20. *Oxycheila pinelii* Guérin-Méneville, 1843 (Fig. 20)

Oxycheila pinelii: Wiesner 1999: 18, 19; Cassola and Pearson 2001: 12; Erwin and Pearson 2008: 44.

Distribution (Fig. 124). Argentina (Misiones), Brazil (Rio de Janeiro, Rio Grande do Sul, Santa Catarina, São Paulo), Paraguay.

Records. **Misiones:** Dos de Mayo, Coll. Dr. Weinmann, ii.1966, 1 male; i.1990, 2 males; Dto. Guerama, El Soberbio, Ac. Soberbio, J. Carreras leg., 1 male; Eldorado, 14.xii.1997, 1 male (JWGC).

Localities. **Misiones:** Dos de Mayo, ii.1966; Iguazú, 14.xii.1981; Puerto Iguazú, i.1991; Eldorado, 14.xii.1997, Guerama El Soberbio, Ac. Soberbio (Wiesner 1999: 19).

21. *Oxycheila femoralis* Laporte de Castelnau, 1833 (Fig. 21)

Oxychila femoralis: Bruch 1911: 147; Horn 1926: 80.

Oxycheila femoralis: Wiesner 1992: 53; Wiesner 1999: 25-26; Cassola and Pearson 2001: 12; Erwin and Pearson 2008: 36, 37.

Distribution (Fig. 125). Argentina (Buenos Aires, Entre Rios), Brazil (Rio Grande do Sul, Santa Catarina), ?Paraguay, Uruguay.

Records. Entre Rios: Palmar de Colón, A. Vollmer, i.1975, 1 male; Colón, 15.i.1975, 1 male, 1 female (JWGC).

Localities. Buenos Aires: Islas de S. Fernando, i.1976 (Wiesner 1999: 26). **Entre Rios:** Liebigh, ii.1975; Colón, 15.i.1975 (Wiesner 1999: 26).

22. *Oxycheila germaini* (Fleutiaux, 1893) (Fig. 22)

Oxychila Germaini: Bruch 1911: 147; Horn 1926: 80.

Oxycheila germaini: Wiesner 1992: 54; Wiesner 1999: 27-29; Cassola and Pearson 2001: 12; Erwin and Pearson 2008: 37.

Distribution (Fig. 126). Argentina (Buenos Aires, La Rioja, Misiones, Salta), Bolivia, Peru.

Records. Buenos Aires: San Isidro, i.1974, 1 female (JWGC). **La Rioja:** Patquia, x.1985, 1 female (JWGC). **Salta:** El Infiernillo, i.1992, 1 male (JWGC).

Localities. Buenos Aires: S. Antonio, Inguruy, 20.ii.1920; San Isidro i.1974 (Wiesner 1999: 29). **La Rioja:** Patquia, x.1985 (Wiesner 1999: 29). **Salta:** El Infiernillo, i.1992; P. Nat. Baritu, Finca Jakulika, 19.xii.1990 (Wiesner 1999: 29). **Misiones:** Posadas, Itaempe Mini, 3.ii.1986 (Wiesner 1999: 29).

23. *Oxycheila labiata* (Brullé, 1837) (Fig. 23)

Oxychila labiata: Horn 1926: 81.

Oxycheila labiata: Wiesner 1992: 54; Wiesner 1999: 38, 39; Cassola and Pearson 2001: 13; Erwin and Pearson 2008: 41.

Distribution (Fig. 127). Argentina (Jujuy, Salta), Bolivia, Brazil (Mato Grosso, Mato Grosso do Sul, Minas Gerais, Rondonia, Sao Paulo), Paraguay.

Localities. Salta: RN-34, Aguaray, Tartagal (Wiesner 1999: 39). **Jujuy:** El Quemado, x.1926 (Wiesner 1999: 39).

24. *Oxycheila opacipennis* Waterhouse, 1889 (Fig. 24)

Oxycheila opacipennis: Wiesner 1992: 53; Wiesner 1999: 50, 51; Cassola and Pearson 2001: 13; Erwin and Pearson 2008: 43.

Distribution (Fig. 128). Argentina (Misiones), Brazil (Parana, Sao Paulo).

Records. Misiones: Puerto Iguazú, 13.xii.1987, 1 male; Puerto Iguazú, 10.xii.1988, 1 male (JWGC).

Localities. Misiones: Iguazú, 2.xii.1986; Puerto Iguazú, 13.xii.1987 (Wiesner 1999: 51).

25. *Odontocheila chrysis* (Fabricius, 1801) (Fig. 25, 26, 102)

Odontochila (*Odontochila*) *chrysis*: Bruch 1911: 147; Horn 1926: 121.

Odontocheila chrysis: Wiesner 1992: 79; Pearson et al. 1999: 439-442; Cassola and Pearson 2001: 14; Sawada and Wiesner 2002: 297; Erwin and Pearson 2008: 271.

Distribution (Fig. 129). Argentina (Buenos Aires, Chaco, Córdoba, Corrientes, Entre Ríos, Formosa, Jujuy, Misiones, Salta, Santiago del Estero, Tucumán), Bolivia, Brazil (Amazonas, Goiás, Mato Grosso, Minas Gerais, Paraná, Rio de Janeiro, São Paulo), Colombia, French Guiana, Guyana, Paraguay, Peru, Surinam, Uruguay, Venezuela.

Records. Buenos Aires: San Isidro, i.1976, 3 males, 3 females (JWGC). **Entre Ríos:** Federación, i.1986, 1 female; Liebig, Dept. Colón, i.1986, 1 male, 2 females; i.1989, 1 female; Colón, 20.xii.1996, 1 female (JWGC). **Córdoba:** Córdoba Nord, at lights, leg. A. Bandinelli, 4.i.2010, 1 male (ABIC). **Santiago del Estero:** Pampa de los Guanacos, 100 km SE Monte Quemado, light trap, leg. A., Bandinelli, 31.xii.2011, 2 males, 1 female; i.i.2012, 1 male (ABIC). **Salta:** Pichanal, i.1975, 1 male; Rosario de Lerma, i.1990, 2 females; Cabra Corral, i.1991, 1 female; Las Lajitas, xii.1991, 1 female (JWGC); 32 km SW Las Lajitas, Ruta Prov. 5, (24°55,2'S - 64°25,6'W) 600 m, light trap, leg. A. Bandinelli, 12.i.2013, 17 males, 17 females; Río Seco, 26 km N Embarcación, night collection, leg. A. Bandinelli, 15.i.2013, 3 males (ABIC). **Jujuy:** Yuto, ii.1985, 1 male, 1 female (JWGC); Ciudad General San Martín, 500 m, at lights, leg. A. Bandinelli, 14.xii.2010, 1 male (ABIC). **Formosa:** Bouvier, xii.1974, 1 male (JWGC). **Chaco:** Taco Pozo, xi.1982, 1 male; Pampa del Infierno, xi.1982, 1 female; Avia Teray, ii.1991, 1 male, 2 females; Charata, i.1992, 1 female; i.1993, 1 female; x.1994, 1 male, 1 female; iv.1995, 2 females; Las Breñas, i.1995, 2 females (JWGC); Quitilipi, 140 km NW Resistencia, light trap, leg. A. Bandinelli, 2.i.2012, 18 males, 12 females (ABIC). **Corrientes:** Ituzaingó, ii.1976, 1 female (JWGC); Ruta 11, c/o Itati, 50 km E Corrientes, light trap, leg. A. Bandinelli, 4.i.2012, 1 male (ABIC). **Misiones:** San Antonio, xii.1974, 1 female; Itaembé, xii.1986, 1 female; i.1987, 1 female; Puerto Iguazú, xii.1974, 1 male; 2.xi.1987, 6 males, 1 female; xii.1987, 1 male, 2 females; 17.xii.1989, 1 male, 1 female; 22.xi.1989, 2 males, 1 female; 10.xii.1990, 1 female; 9.i.1991, 3 males, 1 female; Río Uruguay-Media, La Pasarela, ii.1986, 1 female (JWGC).

Localities. Buenos Aires: (Bruch 1911: 147). **Santiago del Estero:** (Erwin and Pearson 2008: 271). **Tucumán:** (Bruch 1911: 147). **Salta:** (Erwin and Pearson 2008: 271). **Formosa:** (Erwin and Pearson 2008: 271). **Chaco:** (Erwin and Pearson 2008: 271). **Misiones:** (Erwin and Pearson 2008: 271).

Remarks. New records for Córdoba, Corrientes, Entre Ríos and Jujuy.

26. *Odontocheila nitidicollis* (Dejean, 1825) (Fig. 27)

Odontochila (*Odontochila*) *nitidicollis*: Bruch 1911: 148; Horn 1926: 122.

Odontocheila nitidicollis: Wiesner 1992: 80; Cassola and Pearson 2001: 14; Pearson et al. 1999: 449, 450; Sawada and Wiesner 2002: 296; Erwin and Pearson 2008: 283, 284.

Distribution (Fig. 130). Argentina (Catamarca, Formosa, Jujuy, Salta, Tucumán), Bolivia, Brazil (Acre, Bahia, Goiás, Mato Grosso, Minas Gerais, Santa Catarina, São Paulo), Paraguay.

Localities. Catamarca: (Erwin and Pearson 2008: 284). **Tucumán:** (Bruch 1911: 148). **Salta:** (Bruch 1911: 148). **Jujuy:** (Erwin and Pearson 2008: 284). **Formosa:** (Erwin and Pearson 2008: 284).

27. *Odontocheila fulgens* (Klug, 1834) (Fig. 28, 29)

Odontochila (*Odontochila*) *fulgens*: Bruch 1911: 147; Horn 1926: 121.

Odontocheila fulgens: Wiesner 1992: 80; Pearson et al. 1999: 447; Cassola and Pearson 2001: 14; Sawada and Wiesner 2002: 297; Erwin and Pearson 2008: 276.

Distribution (Fig. 131). Argentina (Chaco, Córdoba, Entre Rios, Formosa, Santiago del Estero), Bolivia, Brazil (Mato Grosso do Sul), Paraguay.

Records. Entre Rios: P. N. El Palmar, Ubajay, leg. Thomas Wiesner, 4.ii.2002, 1 female (JWGC); 5.ii.2002, 1 female (JWGC). **Chaco:** Charata, i.1992, 1 female (JWGC).

Localities. Entre Rios: (Bruch 1911: 147). **Córdoba:** (Bruch 1911: 147). **Santiago del Estero:** (Erwin and Pearson 2008: 276). **Formosa:** (Erwin and Pearson 2008: 276).

Remarks. New record for Chaco.

28. *Odontocheila yunga* Huber, 1999 (Fig. 30)

Odontocheila yunga: Pearson et al. 1999: 453; Cassola and Pearson 2001: 14; Erwin and Pearson 2008: 289.

Distribution (Fig. 132). ?Argentina (Jujuy), Bolivia (Tarija).

Localities. ?Jujuy: (Erwin and Pearson 2008: 289).

Remarks. No specimens known from Argentina as of yet.

29. *Pentacomia* (*Poecilochila*) *rhytidopteroides* (Horn, 1906) (Fig. 31)

Odontochila (*Odontochila*) *Lacordairei rhytidopteroides*: Bruch 1911: 148; Horn 1926: 121.

Pentacomia (*Poecilochila*) *rhytidopteroides*: Wiesner 1992: 82; Pearson et al. 1999: 470; Cassola and Pearson 2001: 15; Sawada and Wiesner 2002: 299; Erwin and Pearson 2008: 313, 314.

Distribution (Fig. 133). Argentina (Chaco, Formosa, Jujuy, Salta, Santiago del Estero), Bolivia, Brazil (Mato Grosso, Mato Grosso do Sul), Paraguay.

Records. Santiago del Estero: Sachayos, i.1993, 4 females (JWGC); Campo Grande, 35 km SE Nueva Esperanza, light trap, leg. A. Bandinelli, 22.xii.2011, 1 male, 1 female (ABIC); Pampa de los Guanacos, 100 km SE Monte Quemado, light trap, leg. A., Bandinelli, 1.i.2012, 2 males, 4 females (ABIC). **Jujuy:** Ciudad General San Martín, 500 m, at lights, leg. A. Bandinelli, 11.i.2010, 5 females; 14.xii.2010, 1 male (ABIC). **Chaco:** Charata, i.1993, 2 males, 2 females; Charata, iv.1994, 1 female; Las Breñas, i.1995, 1 male, 3 females; 80 km N Miraflores, Pozo La Gringa, O. Gonzales leg., iii.1995, 1 female (JWGC). **Salta:** 32 km SW Las Lajitas, Ruta Prov. 5, (24°55,2'S - 64°25,6'W) 600 m, light trap, leg. A. Bandinelli, 12.i.2013, 2 males, 1 female (ABIC).

Localities. Formosa: Puerto Bouvier (Bruch 1911: 148), Chaco Pilcomaya (Wiesner 1992: 82). **Chaco:** (Erwin and Pearson 2008: 314).

Remarks. New records for Jujuy, Salta and Santiago del Estero.

30. *Pentacomia (Mesacanthina) cribrata argentina* (Lynch, 1878) (Fig. 32)*Cicindela cribrata argentina*: Bruch 1911: 149; Horn 1926: 303.*Prepusa cribrata argentina*: Sarmiento 1963: 133.*Pentacomia (Mesacanthina) cribrata argentina*: Moravec (pers. communication)**Distribution** (Fig. 134). Argentina (Catamarca, Jujuy, Río Negro, Santa Fé, Salta, San Juan, Tucumán).

Records. Salta: Aguas Blancas, Orán, 700 m, E.O.Vollenweider leg., 17.xii.1958, 2 females; Dept. San Martín, Tartagal, xii.1971, 2 females; Pichanal, i.1975, 2 males; Pocitos, i.1975, 1 male, 1 female; Senda Hachada, ii.1979, 5 males, 1 female; Río Blanco, Orán, ii.1991, 1 male; Angosto Río Parani, 20.x.1994, 1 male; Dto. Orán, Angosto del Parani, 1700/1800m, 28.x.1994, J. Carreras leg., 1 male (JWGC); Río del Valle, c/o Las Lajitas, 24°42,218'S 64°11,345'W, 450 m, leg. Aligi Bandinelli, 15.xii.2010, 1 male, 1 female (JWGC), 6 males 7 females (ABIC); Parque Nacional El Rey, Zanja del Arenal, 900 m, leg. A. Bandinelli, 27.xii.2011, 6 males, 7 females; 30.xii.2011, 2 males (ABIC); Ruta Prov. 5, 28 km SW Las Lajitas, 24°53,085'S - 64°23,467'W, 600 m, leg. A. Bandinelli, 13.i.2013, 19 males, 25 females; 30.xii.2011, 2 males, 1 female (ABIC). **San Juan:** San Agustín de Valle Vertil, Río del Valle, 900 m, leg. A. Bandinelli, 19.xii.2011, 1 female (ABIC). **Misiones:** Itaembé, i.1987, 1 male (JWGC).

Localities. Río Negro: (Bruch 1911: 149). **Santa Fé:** (Sarmiento 1963: 133). **Catamarca:** (Sarmiento 1963: 133). **Tucumán:** (Bruch 1911: 149). **Salta:** (Bruch 1911: 149). **Jujuy:** (Sarmiento 1963: 133).

Remarks. New records for Misiones and San Juan. According to J. Moravec (pers. communication) *Pentacomia cribrata* is represented in Argentina by its subspecies *P. c. argentina* Lynch only.

31. *Pentacomia (Mesacanthina) reductesignata* Horn, 1905 (Fig. 33)*Cicindela cribrata reductesignata*: Bruch 1911: 149; Horn 1926: 303.*Prepusa reductesignata*: Sarmiento 1963: 134, 135.*Pentacomia (Mesacanthina) reductesignata*: Wiesner 1992: 83; Pearson et al. 1999: 458; Cassola and Pearson 2001: 15; Cassola and Werner 2001: 9; Sawada and Wiesner 2002: 299; Erwin and Pearson 2008: 313.**Distribution** (Fig. 135). Argentina (Catamarca, Chaco, Córdoba, Formosa, Jujuy, Misiones, Salta, San Juan, Santa Fé, Santiago del Estero, Tucumán), Bolivia, Paraguay (Asunción, Villarica).

Records. Santa Fé: Carcarañá, Ruta 9 c/o Rosario, at lights, leg. A. Bandinelli, 19.i.2012, 1 female (ABIC). **Córdoba:** Santa Rosa, xi.1984, 1 female (JWGC); Pretot Freyre (33°55'53 S, 64°32'38 W), 95 km E Villa Mercedes, 7.xii.2004, 1 female (ABIC); Córdoba North, at lights, leg. A. Bandinelli, 4.i.2010, 1 male; Laguna Mar Chiquita, c/o Balnearia, leg. A. Bandinelli, 13.i.2012, 12 males, 18 females (ABIC); Laguna Mar Chiquita, 35 km E Balnearia, 30°57,885'S, 62°26,262'W, at lights, leg. A. Bandinelli, 13.i.2012, 2 males, 1 female (ABIC); Laguna Mar Chiquita, La Para, 30°56,504'S, 62°53,018'W, light trap, leg. A. Bandinelli, 14.i.2012, 2 males, 7 females (ABIC). **Santiago del Estero:** Icaño, ii.1977, 1 female; Los Tigres, xi.1982, 1 male, 6 females; Laguna del Cisne, ii.1991, 8 males, 6 females; Sachayos, i.1993, 1 female; Salinas Laguna Cisne, Lichtfalle, R. Foerster, 14.ii.1997, 5 males, 1 female (JWGC); Termas de Río Hondo, leg. A. Bandinelli, 18.xii.2010, 7 males (ABIC); Loreto environments, leg. A. Bandinelli, 22.xii.2011, 1 male (ABIC); Nueva Esperanza, leg. A. Bandinelli, 23.xii.2011, 1 male (ABIC); Ruta 9, c/o Río Saladillo, 28°48,559'S, 64°00,704'W, leg. A. Bandinelli, 16.i.2012, 2 males, 5 females (ABIC). **Salta:** Pichanal, i.1970, 1 male; Güemes, i.1975, 1 female; Tolloche, xi.1982, 5 males, 4 females; Catos, i.1987, 1 female; Cabra Corral, ii.1991, 1 male, 1 female; Las Lajitas, xii.1991, 3 females; Dto. Orán, Angosto del Parani, 1700/1800 m, J. Carreras leg., 28.x.1994, 1 male, 2 females (JWGC); Río del Valle, c/o Lajita, 24°42,218'S, 64°11,345'W, 450 m, leg. A. Bandinelli, 15.xii.2010, 1 male, 1 female (ABIC); Río San Andrés, c/o San Ramón de la Nueva Orán, leg. A. Bandinelli, 16.i.2013, 2 males (ABIC). **Jujuy:** San Pedro, El

Acherar, Río Lavayen, xi.1984, 12 males, 5 females; Yuto, ii.1985, 1 female (JWGC); Ciudad General San Martín, 500 m, at lights, leg. A. Bandinelli, 11.i.2010, 8 males, 4 females (ABIC), 1 male, 1 female (MZUF), 14.xii.2010, 5 males, 3 females (ABIC). **Chaco:** Pampa del Infierno, xi.1982, 9 males, 11 females; Puente Lavalle, Río Bermejo, i.1992, 1 male; Las Breñas, i.1995, 3 males, 6 females; Confluencia del Río Bermejo y Río Bermejito, i.1995, 2 males, 2 females; 80 km N Miraflores, Pozo La Gringa, O. Gonzales leg., iii.1995, 2 males, 1 female; Pampa Avila, xii.1995, 1 male (JWGC); Quitilipi, 140 km NW Resistencia, light trap, leg. A. Bandinelli, 2.i.2012, 1 female (ABIC). **Misiones:** Itaembé, i.1987, 1 male (JWGC).

Localities. **Córdoba:** W of Sierra Grande, 5 km S Nono, Río de los Sauces, 14.-15.xi.1999; betw. Córdoba and Laguna Mar Chiquita, 10 km W Balnearia, riverbank, 2.xii.1999 (Cassola and Werner 2001: 9). **San Juan:** (Wiesner 1992: 82). **Catamarca:** Icaño (Wiesner 1992: 82); W of Salinas Grandes, 30 km E of La Guardia, 28.-29.xi.1999 (Cassola and Werner 2001: 9). **Santiago del Estero:** (Wiesner 1992: 82). **Tucumán:** (Bruch 1911: 149). **Salta:** (Horn 1926: 303). **Jujuy:** (Sarmiento 1963: 135). **Formosa:** (Sarmiento 1963: 135). **Chaco:** (Bruch 1911: 149).

Remarks. New records for Misiones and Santa Fé.

32. *Pentacomia (Mesacanthina) punctum* (Klug, 1834) (Fig. 34)

Prepusa punctum: Bruch 1911: 148; Horn 1926: 125.

Pentacomia (Mesacanthina) punctum: Wiesner 1992: 83; Pearson et al. 1999: 457, 458; Cassola and Pearson 2001: 15; Sawada and Wiesner 2002: 299; Erwin and Pearson 2008: 313; Moravec 2012: 50-52.

Distribution (Fig. 136). Argentina (Formosa, Jujuy, Misiones, Salta), Brazil (Espírito Santo, Goiás, Mato Grosso, Minas Gerais, São Paulo), Paraguay.

Localities. **Salta:** (Erwin and Pearson 2008: 313). **Jujuy:** (Erwin and Pearson 2008: 313). **Formosa:** (Erwin and Pearson 2008: 313). **Misiones:** Garuape, 14.xi.1991; Pepiri, 16.ix.1995; Posadas, 22.xi.1995 (Moravec 2012: 51).

33. *Cheilonycha auripennis angustedilatata* Horn, 1922 (Fig. 35)

Odontochila (Chilonycha) auripennis Lucas: Bruch 1911: 147.

Cheilonycha auripennis angustedilatata Horn, 1922: Horn 1922: 104; Horn 1926: 123; Wiesner 1992: 84. *Cheilonycha auripennis*: Cassola and Pearson 2001: 15; Sawada and Wiesner 2002: 296; Erwin and Pearson 2008: 119.

Distribution (Fig. 137). Argentina (Catamarca), Bolivia, Brazil (Goiás, Mato Grosso).

Localities. **Catamarca:** (Bruch 1911: 147).

34. *Iresia (Iresia) lacordairei* Dejean, 1831 (Fig. 36)

Iresia Lacordairei: Bruch 1911: 147.

Iresia (Iresia) lacordairei: Sumlin 1994: 23; Cassola and Pearson 2001: 16; Erwin and Pearson 2008: 257.

Distribution (Fig. 138). Argentina (Misiones), Brazil (Amazonas, Bahia, Espírito Santo, Paraná, Rio de Janeiro, Santa Catarina, São Paulo), Paraguay, Venezuela (Bolívar).

Records. Misiones: Iguazú, 30.xii.1992, 1 male; Pozo Azul, tot in einem Spinnennetz, R. Foerster, 13.xii.1998, 1 female (JWGC).

Localities. Misiones: Bonpland (Bruch 1911: 147); Iguazú, xi.1975 (Sumlin 1994: 23).

35. *Cicindelidia rufoaenea* (Horn, 1915) (Fig. 37)

Cicindela unicolor Horn, 1892: Bruch 1911: 150; Horn 1926: 304; Sumlin 1979: 101, 102.

Cicindela (Cicindelidia) rufoaenea: Pearson et al. 1999: 491, 492.

Cicindelidia rufoaenea: Sarmiento 1966: 31; Wiesner 1992: 145; Cassola and Pearson 2001: 17; Sawada and Wiesner 2002: 300; Erwin and Pearson 2008: 180.

Distribution (Fig. 139). Argentina (Buenos Aires, Catamarca, Jujuy, Salta, Santa Fé), Bolivia, Colombia, Ecuador, Peru.

Records. Salta: Río Blanco, Orán, iii.1994, 1 female (JWGC). **Jujuy:** San Pedro, El Acheral, Río Lavayen, xi.1984, 5 males, 12 females (JWGC).

Localities. Buenos Aires: (Sarmiento 1966: 31). **Santa Fé:** (Sarmiento 1966: 31). **Catamarca:** (Sarmiento 1966: 31). **Salta:** (Bruch 1911: 150). **Jujuy:** 5 km S San Pedro, 5.v.1964 (Sumlin 1979: 101).

36. *Cylindera (Cylindera) confluentesignata* (Horn, 1915) (Fig. 38, 39, 101)

Cicindela confluens Horn, 1893: Bruch 1911: 149.

Cicindela confluente-signata: Horn 1926: 309.

Cicindela (Cylindera) confluentesignata: Sumlin 1979: 105-107.

Cylindera (Cylindera) confluentesignata: Wiesner 1992: 184; Cassola and Pearson 2001: 17; Sawada and Wiesner 2002: 300; Erwin and Pearson 2008: 207.

Distribution (Fig. 140). Argentina (Chaco, Córdoba, Corrientes, Entre Ríos, Formosa, La Pampa, Santiago del Estero), Brazil (Minas Gerais, Rio Grande do Sul), Paraguay, Uruguay.

Records. La Pampa: La Maruja, ii.1980, 1 male, 1 female; iii.1980, 3 males, 3 females (JWGC). **Entre Ríos:** Colonia Roca, 2.i.1988, 1 male (JWGC). **Córdoba:** Guardia Vieja, ruta 7, leg. A. Bandinelli, 7.xii.2004, 1 male (ABIC); James Craik, 15 km SE Oliva, 32°08,950'S, 63°28,602'W, 400 m, leg. A. Bandinelli, 18.i.2012, 10 males, 11 females (ABIC); 8.i.2013, 10 males, 10 females (ABIC); Ruta 9 near Oliva - 32°04,654'S - 63°32,355'W, 09.i.2013, 4 males, 3 females (ABIC). **Chaco:** Quitilipi, 140 km NW Resistencia, light trap, leg. A. Bandinelli, 2.i.2012, 1 male (ABIC). **Corrientes:** Paso de los Libres, iii.1978, 1 male, 3 females (JWGC); Pucheta, 35 km SW Paso de los Libres, leg. A. Bandinelli, 18.xi.2004, 7 males, 7 females, Villa Olivari, 24 km W Ituzaingó (27°37'5 S - 56°58'28 W), 22.xi.2004, 8 males, 2 females (ABIC).

Localities. Entre Ríos: Pronunciamiento, xii.1961 (Sumlin 1979: 107). **Santiago del Estero:** (Bruch 1911: 149). **Formosa:** (Bruch 1911: 149).

Remarks. New records for Chaco, Córdoba, Corrientes and La Pampa.

37. *Cylindera (Cylindera) morio* (Klug, 1834) (Fig. 40)

Cicindela morio: Bruch 1911: 149; Horn 1926: 307.

Cicindela (Cylindera) morio: Sumlin 1979: 108; Pearson et al. 1999: 492.

Cylindera (Cylindera) morio: Wiesner 1992: 185; Cassola and Pearson 2001: 17; Erwin and Pearson 2008: 214.

Distribution. N Argentina, Bolivia, Brazil (Amazonas, Goias, Mato Grosso, Mato Grosso do Sul, Para, Sao Paulo, Tocantins).

Localities. N Argentina: (Bruch 1911:149).

38. *Cylindera (Cylindera) obsoletesignata* (Horn, 1895) (Fig. 41, 42)

Cicindela argentata obsoletesignata: Bruch 1911: 149.

Cicindela obsoletesignata: Horn 1926: 307; Sumlin 1979: 105.

Cylindera (Cylindera) obsoletesignata: Wiesner 1992: 185; Cassola and Pearson 2001: 17; Sawada and Wiesner 2002: 300; Erwin and Pearson 2008: 217.

Distribution (Fig. 141). Argentina (Chaco, Santa Fé,), Brazil (Santa Catarina), ?Paraguay.

Localities. Santa Fé: Chaco Santafecino (Sumlin 1979: 105). **Chaco:** (Bruch 1911: 149).

39. *Cylindera (Plectographa) hassenteufeli* (Mandl, 1960) (Fig. 43, 44, 96, 98)

Opilidia hassenteufeli: Wiesner 1992: 216; Erwin and Pearson 2008: 291.

Cicindela (Plectographa) hassenteufeli: Sumlin 1993: 34.

Cylindera (Plectographa) hassenteufeli: Cassola and Pearson 2001: 17.

Cicindela (Cylindera) siccalacicola Sumlin, 1979: 111, 112, **new synonymy**.

Cylindera (Plectographa) siccalacicola: Wiesner 1992: 199; Cassola and Pearson 2001: 17; Cassola and Werner 2001: 9; Erwin and Pearson 2008: 219, 220.

Distribution (Fig. 142). Argentina (Buenos Aires, Catamarca, Chaco, Córdoba, La Rioja, Santiago del Estero).

Records. Córdoba: 24 mi S of Recreo, Saltflat, leg. W.D. Sumlin, 9.ii.1951, 1 female; Salinas Grande, c/o Lucio Mansilla, 80 km NW Dean Funes, leg. Aligi Bandinelli, 11.xii.2010, 1 male (JWGC); 3 males, 5 females (ABIC), 1 male, 1 female (AKCC); 15.i.2012, 2 males, 1 female; Salinas Grandes, c/o Lucio Mansilla, 80 km NW Dean Funes, night collection, 20.xii.2010, 1 female (ABIC). **Catamarca:** Salinas Grandes, Incrocio rutas 60 e 157, 29°31,609'S, 64°55,020'W, leg. Aligi Bandinelli, 16.i.2010, 2 males, 2 females (JWGC), 9 males, 21 females (ABIC), 4 females (MZUF); 12.xii.2010, 11 males, 2 females (ABIC); Salinas Grandes, joint rutas 60 and 157, 29°31,609'S 64°55,020'W, leg. Aligi Bandinelli, 20.xii.2010, 1 female (JWGC); Salinas Grandes, routes 60/157 crossing, 15.i.2012, 11 males, 8 females; 10.i.2013, 2 males; 18.i.2013, 3 males (ABIC). **Santiago del Estero:** Río Saladillo, Salinas de Ambargasta, 68 km S Ciudad Loreto, night collection, leg. Aligi Bandinelli, 19.xii.2010, 2 males, 2 females (JWGC), 12 males, 15 females; 19.xii.2010, 1 male, 4 females; 16.i.2012, 6 males, 2 females (ABIC), 1 male, 1 female (AKCC).

Localities. Buenos Aires: (Wiesner 1992: 199). **Córdoba:** 24 mi S of Recreo, 9.ii.1951 (Sumlin 1979: 113); W of Sierra Grande, 5 km S Nono, Río de los Sauces, 14.-15.xi.1999; (Cassola and Werner 2001: 9). **La Rioja:** Mascasin (Wiesner 1992: 216). **Chaco:** (Erwin and Pearson 2008: 219).

Remarks. New records for Catamarca and Santiago del Estero. - Due to the kindness of Isabelle Zürcher-Pfander, Naturhistorisches Museum, Basel, Switzerland the first author had the opportunity to compare the holotype male and allotype female of *Cylindera (Plectographa) hassenteufeli* (Mandl, 1960) (both in the Basel collection) with a paratype female of *Cylindera (Plectographa) siccalacicola* (Sumlin, 1979) (in JWGC) and several males and females associated with the latter (in ABIC and JWGC). The result of this

examination is that, as Sumlin (1993: 34) assumed, both taxa are identical. The characters given by Sumlin in his key (1993: 33) to separate taxa are not suitable. *Cylindera siccalacicola* is herein placed into synonymy of *C. hassenteufeli*.

40. *Cylindera (Plectographa) sinuosa* (Brullé, 1837) (Fig. 45, 46)

Cicindela sinuosa: Bruch 1911: 150; Horn 1926: 305.

Cylindera sinuosa: Sarmiento 1966: 44; 1967: 215.

Cicindela (Cylindera) sinuosa: Sumlin 1979: 108.

Cicindela (Plectographa) sinuosa: Sumlin 1993: 34; Pearson et al. 1999: 494.

Cylindera (Plectographa) sinuosa: Wiesner 1992: 199; Cassola and Pearson 2001: 17; Sawada and Wiesner 2002: 300; Erwin and Pearson 2008: 220.

Distribution (Fig. 143). Argentina (Corrientes, Entre Rios, Misiones), Bolivia, Paraguay, Uruguay.

Records. Entre Rios: Dept. Colón, Liebig, ii.1975, 1 female; i.1986, 1 male; xii.1987, 1 male; i.1990, 1 male, 1 female; Arroyo Caraballo, ii.1988, 6 males, 4 females; 23.i.1989, 11 males, 9 females (JWGC).

Misiones: Dos de Mayo, iv.1994, 1 female (JWGC).

Localities. Entre Rios: (Bruch 1911: 150). **Corrientes:** (Bruch 1911: 150). **Misiones:** (Bruch 1911: 150).

41a. *Cylindera (Plectographa) nivea nivea* (Kirby, 1818) (Fig. 47)

Cicindela nivea: Bruch 1911: 149; Horn 1926: 311.

Cicindela nivea conspersa Dejean, 1825: Bruch 1911: 150; Horn 1926: 311.

Cylindera nivea: Sarmiento 1966: 41.

Cicindela (Cylindera) nivea: Sumlin 1979: 115.

Cicindela (Plectographa) nivea: Freitag and Barnes 1989: 300, 301.

Cylindera (Plectographa) nivea: Wiesner 1992: 200; Cassola and Pearson 2001: 17; Erwin and Pearson 2008: 216.

Distribution (Fig. 144). Argentina (Buenos Aires, Entre Rios, Misiones), Brazil (Espírito Santo, Rio de Janeiro, Rio Grande do Sul, Santa Catarina, São Paulo), Uruguay.

Localities. Buenos Aires: (Bruch 1911: 149). **Entre Rios:** (Horn 1926: 311). **Misiones:** (Horn 1926: 311).

41b. *Cylindera (Plectographa) nivea orbignyi* (Guérin-Ménéville, 1839) (Fig. 48)

Cicindela nivea Orbignyi: Bruch 1911: 150; Horn 1926: 311.

Cicindela (Cylindera) nivea orbignyi: Sumlin 1979: 115.

Cicindela (Plectographa) nivea orbignyi: Freitag and Barnes 1989: 300, 301.

Cylindera (Plectographa) nivea orbignyi: Wiesner 1992: 200; Erwin and Pearson 2008: 217.

Distribution (Fig. 145). Argentina (Buenos Aires).

Records. Buenos Aires: Necochea, i.1977, 1 female (JWGC).

Localities. Buenos Aires: Necochea, xii.1963 (Sumlin 1979: 115).

42. *Cylindera (Plectographa) ramosa* (Brullé, 1837) (Fig. 49, 50)

Cicindela ramosa: Bruch 1911: 150; Horn 1926: 311.

Cylindera ramosa: Sarmiento 1966: 41; 1967: 213.

Cicindela (Cylindera) ramosa: Sumlin 1979: 115.

Cylindera (Plectographa) ramosa: Wiesner 1992: 200; Cassola and Pearson 2001: 17; Erwin and Pearson 2008: 218, 219.

Distribution (Fig. 146). Argentina (Buenos Aires, Catamarca, Chaco, Chubut, Córdoba, Corrientes, Entre Ríos, La Pampa, Río Negro, Santa Cruz), Uruguay.

Records. Santa Cruz: Puerto Deseado, Sammlung Dr. L. Weinmann, ii.1964, 1 male, 2 females (JWGC). **Chubut:** Pta. Perdidas, Piramides, Pen. Valdes, 22.vii.1996, 5 males, 7 females (JWGC). **La Pampa:** Parque Luro, 11.xii.1997, 1 male (JWGC). **Entre Ríos:** Concordia, vi.1992, 2 males, 2 females (JWGC). **Corrientes:** Alvear, ii.1990, 2 males (JWGC).

Localities. Santa Cruz: San Julián (Bruch 1911: 150). **Río Negro:** (Erwin and Pearson 2008: 219). **La Pampa:** (Wiesner 1992: 200). **Buenos Aires:** Buenos Aires, xii.1938; Guamini, ii.1964; Lag. Las Tunas, 4.ix.1961 (Sumlin 1979: 115). **Córdoba:** (Wiesner 1992: 200). **Catamarca:** Andaleala, xi.1945 (Sumlin 1979: 115). **Chaco:** (Erwin and Pearson 2008: 219).

Remarks. New records for Chubut, Corrientes and Entre Ríos.

43. *Cylindera (Plectographa) mixtula* (Horn, 1915) (Fig. 51-53, 95, 102)

Cicindela mixta Horn, 1895: Bruch 1911: 149.

Cicindela mixtula: Horn 1926: 310.

Cylindera mixtula: Sarmiento 1966: 40; 1967: 212.

Cicindela (Cylindera) mixtula: Sumlin 1979: 109; Pearson et al. 1999: 493, 494.

Cylindera (Plectographa) mixtula: Wiesner 1992: 200; Cassola and Pearson 2001: 17; Sawada and Wiesner 2002: 300; Erwin and Pearson 2008: 214.

Distribution (Fig. 147). Argentina (Catamarca, Chaco, Chubut, Formosa, Jujuy, Mendoza, Salta, San Juan, San Luis, Tucumán), Bolivia, ?Paraguay, Peru.

Records. Chubut: Los Alerces, leg. R. Foerster, 3.i.1975, 2 males, 2 females (JWGC). **San Juan:** Pachaco, 90 km da San Juan verso Calingasta, leg. A. Bandinelli, 28.ii.1987, 3 males, 5 females (ABIC), 1 female (MZUF); Barreal, Valle de Calingasta, 01.iii.1987, 8 males, 5 females (ABIC), 1 female (MZUF); Pachaco, 90 km from San Juan to Calingasta, 1200 m, 02.xii.2004, 18 males, 16 females; Río de los Patos, c/o Barreal, 1600 m, 03.xii.2004, 3 males, 1 female (ABIC). **Catamarca:** Río Colorado, on Ruta 60 c/o Tinogasta, River banks, leg. Aligi Bandinelli, 22.xii.2010, 1 male (JWGC), 1 female (ABIC); Río Belén, c/o El Eje, 40 km N Belén, 2200 m, 14.i.2010, 8 males, 6 females (ABIC), 1 female (AKCC); Río Salado, 45 km N Aimogasta, 21.xii.2010, 2 males; Río Salado, 45 km N Aimogasta, 900 m, night collection, 19.xii.2011, 2 males, 1 female (ABIC). **Salta:** Oran, Río Pescado, Sammlung Dr. L. Weinmann, ix.1964, 1 female; Oran, Aguas Blancas, i.1971, 3 males, 4 females; Tartagal, i.1975, 1 female; Los Laureles, ii.1980, 2 males, 2 females; Catos, i.1987, 1 female; Cabra Corral, i.1991, 1 female; Cabra Corral, ii.1991, 1 male, 1 female; Río Blanco, Orán, ii.1992, 1 female; El Alisal, 2800 m, iii.1992, 2 females; Río Bermejo, 22.iii.1992, 1 male; Quebrada de Cafayate. Río de las Conchas, 26°01,032'S 65°49,455'W, 1500 m, leg. Aligi Bandinelli, 13.i.2010, 1 male; Río San Francisco, c/o Pichanal, river banks, leg. Aligi Bandinelli, 15.xii.2010, 1 male (JWGC), 10 males, 4 females (ABIC); Río del Valle, c/o Lajita, 24° 42,218' S, 64° 11,345' W, 450 m, leg. A. Bandinelli, 15.xii.2010, 1 male, 1 female (ABIC), 1 male (AKCC); Río San Francisco c/o Pichanal, river banks, 15.xii.2010, 1 male; Quebrada del Toro, 12 km N Chorillos, 2400 m, 10.i.2010, 1 male, 3 females; Quebrada de Cafayate, Río de las Conchas, 26°01,032' S, 65°49,455' W, 1500 m, 13.i.2010, 13 males, 11

females (ABIC), 3 females (MZUF), 1 male (AKCC); 32 km SW Las Lajitas, Ruta Prov. 5, (24°55,2'S - 64°25,6'W) 600 m, light trap, leg. A. Bandinelli, 12.i.2013, 1 male, 1 female; Ruta 5, 28 km SW Las Lajitas - 24°53,085'S - 64°23,467'W, 600 m, 30.xii.2011, 1 male; Río Seco, 26 km N Embarcación, leg. A. Bandinelli, 16.i.2013, 3 males, 6 females; Río Bermejo, c/o Embarcación, 15.i.2013, 6 males, 10 females (ABIC). **Tucumán:** Río Sta. Maria, c/o Amaichá del Valle, 1800 m, leg. A. Bandinelli, 14.i.2010, 5 males, 5 females (ABIC), 2 males, 3 females (MZUF), 1 male (AKCC). **Jujuy:** San Pedro, El Acheral, Río Lavayen, xi.1984, 6 males, 11 females (JWGC); Río Grande, 20 km N Jujuy, 1700 m, leg. A. Bandinelli, 28.xii.2011, 13 males, 6 females; Tumbaya, 2100 m, leg. A. Bandinelli, 28.xii.2011, 4 males, 4 females (ABIC). **Chaco:** Confluencia del Río Bermejo y Río Bermejito, i.1995, 5 males, 8 females (JWGC).

Localities. **San Luis:** Nahuel Mapa, i.1964 (Sumlin 1979: 109). **Mendoza:** (Bruch 1911: 149). **San Juan:** Retamito, 17.iii.1907 (Sumlin 1979: 109). **Catamarca:** S. Maria, 19.i.1945 (Sumlin 1979: 109). **Tucumán:** Cadillal, 4.xii.1975; Tucuman, 20.xi.1913; Vipos, iv.1960 (Sumlin 1979: 109). **Salta:** La Termes, 17.x.1975 (Sumlin 1979: 109). **Jujuy:** Quemado, iii.1926 (Sumlin 1979: 109). **Formosa:** Desmonte, xii.1950 (Sumlin 1979: 109).

Remarks. New records for Chaco and Chubut.

44. *Cylindera (Plectographa) ritsemae* (Horn, 1895) (Fig. 54-56, 100, 101)

Cicindela Ritsemae: Bruch 1911: 150; Horn 1926: 310.

Cylindera ritsemai: Sarmiento 1966: 41; 1967: 215; Erwin and Pearson 2008: 219.

Cicindela (Cylindera) ritsemai: Sumlin 1979: 113.

Cylindera (Plectographa) ritsemae: Wiesner 1992: 200; Cassola and Pearson 2001: 17; Cassola and Werner 2001: 9.

Distribution (Fig. 148). Argentina (Buenos Aires, Catamarca, Chaco, Córdoba, Corrientes, Jujuy, Salta, Santa Fé, San Luis, Santiago del Estero, Tucumán).

Records. **Buenos Aires:** Vedia, Ruta 7, 34°30,566'S, 61°31,385'W, leg. A. Bandinelli, 22.i.2012, 2 males, 2 females (ABIC). **Santa Fé:** Border Santa Fé - Buenos Aires, Laguna la Picasa, 45 km E Rufino, leg. A. Bandinelli, 14.xii.2011, 7 males, 2 females (ABIC); Rufino, 34°21,164'S, 62°25,781'W, leg. A. Bandinelli, 14.xii.2011, 8 males, 6 females (ABIC). **Córdoba:** Balnearia, leg. A. Ugarte-Peña, 7.-25.i.2000, 2 males, 2 females; Guardia Vieja, ruta 7, leg. Aligi Bandinelli, 7.xii.2004, 1 female (JWGC), 8 males, 11 females (ABIC); Pretot Freyre, 33°55'53 S, 64°32'28 W, 95 km W Villa Mercedes, leg. Aligi Bandinelli, 7.xii.2004, 1 male (JWGC), 3 males (ABIC); Laguna Mar Chiquita, tra La Para e Marull, 05.i.2010, 2 males, 1 female (ABIC); Laguna Mar Chiquita, c/o Balnearia, leg. A. Bandinelli, 13.i.2012, 11 males, 15 females (ABIC); James Craik, 15 km SE Oliva, 32°08,950'S, 63°28,602'W, 400 m, leg. A. Bandinelli, 18.i.2012, 4 females (ABIC); Ruta 9, near Oliva, 32°04,654'S, 63°32,355'W, leg. A. Bandinelli, 9.i.2013, 2 males, 10 females (ABIC). **Santiago del Estero:** Termas de Río Hondo, lake shore, leg. Aligi Bandinelli, 18.xii.2010, 1 male, 1 female (JWGC), 6 males (ABIC), 1 male, 1 female (AKCC); Clodomira, c/o Santiago, leg. A. Bandinelli, 22.xii.2011, 8 males, 7 females (ABIC); Loreto environments, leg. A. Bandinelli, 22.xii.2011, 4 males, 1 female (ABIC); Nueva Esperanza, leg. A. Bandinelli, 23.xii.2011, 17 males, 15 females (ABIC). **Tucumán:** Río Sta. Maria, c/o Amaichá del Valle, 1800 m, leg. Aligi Bandinelli, 14.i.2010, 1 male, 1 female (JWGC), 18 males, 11 females (ABIC), 2 males, 2 females (MZUF). **Salta:** El Tala, 80 km S Metán, 16.xii.2010, 1 male (ABIC). **Jujuy:** Tilcara, 2500m, leg. T. Osten, 25.-26.ii.1989, 1 male, 1 female (JWGC).

Localities. **Córdoba:** (Bruch 1911: 150); betw. Córdoba and Laguna Mar Chiquita, 10 km W Balnearia, riverbank, 2.xii.1999 (Cassola and Werner 2001: 9). **San Luis:** (Wiesner 1992: 200). **Catamarca:** (Bruch 1911: 150). **Santiago del Estero:** Termas de Río Hondo, 30.xii.1975; Suncho Corral, 28.xii.1975 (Sumlin 1979: 113). **Tucumán:** Cadillal, 4.xii.1975 (Sumlin 1979: 113). **Chaco:** (Horn 1926: 310). **Corrientes:** (Erwin and Pearson 2008: 219).

Remarks. New records for Buenos Aires, Jujuy and Salta and Santa Fé.

45a. *Cylindera (Plectographa) drakei drakei* (Horn, 1892) (Fig. 57, 58, 95)

Cicindela Drakei: Bruch 1911: 149; Horn 1926: 310.

Cylindera drakei: Sarmiento 1966: 43; 1967: 215.

Cicindela (Cylindera) drakei: Sumlin 1979: 109.

Cylindera (Plectographa) drakei: Wiesner 1992: 200; Cassola and Pearson 2001: 17; Erwin and Pearson 2008: 208.

Distribution (Fig. 149). Argentina (Buenos Aires, Catamarca, Córdoba, Mendoza, Río Negro, Salta, San Juan, Tucumán).

Records. Río Negro: Choele Choel, 15.ii.1997, 1 female; Sierra Grande, R. Foerster, 7.iii.1999, 6 males, 2 females (JWGC). **Córdoba:** Balnearia, leg. A. Ugarte-Peña, 7.-25.i.2000, 1 female; Pretot Freyre, 33°55'53 S, 64°32'28 W, 95 km W Villa Mercedes, leg. Aligi Bandinelli, 7.xii.2004, 1 female (JWGC). **San Juan:** Barreal, Valle de Calingasta, leg. A. Bandinelli, 1.iii.1987, 2 males; Pachaco, 90 km from San Juan to Calingasta, 1200 m, 02.xii.2004, 2 females; 2 km N Calingasta, 03.xii.2004, 1 male; Río de los Patos, c/o Barreal, 1600 m, 3.xii.2010, 3 males, 2 females (ABIC), 1 male (JWGC); Calingasta, Río San Juan, 1350 m, 3.xii.2004, 10 males, 3 females (ABIC), 1 male, 1 female (MZUF); Río San Juan, 12 km E Calingasta, 1300 m, 3.xii.2004, 8 males, 4 females (ABIC). **Catamarca:** Río Salado, 45 km N Aimogasta, leg. A. Bandinelli, 13.xii.2010, 6 males, 4 females (ABIC), 1 male, 1 female (MZUF), 1 male (AKCC), 1 female (JWGC); 21.xii.2010, 5 males (ABIC), 1 male (JWGC); 21.xii.2010 at lights, 1 female (ABIC); Río Belén, c/o El Eje, 40 km N Belén, 2200 m, 14.i.2010, 2 females (ABIC), 1 female (AKCC).

Localities. Río Negro: (Erwin and Pearson 2008: 208). **Buenos Aires:** (Erwin and Pearson 2008: 208). **Mendoza:** (Bruch 1911: 149). **Tucumán:** (Bruch 1911: 149). **Salta:** (Sarmiento 1966: 43).

Remarks. New records for Catamarca, Córdoba and San Juan.

45b. *Cylindera (Plectographa) drakei pseudochiloleuca* (Horn, 1908) (Fig. 59)

Cicindela Drakei pseudochiloleuca: Bruch 1911: 149; Horn 1926: 310.

Cicindela (Cylindera) drakei pseudochiloleuca: Sumlin 1979: 109.

Cylindera (Plectographa) drakei pseudochiloleuca: Wiesner 1992: 200; Erwin and Pearson 2008: 209.

Distribution (Fig. 150). Argentina (Salta, Tucumán).

Records. Salta: Piedra del Molino, 3600m, i.1988, 1 male; Quebrada del Toro, c/o Sta. Rosa de Tastil, 3400 m, leg. Aligi Bandinelli, 10.i.2010, 1 male, 1 female (JWGC), 7 males (ABIC), 1 male (AKCC).

Localities. Tucumán: Tafi (Bruch 1911: 149).

Remarks. New record for Salta.

45c. *Cylindera (Plectographa) drakei latifascia* (Sumlin, 1979) (Fig. 60)

Cicindela (Cylindera) drakei latifascia: Sumlin 1979: 109, 110.

Cylindera (Plectographa) drakei latifascia: Wiesner 1992: 200; Erwin and Pearson 2008: 208.

Distribution (Fig. 151). Argentina (Santiago del Estero).

Localities. **Santiago del Estero:** Termas de Río Hondo, 30.xii.1975 (Sumlin 1979: 110).

Remarks. Sumlin (1979) listed the depository of the holotype, and only specimen, of *C. d. latifascia* as the R. M. Bohart Museum of Entomology, University of California, Davis collection. Unfortunately, the museum staff was unable to locate the specimen and it is presumed lost. A remake of Sumlin's figure is shown in the plate.

46a. *Cylindera (Plectographa) melaleuca melaleuca* (Dejean, 1831) (Fig. 61, 62, 99, 101)

Cicindela melaleuca: Bruch 1911: 149; Horn 1926: 310, 311.

Cylindera melaleuca: Sarmiento 1966: 40; 1967: 213.

Cicindela (Cylindera) melaleuca: Sumlin 1979: 110, 111.

Cylindera (Plectographa) melaleuca: Wiesner 1992: 200; Cassola and Pearson 2001: 17; Erwin and Pearson 2008: 213, 214.

Distribution (Fig. 152). Argentina (Buenos Aires, Córdoba, La Pampa, Mendoza, Neuquén, Río Negro, Santa Fé), Brazil (Rio Grande do Sul), Uruguay.

Records. **Buenos Aires:** Laguna Perdices Monte, ii.1992, 1 female; Laguna Monte, 16.ii.1992, 1 female; Saladillo, Laguna Indio Muerto, J. Carreras leg., 19.ii.1995, 5 males, 1 female (JWGC); Laguna de Gomez, c/o Junin, leg. A. Bandinelli, 14.xii.2011, 3 males, 3 females (ABIC). **Santa Fé:** Border Santa Fé - Buenos Aires, Laguna la Picasa, 45 km E Rufino, leg. A. Bandinelli, 14.xii.2011, 1 female; Rufino, 34°21,164'S-62°25,781'W, 14.xii.2011, 1 male, 2 females (ABIC). **Córdoba:** Balnearia, leg. A. Ugarte-Peña, 7.-25.i.2000, 1 male, 2 females (JWGC); Ruta 9, near Oliva, 32°04,654'S, 63°32,355'W, leg. A. Bandinelli, 9.i.2013, 12 males, 12 females (ABIC).

Localities. **Río Negro:** (Erwin and Pearson 2008: 214). **Neuquén:** (Erwin and Pearson 2008: 214). **La Pampa:** (Sarmiento 1967: 213). **Buenos Aires:** San Fernando, xii.1962; Guamini, ii.1964; La Colina, 9.xii.1938 (Sumlin 1979: 111). **Mendoza:** (Bruch 1911: 149).

Remarks. New records for Córdoba and Santa Fé.

46b. *Cylindera (Plectographa) melaleuca reedi* (Horn, 1895) (Fig. 63)

Cicindela Drakei Reedi: Bruch 1911: 149; Horn 1926: 310.

Cicindela (Cylindera) melaleuca reedi: Sumlin 1979: 111.

Cylindera (Plectographa) melaleuca reedi: Wiesner 1992: 201; Erwin and Pearson 2008: 214.

Distribution. Argentina (Patagonia).

Localities. Patagonia (Bruch 1911: 149).

47a. *Cylindera (Plectographa) patagonica patagonica* (Brullé, 1837) (Fig. 64)

Cicindela patagonica: Bruch 1911: 150; Horn 1926: 311.

Cylindera patagonica: Sarmiento 1966: 43.

Cicindela (Cylindera) patagonica: Sumlin 1979: 114.

Cicindela (Plectographa) patagonica: Freitag and Barnes 1989: 303, 304.

Cylindera (Plectographa) patagonica: Wiesner 1992: 201; Cassola and Pearson 2001: 17; Erwin and Pearson 2008: 217, 218.

Distribution (Fig. 153). Argentina (Buenos Aires, Río Negro, Santa Cruz).

Localities. Santa Cruz: (Erwin and Pearson 2008: 218). **Río Negro:** (Horn 1926: 311). **Buenos Aires:** (Bruch 1911: 150).

47b. *Cylindera (Plectographa) patagonica cherubim* (Chevrolat, 1858) (Fig. 65)

Cicindela patagonica Cherubim: Bruch 1911: 150; Horn 1926: 311.

Cicindela (Cylindera) patagonica cherubim: Sumlin 1979: 114.

Cicindela (Plectographa) patagonica cherubim: Freitag and Barnes 1989: 303.

Cylindera (Plectographa) patagonica cherubim: Wiesner 1992: 201.

Distribution (Fig. 154). Argentina (Buenos Aires), Uruguay.

Localities. Buenos Aires: (Bruch 1911: 150).

47c. *Cylindera (Plectographa) patagonica bergiana* (Horn, 1895) (Fig. 66)

Cicindela patagonica Bergiana: Bruch 1911: 150; Horn 1926: 311.

Cicindela (Cylindera) patagonica bergiana: Sumlin 1979: 114.

Cicindela (Plectographa) patagonica bergiana: Freitag and Barnes 1989: 303.

Cylindera (Plectographa) patagonica bergiana: Wiesner 1992: 201.

Distribution (Fig. 155). Argentina (Buenos Aires), Brazil (Rio Grande do Sul), Uruguay.

Localities. Buenos Aires: Mar del Plata (Bruch 1911: 150).

Remarks. Horn (1895) discussed the color range of *Cylindera patagonica patagonica* ranged from the typical coppery green to blue with enlarged maculations, a form he called cherubim. In the same paper (based on two males from Montevideo, coll. Prof. Carlos Berg, and two males without locality data, coll. Horn) he described the form “*bergiana*”, which is coppery green, smaller than cherubim, with enlarged maculation and apical lunule and marginal band connected.

Horn did not put type labels on the two male specimens in his collection, however, his handwritten bluish label “*bergi*” is added to the pin of one of them. It is herein designated as lectotype. The other male, mentioned in the description, is designated as paralectotype.

Type depository. Lectotype male and paralectotype male in SDEI.

Type status. Lectotype male (**here designated**). Type labels: “Keitel” [handwritten, white, with black borders]; “*bergi*” [handwritten, light blue]; LECTOTYPE *Cylindera (Plectographa) patagonica bergiana* (HORN, 1895), ded J. Wiesner 2013 [printed, red]. Paralectotype male (here designated). Type labels: “Keitel” [handwritten, white, with black borders]; PARALECTOTYPE *Cylindera (Plectographa) patagonica bergiana* (HORN, 1895), ded J. Wiesner 2013 [printed, red].

Cylindera patagonica patagonica is readily recognized by its narrow elytral markings and its greenish brown to brown ground color. Its distribution is restricted from central and southern Argentina. The elytral maculations of the other two subspecies are broader. In Argentina they are restricted to the central and north-eastern parts of the country. The ground color of *Cylindera patagonica cherubim* is blue, occasionally green. The ground color of *Cylindera patagonica bergiana* is brownish green to brown. The body size (from apical tip to base of labrum) is an average smaller than 10 mm in *C. patagonica bergiana* and larger than 10 mm in *C. patagonica cherubim*.

48. *Cylindera (Plectographa) gormazi* (Reed, 1871) (Fig. 67)

Cicindela Gormazi: Bruch 1911: 149; Horn 1926: 310.

Cylindera gormazi: Sarmiento 1966: 44.

Cicindela (Cylindera) gormazi: Sumlin 1979: 113, 114.

Cylindera (Plectographa) gormazi: Wiesner 1992: 201; Cassola and Pearson 2001: 17; Erwin and Pearson 2008: 209, 210.

Distribution (Fig. 156). Argentina (Chubut), Chile (Llanquihue, Osorno).

Localities. Chubut: (Bruch 1911: 149).

49. *Cylindera (Plectographa) chubuti* Cassola, 1999 (Fig. 68, 69)

Cylindera (Plectographa) chubuti: Cassola 1999: 940-942; Cassola and Pearson 2001: 17; Erwin and Pearson 2008: 206, 207.

Distribution (Fig. 157). Argentina (Chubut).

Localities. Chubut: El Maitén, 8.ii.1966 (Cassola 1999: 940).

50. *Cylindera (Plectographa) chiliensis* (Audouin and Brullé, 1839) (Fig. 70)

Cicindela chilensis Solier, 1849: Bruch 1911: 149.

Cicindela chiliensis: Horn 1926: 311.

Cicindela (Cylindera) chiliensis: Sumlin 1979: 114.

Cylindera (Plectographa) chiliensis: Wiesner 1992: 201; Cassola and Pearson 2001: 17; Erwin and Pearson 2008: 206.

Distribution (Fig. 158). Argentina (Chubut, Neuquén, Río Negro), C Chile.

Records. Río Negro: Sc. Neuquén, Bariloche, i.1987, 1 female (JWGC). **Neuquén:** Las Lajas, i.1978, 1 male (JWGC).

Localities. Chubut: (Bruch 1911: 149).

Remarks. New records for Neuquén and Río Negro.

51. *Cylindera (Plectographa) apiata apiata* (Dejean, 1825) (Fig. 71, 99)

Cicindela apiata: Bruch 1911: 148; Horn 1926: 310.

Cylindera apiata: Sarmiento 1966: 39; 1967: 211.

Cicindela (Cylindera) apiata: Sumlin 1979: 114, 115.

Cicindela (Plectographa) apiata: Freitag and Barnes 1989: 305, 306.

Cylindera (Plectographa) apiata: Wiesner 1992: 201; Cassola and Pearson 2001: 17; Cassola and Werner 2001: 9; Sawada and Wiesner 2002: 301; Erwin and Pearson 2008: 205.

Distribution (Fig. 159). Argentina (Buenos Aires, Córdoba, Corrientes, Entre Ríos, La Pampa, Mendoza, Misiones, Neuquén, Río Negro, San Luis, Santa Fé, Santiago del Estero, Tucumán), Brazil (Mato Grosso, Minas Gerais, Rio de Janeiro, Rio Grande do Sul, Sao Paulo), Uruguay.

Records. Río Negro: Río Colorado, i.1977, 2 males, 2 females; Pomona, i.1978, 6 males, 3 females; Viedma, i.1979, 7 males, 2 females; Paso Córdoba, 20.iii.1988, 1 male, 1 female; San Antonio de Areco Oeste, Las Grutas, i.1992, 3 males, 4 females (JWGC). **Neuquén:** Picún Leufú, i.1978, 8 males, 1 female (JWGC). **La Pampa:** Parque Luro, 11.xii.1997, 1 female (JWGC). **Buenos Aires:** Laguna Carhué, Salzagune, i.1993, 2 males, 1 female; Mar del Plata, Laguna de los Padres, R. Foerster, 7.iii.1999, 2 males, 2 females (JWGC); Cañuelas, Buenos Aires, leg. A. Bandinelli, 22.i.2012, 11 males, 4 female; Vedia, Ruta 7, 34°30,566'S, 61°31,385'W, 22.i.2012, 4 males, 7 females; Laguna de Gomez, c/o Junin, 14.xii.2011, 9 males, 3 females (ABIC). **Entre Ríos:** i.1974, 6 males, 4 females; San Cipriano, iii.1980, 1 male, 8 females; Liebig, Dept. Colón, i.1986, 2 males, 6 females; Gualaguaychú, leg. R. Foerster, 17.i.1991, 10 females; Liebig, i.1996, 1 female (JWGC). **Santa Fé:** Border Santa Fé - Buenos Aires, Laguna la Picasa, 45 km E Rufino, leg. A Bandinelli, 14.xii.2011, 4 males, 2 females; Rufino, 34°21,164S - 62°25,781'W, 14.xii.2011, 1 male (ABIC). **Córdoba:** Bajo Carranga, 20.i.1965, 1 male; D.to Capital, ii.1976, 1 male, 1 female; Alpa Corral, ii.1981, 2 males (JWGC); Pretot Freyre (33°55'53 S - 64°32'38 W) 95 km E Villa Mercedes, leg. A. Bandinelli, 07.xii.2004, 11 males, 4 females; Guardia Vieja, ruta 7, 07.xii.2004, 8 males, 6 females; Río Soto, c/o Villa de Soto (riverbanks) 550 m, 27.xi.2004, 10 males, 4 females; Villa de Soto, c/o Cruz del Eje, rive Río Soto, 500 m, 17.i.2010, 4 males, 10 females (ABIC); 1 male, 2 females (MZUF); Diego de Rojas, c/o Río Primero, 31°03,503'S, 63°15,352'W, 05.i.2010, 6 males, 7 females (ABIC); 1 male, 2 females (MZUF); Laguna Mar Chiquita, c/o Balnearia, 13.i.2012, 2 males, 6 females; Laguna Mar Chiquita, tra la Para e Marull, 05.i.2010, 4 males, 3 females (ABIC). **Corrientes:** Tabay, ii.1986, 8 males, 1 female (JWGC); Santo Tomé - 28°35,975'S -56°06,030'W, leg. A. Bandinelli, 10.i.2012, 3 males, 4 females (ABIC). **Misiones:** Río Urugai-Medio, La Pasarela, ii.1986, 1 male (JWGC).

Localities. Río Negro: (Horn 1926: 310). **Buenos Aires:** Buenos Aires, ii.1936; La Colina, 29.xi.1938; R. Sauce Grande, 23.ii.1968; San Fernando, i.1962; Tandileofú, 23.ii.1968; Veronica, i.1922 (Sumlin 1979: 115). **Entre Ríos:** Concordia; 4 km N Va. San Jose, 15.xi.1973 (Sumlin 1979: 115). **Córdoba:** 22 km S Alta Gracia, 18.xi.1975; Capilla del Monte; Cosquin, 1.-9.iii.1920 (Sumlin 1979: 115); W of Sierra Grande, 5 km S Nono, Río de los Sauces, 14.-15.xi.1999; betw. Córdoba and Laguna Mar Chiquita, 10 km W Balnearia, riverbank, 2.xii.1999 (Cassola and Werner 2001: 9). **San Luis:** (Bruch 1911: 148). **Mendoza:** (Bruch 1911: 148). **Santiago del Estero:** Termas de Río Hondo, 30.xii.1975 (Sumlin 1979: 115). **Tucumán:** (Bruch 1911: 148).

Remarks. New records for Corrientes, La Pampa, Misiones, Neuquén and Santa Fé.

52. *Cylindera (Plectographa) stamatovi* (Sumlin, 1979), **new combination** (Fig. 72, 73, 90-94)

Cicindela (Brasiella) stamatovi: Sumlin 1979: 104, 105.

Brasiella (Brasiella) stamatovi: Wiesner 1992: 205; Cassola and Pearson 2001: 18; Erwin and Pearson 2008: 116.

Distribution (Fig. 160). Argentina (Tucumán).

Localities. Tucumán: Tucuman, ii.1950 (Sumlin 1979: 104).

Remarks. Due to the kindness of Lee H. Herman (AMNH) it was possible to study Sumlin's type material. Its aedeagus (Fig. 92) lacks an apical hook, the internal sac has a flagellum and dorsal spatulate sclerites. Aedeagi of the *Brasiella* have an apical hook and/or are lacking a flagellum. Aedeagi of *Cylindera (Cylindera)* have no dorsal spatulate sclerites. As the aedeagus of *C. stamatovi* lacks an apical hook and bears dorsal spatulate sclerites, it is transferred from *Brasiella*, where it was tentatively placed by Sumlin, to *Cylindera (Plectographa)* near *C. eugeni* (Laporte de Castelnau, 1834).

53. *Cylindera (Plectographa) eugeni* (Laporte de Castelnau, 1834) (Fig. 74)

Cicindela Eugeni: Bruch 1911: 149; Horn 1926: 309.

Cylindera eugeni: Sarmiento 1966: 38.

Cicindela (Cylindera) eugeni: Sumlin 1979: 107.

Cylindera (Plectographa) eugeni: Wiesner 1992: 201; Cassola and Werner 2001: 7; Cassola and Pearson 2001: 17; Cassola 2002: 46, 47; Erwin and Pearson 2008: 209.

Distribution (Fig. 161). Argentina (Chaco, Córdoba, San Luis, Santiago del Estero).

Records. San Luis: Parque Nacional Sierra de las Quijadas, Hualtaran, leg. Thomas Wiesner, 5.i.2002, 1 male (JWGC).

Localities. Córdoba: (Bruch 1911: 149). **Santiago del Estero:** 50 km NE Santiago del Estero, 16.xii.1971 (Sumlin 1979: 107). **Chaco:** (Erwin and Pearson 2008: 209).

Remarks. New record for San Luis.

54. *Brasiella (Brasiella) obscurvata* Sumlin, 1993 (Fig. 75)

Cicindela (Brasiella) obscurvata: Sumlin 1993: 35-37.

Brasiella (Brasiella) obscurvata: Cassola and Pearson 2001: 17; Erwin and Pearson 2008: 114.

Distribution (Fig. 162). Argentina (Salta), Bolivia (Santa Cruz).

Records. Salta: Quebrada, Colorada, 15.x.1994, 1 male; Dto. Orán, Angosto del Parani, Quebrada Colorado, 1800/ 2000m, J. Carreras, 28.x.1994, 6 males, 1 female (JWGC).

Localities. Salta: Parque Nacional El Rey, 900 m, Río La Sala, 5.-10.xii.1987 (Sumlin 1993: 36).

55. *Brasiella (Brasiella) argentata argentata* (Fabricius, 1801) (Fig. 76, 102)

Cicindela argentata: Bruch 1911: 148; Horn 1926: 308; Sumlin 1979: 102.

Brasiella (Brasiella) argentata: Sarmiento 1966: 32; Wiesner 1992: 203; Cassola and Pearson 2001: 17; Cassola and Werner 2001: 9; Sawada and Wiesner 2002: 303; Erwin and Pearson 2008: 102, 103.

Cicindela (Brasiella) argentata semicircumscripta Mandl, 1958: Sumlin 1979: 103.

Brasiella (Brasiella) argentata semicircumscripta: Wiesner 1992: 204; Sawada and Wiesner 2002: 303.

Cicindela (Brasiella) argentinica Mandl, 1963: Sumlin 1979: 103; Freitag and Barnes 1989: 265-267; Pearson et al. 1999: 481-484.

Brasiella (Brasiella) argentinica: Wiesner 1992: 204; Cassola and Pearson 2001: 17; Sawada and Wiesner 2002: 303.

Distribution (Fig. 163). Argentina (Buenos Aires, Catamarca, Chaco, Chubut, Córdoba, Entre Ríos, Formosa, Jujuy, La Rioja, Misiones, Salta, San Luis, Santa Fé, Santiago del Estero, Tucumán), Bolivia, Brazil (Amazonas, Ceara, Espirito Santo, Goias, Mato Grosso, Minas Gerais, Para, Paraíba, Parana, Santa Catarina, Sao Paulo), Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Trinidad, Uruguay, Venezuela.

Records. Entre Ríos: Liebig, ii.1974, 2 males; Dept. Colón, Liebig, 14.xii.1986, 1 female (JWGC). **Santa Fé:** Villa Constitution, xi.1971, 2 females (JWGC). **Córdoba:** Guanaco Muerto, ii.1980, 1 male; Balnearia, leg. A. Ugarte-Peña, 7.-25.i.2000, 1 male, 3 females (JWGC); Laguna Mar Chiquita, c/o Balnearia, leg. A. Bandinelli, 13.i.2012, 5 males, 7 females (ABIC). **Catamarca:** Londres, c/o Belén, 1500 m, leg. A. Bandinelli,

15.i.2010, 1 male, 4 females; Río Belén, c/o El Eje, 40 km N Belén, 2200 m, 14.i.2010, 1 female (ABIC). **Santiago del Estero:** Los Tigres, xi.1982, 1 female (JWGC); Santa Fé, 30 km E Nueva Esperanza, leg. A. Bandinelli, 23.xii.2011, 3 males, 2 females (ABIC); Pampa de los Guanacos, 100 km SE Monte Quemado, light trap, leg. A. Bandinelli, 31.xii.2011, 3 males, 3 females (ABIC); Ruta 9, c/o Río Saladillo, 28°48,559'S, 64°00,704'W, leg. A. Bandinelli, 16.i.2012, 14 males, 20 females; Loreto environments, 22.xii.2011, 18 males, 8 females (ABIC). **Salta:** Pichanal, i.1975, 1 male (JWGC); Río del Valle, c/o Lajita, 24° 42,218'S, 64° 11,345' W, 450 m, leg. A. Bandinelli, 15.xii.2010, 2 males (ABIC); Río Seco, 26 km N Embarcación, leg. A. Bandinelli, 16.i.2013, 22 males, 22 females (ABIC). **Chaco:** Pampa Avila, xii.1995, 3 males, 2 females; Charata, iv.1995, 2 females (JWGC). **Misiones:** Puerto Iguazú, 7.xii.1990, 1 male; i.1991, 5 males, 5 females; 3.i.1991, 1 female; 16.i.1991, 2 females; 22.i.1991, 1 male, 1 female; 24.i.1992, 1 male, 1 female; Eldorado, 26.xii.1992, 2 males (JWGC).

Localities. Chubut: (Erwin and Pearson 2008: 103). **Buenos Aires:** San Fernando, iii.1956; Corral de Cruz, ii.1964 (Sumlin 1979: 102). **Santa Fé:** Dpto. Garay, iii.1950; Gran Guardia, ii.1953 (Sumlin 1979: 102). **Córdoba:** V. Dolores, ii.1969 (Sumlin 1979: 102); Salinas Grandes, 17 km W Serrezuela, 18.-19.xi.1999; betw. Córdoba and Laguna Mar Ciquita, 10 km W Balnearia, riverbank, 2.xii.1999 (Cassola and Werner 2001: 9). **San Luis:** (Sarmiento 1966: 32). **La Rioja:** (Wiesner 1992: 203). **Catamarca:** Icaño, Río Salado (Sumlin 1979: 102). **Santiago del Estero:** Cap. Aeropuerto, ii.1961 (Sumlin 1979: 102); El Pinto, xi.1962; Suncho Corral, 28.xii.1975; Río Saladillo, 29.xii.1975 (Sumlin 1979: 103). **Tucumán:** Tucumán, i.1951 (Sumlin 1979: 102). **Salta:** Gen. Ballivian, C. Olleros, i.1958 (Sumlin 1979: 102). **Jujuy:** (Sarmiento 1966: 32). **Formosa:** P. Irigoyen, xii.1950 (Sumlin 1979: 102). **Chaco:** (Bruch 1911: 148). **Misiones:** (Bruch 1911: 148).

Remarks. New record for Entre Ríos.

56. *Brasiella (Brasiella) obscurella* (Klug, 1829) (Fig. 77)

Cicindela argentata obscurella: Bruch 1911: 148; Horn 1926: 308.

Cicindela (Brasiella) obscurella: Sumlin 1979: 103; Freitag and Barnes 1989: 267-269; Pearson et al. 1999: 489.

Brasiella (Brasiella) obscurella: Sarmiento 1966: 32; Wiesner 1992: 204; Cassola and Pearson 2001: 17; Sawada and Wiesner 2002: 303; Erwin and Pearson 2008: 113, 114.

Distribution (Fig. 164). Argentina (Buenos Aires, Chaco, Córdoba, Río Negro, Salta, Tucumán), Bolivia, Brazil (Mato Grosso, Minas Gerais, Santa Catarina, São Paulo), Paraguay, Uruguay.

Records. Río Negro: Río Colorado, i.1978, 2 males, 4 females; S. Antonio Oeste, ii.1978, 2 males, 3 females (JWGC). **Tucumán:** Tafi del Valle, 1960m, ii.1983, 1 female (JWGC).

Localities. Buenos Aires: Corral del Cruz, ii.1964 (Sumlin 1979: 103). **Córdoba:** (Bruch 1911: 148). **Tucumán:** Tafi (Bruch 1911: 148); Tucumán, 7.ii.1908 (Sumlin 1979: 103). **Salta:** (Wiesner 1992: 204). **Jujuy:** (Sarmiento 1966: 32). **Chaco:** (Erwin and Pearson 2008: 114).

Remarks. New record for Río Negro.

57. *Brasiella (Brasiella) aureola aureola* (Klug, 1834) (Fig. 78)

Cicindela argentata aureola: Bruch 1911: 148; Horn 1926: 308.

Cicindela (Brasiella) aureola: Sumlin 1979: 103; Freitag and Barnes 1989: 271, 272; Pearson et al. 1999: 484.

Brasiella (Brasiella) aureola: Sarmiento 1966: 34; Wiesner 1992: 204; Cassola and Pearson 2001: 18; Sawada and Wiesner 2002: 303; Erwin and Pearson 2008: 104, 105.

Distribution (Fig. 165). Argentina (Jujuy, Salta, Tucumán), Bolivia, Brazil (Amazonas, Mato Grosso, Mato Grosso do Sul, Sao Paulo), Paraguay.

Localities. Tucumán: (Bruch 1911: 148). **Salta:** (Bruch 1911: 148). **Jujuy:** (Sarmiento 1966: 34).

58. *Brasiella (Brasiella) cuyabaensis* Mandl, 1970 (Fig. 79)

Brasiella aureola cuyabaensis: Wiesner 1992: 204.

Brasiella (Brasiella) cuyabaensis: Sawada and Wiesner 2002: 303.

Brasiella cuyabaensis: Erwin and Pearson 2008: 108; Cassola 2009: 63-67.

Distribution (Fig. 166). Argentina (Chaco), Bolivia (Santa Cruz), Brazil (Mato Grosso), Paraguay.

Records. Chaco: 100 km NW Resistencia, PN Chaco, S & J Peck, 12.-17.xii.1990, 1 male (JWGC).

Remarks. New record for Argentina.

59. *Brasiella (Brasiella) dolosula* Rivalier, 1955 (Fig. 80)

Cicindela (Brasiella) dolosula: Freitag and Barnes 1989: 273, 274; Pearson et al. 1999: 487.

Brasiella (Brasiella) dolosula: Wiesner 1992: 205; Cassola and Pearson 2001: 18; Erwin and Pearson 2008: 108.

Distribution (Fig. 167). Argentina (Formosa, Jujuy), Bolivia, Brazil (Bahia, Espirito Santo, Goias, Mato Grosso, Minas Gerais, Pará, Roraima, Rio de Janeiro, Sao Paulo).

Localities. Jujuy: Dique La Ciénaga (Freitag and Barnes 1989: 273). **Formosa:** Guaycolec (Freitag and Barnes 1989: 273).

60. *Brasiella (Brasiella) misella misella* (Chaudoir, 1854) (Fig. 81)

Cicindela (Brasiella) misella: Sumlin 1979: 104; Pearson et al. 1999: 488.

Brasiella (Brasiella) misella: Sarmiento 1966: 34; Wiesner 1992: 205; Cassola and Pearson 2001: 18; Erwin and Pearson 2008: 112, 113.

Distribution (Fig. 168). Argentina (Corrientes, Jujuy, Salta), Bolivia, Brazil (Mato Grosso), Colombia, Costa Rica, Ecuador, Nicaragua, Panama, Venezuela.

Records. Corrientes: Riachuelo env., r. Pexoa, 27.560°S 58.723°W, K. Tomkovich, 20.-25.xii.2012, 1 male, (coll. I. Ovsyannikov, Espoo, Finland).

Localities. Salta: (Sarmiento 1966: 34). **Jujuy:** (Sarmiento 1966: 34).

Remarks. New record for Corrientes.

61. *Brasiella (Gaymara) chlorosticta* (Kollar, 1836) (Fig. 82,83)

Cicindela chlorosticta: Bruch 1911: 149; Horn 1926: 306.

Cicindela chlorosticta smaragdina Horn, 1893: 198; Bruch 1911: 149.

Cicindela (Brasiella) chlorosticta: Sumlin 1979: 105.

Brasiella (Gaymara) chlorosticta: Sarmiento 1966: 35; Wiesner 1992: 201; Cassola and Pearson 2001: 18; Sawada and Wiesner 2002: 301; Erwin and Pearson 2008: 206.

Distribution (Fig. 169). Argentina (Corrientes, Jujuy), Brazil (Goias, Mato Grosso, Sao Paulo), Paraguay.

Records. Corrientes: Huigango, xii.1985, 1 male (JWGC).

Localities. Jujuy: (Sarmiento 1966: 35).

Remarks. New record for Corrientes.

62. *Brasiella (Gaymara) staudingeria* (Horn, 1915) (Fig. 84, 85)

Cicindela chlorosticta Staudingeri Horn, 1892: Bruch 1911: 149.

Cicindela chlorosticta Staudingeria: Horn 1926: 306.

Cicindela (Brasiella) staudingeria: Sumlin 1979: 105; Freitag and Barnes 1989: 285, 286.

Brasiella (Gaymara) staudingeria: Wiesner 1992: 201; Cassola and Pearson 2001: 18; Erwin and Pearson 2008: 220.

Distribution. N Argentina, Brazil (Goias, Mato Grosso, Sao Paulo), Uruguay.

63. *Brasiella (Gaymara) rotundatodilatata* (Horn, 1925) (Fig. 86, 87, 102)

Brasiella balzani rotundatodilatata: Wiesner 1992: 205.

Brasiella (Gaymara) rotundatodilatata: Cassola and Pearson 2001: 18.

Brasiella rotundatodilatata: Sawada and Wiesner 2002: 301; Erwin and Pearson 2008: 115.

Distribution (Fig. 170). Argentina (Salta, Tucumán), Bolivia, Paraguay.

Records. Tucumán: Dto. Chicligaster, La Trinidad, Villa la Esperanza, Río Gastona, A.I.Arials leg., 17.ii.1997, 2 males, 1 female (JWGC). **Salta:** Aguas Blancas, Río Bermejo, km 4, leg. Carreras, 8.xi.1992, 5 males, 1 female; Dto. Orán, Angosto del Parani, Río Santa Cruz, 1700 m, leg. J. Carreras, 6.xi.1994, 3 males (JWGC); Ruta Prov. 5, 32 km SW Las Lajitas, 24°53,085'S - 64°23,467'W, 600 m, leg. A. Bandinelli, 30.xii.2011, 1 male (ABIC); Río Seco, 26 km N Embarcación, leg. A. Bandinelli, 16.i.2013, 11 males, 5 females (ABIC).

Remarks. New record for Argentina.

64. *Sumlinia halophila* (Sumlin, 1979) (Fig. 88, 98)

Cicindela (Cylindera) halophila: Sumlin 1979: 107, 108.

Cylindera (Plectographa) halophila: Wiesner 1992: 199.

Sumlinia halophila: Cassola and Pearson 2001: 18; Cassola and Werner 2001: 9; Erwin and Pearson 2008: 322.

Distribution (Fig. 171). Argentina (Buenos Aires, Catamarca, Chaco, Córdoba, Corrientes, La Pampa).

Records. La Pampa: Parque Luro, 11.xii.1997, 1 female (JWGC). **Córdoba:** Salinas Grande, c/o Lucio Mansilla, 80 km NW Dean Funes, leg. Aligi Bandinelli, 18.i.2010, 2 males, 1 female (ABIC); 11.xii.2010, 1 female (JWGC), 1 male, 2 females, (ABIC); 15.i.2012, 1 male, 2 females (ABIC). **Catamarca:** Salinas

Grandes, joint rutas 60 and 157, 29°31,609'S 64°55,020'W, leg. Aligi Bandinelli, 16.i.2010, 1 male, 4 females; Salinas Grandes, routes 60/157 crossing, 15.i.2012, 13 males, 12 females, 10.i.2013, 3 males, 2 females (ABIC), 1 female (MZUF), 1 male, 1 female (AKCC); 12.xii.2010, 1 male (JWGC), 1 female, 20.xii.2010, 1 female (ABIC).

Localities. Buenos Aires: (Erwin and Pearson 2008: 322). **Córdoba:** 24 mi S Recreo, 9.ii.1951 (Sumlin 1979: 108); Salinas Grandes, 17 km W Serrezuela, 18.-19.xi.1999 (Cassola and Werner 2001: 9); Ruta 60, km 895.5, 6.5 km S Villa Lucio Mansilla, Salinas Grandes. 18.i.2002 (Cassola 2002: 46). **Catamarca:** (Erwin and Pearson 2008: 322); Ruta 157, 28.4 km S of Recreo, 19.i.2002 (Cassola 2002: 46). **Chaco:** (Erwin and Pearson 2008: 322). **Corrientes:** (Erwin and Pearson 2008: 322).

Remarks. New record for La Pampa.

65. *Sumlinia hirsutifrons* (Sumlin, 1979) (Fig. 89, 98)

Cicindela (*Cylindera*) *hirsutifrons*: Sumlin 1979: 115-117.

Cylindera (*Plectographa*) *hirsutifrons*: Wiesner 1992: 200; Cassola and Pearson 2001: 17; Cassola and Werner 2001: 8; Cassola 2002: 46, 47; Erwin and Pearson 2008: 322.

Distribution (Fig. 172). Argentina (Catamarca, Córdoba).

Records. Córdoba: Ruta 60, km 895.5 (6.5 km S of Villa Lucio Mansilla), Salinas Grandes, 29°50'58.0S, 64°40'10.7W, F. & P. Cassola, 18.i.2002, 1 female (JWGC); Salinas Grandes, c/o Lucio Mansilla, 80 km NW Dean Funes, leg. A. Bandinelli, 16.I.2010, 1 male (ABIC).

Localities. Córdoba: 24 mi S Recreo, 9.ii.1951 (Sumlin 1979: 116); Ruta 60, km 895.5, 6.5 km S Villa Lucio Mansilla, Salinas Grandes. 18.i.2002 (Cassola 2002: 46). **Catamarca:** (Erwin and Pearson 2008: 322).

Summary

With these recent collection records, the number of tiger beetle species known from Argentina (Fig. 103) rises to 65 species, nine of which (13.8 %) are endemic, 36 (55.4 %) are also known from Brazil, 34 (52.3 %) from Bolivia, 31 (47.7 %) from Paraguay, 17 (26.2 %) from Uruguay and 3 (4.6 %) from Chile. The number of tiger beetle species known from each province of Argentina is as follows (% in brackets): Tierra del Fuego = 1 (1.5), Santa Cruz = 2 (3.1), Neuquén = 4 (6.2), La Rioja = 6 (9.2), La Pampa = 7 (10.8), San Luis = 8 (12.3), Chubut = 9 (13.8), San Juan = 9 (13.8), Mendoza = 10 (15.4), Santa Fé = 11 (16.9), Corrientes = 12 (18.5), Río Negro = 15 (23.1), Entre Ríos = 15 (23.1), Formosa = 16 (24.6), Catamarca = 17 (26.2), Tucumán = 18 (27.7), Santiago del Estero = 19 (29.2), Córdoba = 20 (30.8), Buenos Aires = 21 (32.3), Chaco = 23 (35.4), Jujuy = 23 (35.4), Misiones = 23 (35.4), Salta = 28 (43.1).

Bruch (1911: 147) mentioned *Tetracha* (*Tetracha*) *sommeri* Chaudoir, 1850 from Misiones and *Odontocheila nodicornis* (Dejean, 1825) from Chaco. Wiesner (1992: 50) mentioned *Tetracha* (*Tetracha*) *sommeri* Chaudoir, 1850 from Chaco. These records have not been confirmed and therefore were not included here.

Wiesner (1992: 41) erroneously cited Río Tapajoz from Argentina as a record for *Aniara sepulcralis* (Fabricius, 1801), actually this location is in Mato Grosso, Brazil. *Aniara sepulcralis* is thus not known from Argentina.

Cassola (1997: 48) mentioned 6 specimens of *Pseudoxyecheila quechua* from Argentina, 1973; however, we were unable to locate specimens to confirm this record.

Cassola and Pearson (2001) listed 72 species of which 12 are endemic. The difference with our recording 65 species, 9 of which are endemic is due to the following: *Aniara sepulcralis* see above. *Tetracha biprolongata* Horn, 1937 is a synonym of *Tetracha distinguenda* (Dejean, 1831); *Tetracha steinheili*

(Horn, 1900) is a synonym of *Tetracha lucifera* (Erichson, 1847) which has thus far not been collected in Argentina; no verified Argentinian specimens for *Tetracha chacoensis* (Sawada and Wiesner, 1997), *Tetracha pseudofulgida* (Mandl, 1963), *Tetracha affinis* Dejean, 1831, *Tetracha lafertei* Thomson, 1857, *Tetracha sobrina* (Dejean, 1831), *Tetracha coerulea* Lucas, 1857, and *Pentacomia* (*Poecilochila*) *lacordairei* (Gory, 1833) were available for study. *Cylindera* (*Plectographa*) *siccalacicola* (Sumlin, 1979) is considered a synonym of *Cylindera* (*Plectographa*) *hassenteufeli* (Mandl, 1960); *Brasiella* (*Brasiella*) *argentinica* (Mandl, 1963) is a synonym of *Brasiella argentata* (Dejean, 1831). The endemic *Tetracha* (*Neotetracha*) *quadrata* was described by Roger Naviaux in 2007. *Tetracha* (*Neotetracha*) *affinis* (Dejean, 1831) is mentioned instead of *Tetracha* (*Neotetracha*) *brevisulcata* Horn, 1907. *Tetracha* (*Neotetracha*) *prolongata* (Horn, 1932) and *Brasiella* (*Brasiella*) *obscurvata* Sumlin, 1993 are mentioned as endemic, but are now known from Bolivia, too. *Phaeoxantha laminata* (Perty, 1830) is not mentioned as occurring in Argentina.

Acknowledgments

We are indebted to Lutz Behne, Müncheberg, Fabio Cassola, Roma, Lee H. Herman, New York, NY, Roger Naviaux, Domérat and Isabelle Zürcher-Pfander, Basel for loan of material, David L. Pearson, Tempe, AZ and Mike Kippenhan, McMinnville, OR for proof reading of the manuscript and Peter Schüle, Herrenberg for the excellent photos and drawings.

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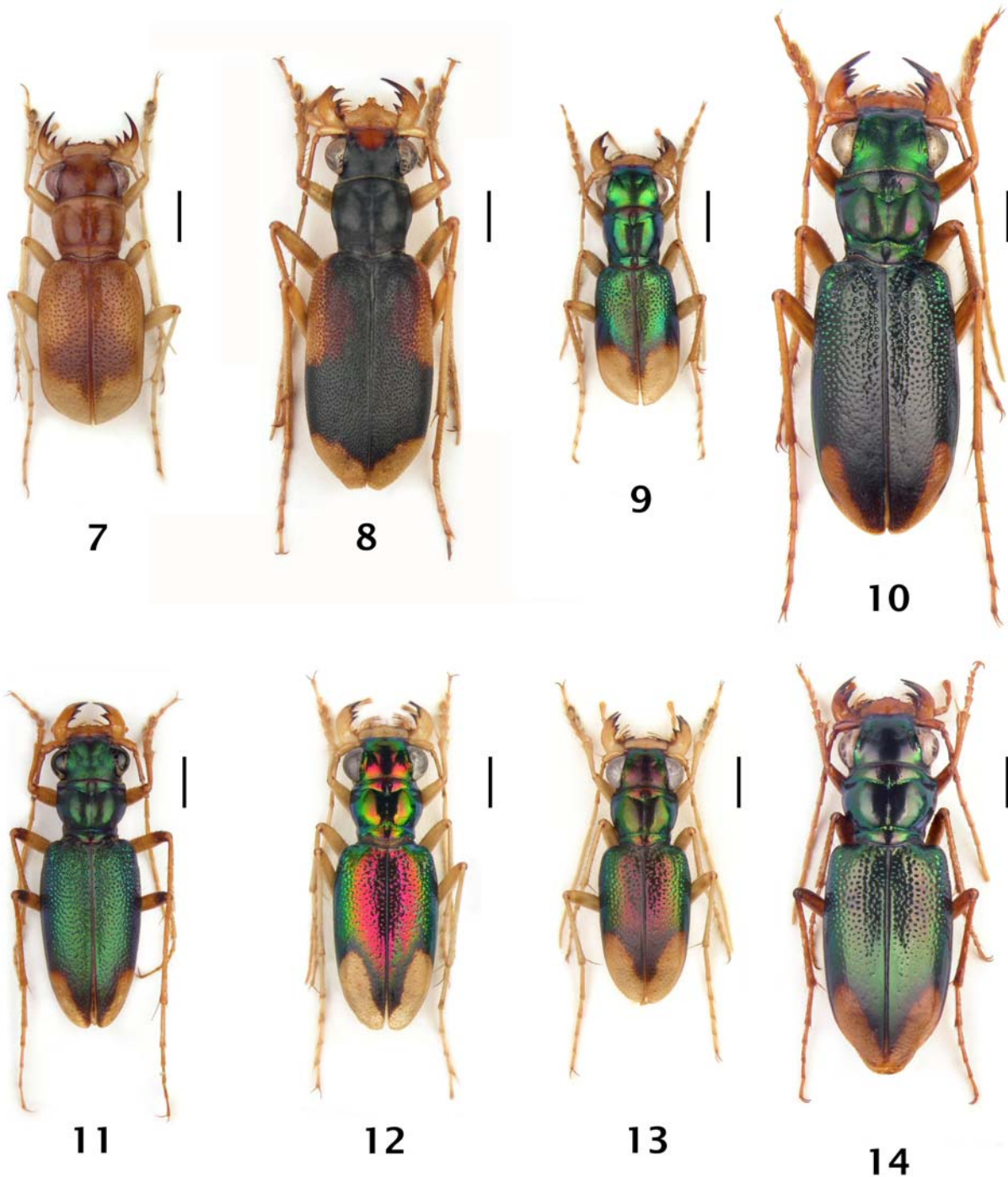
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Received May 3, 2014; Accepted September 1, 2014.

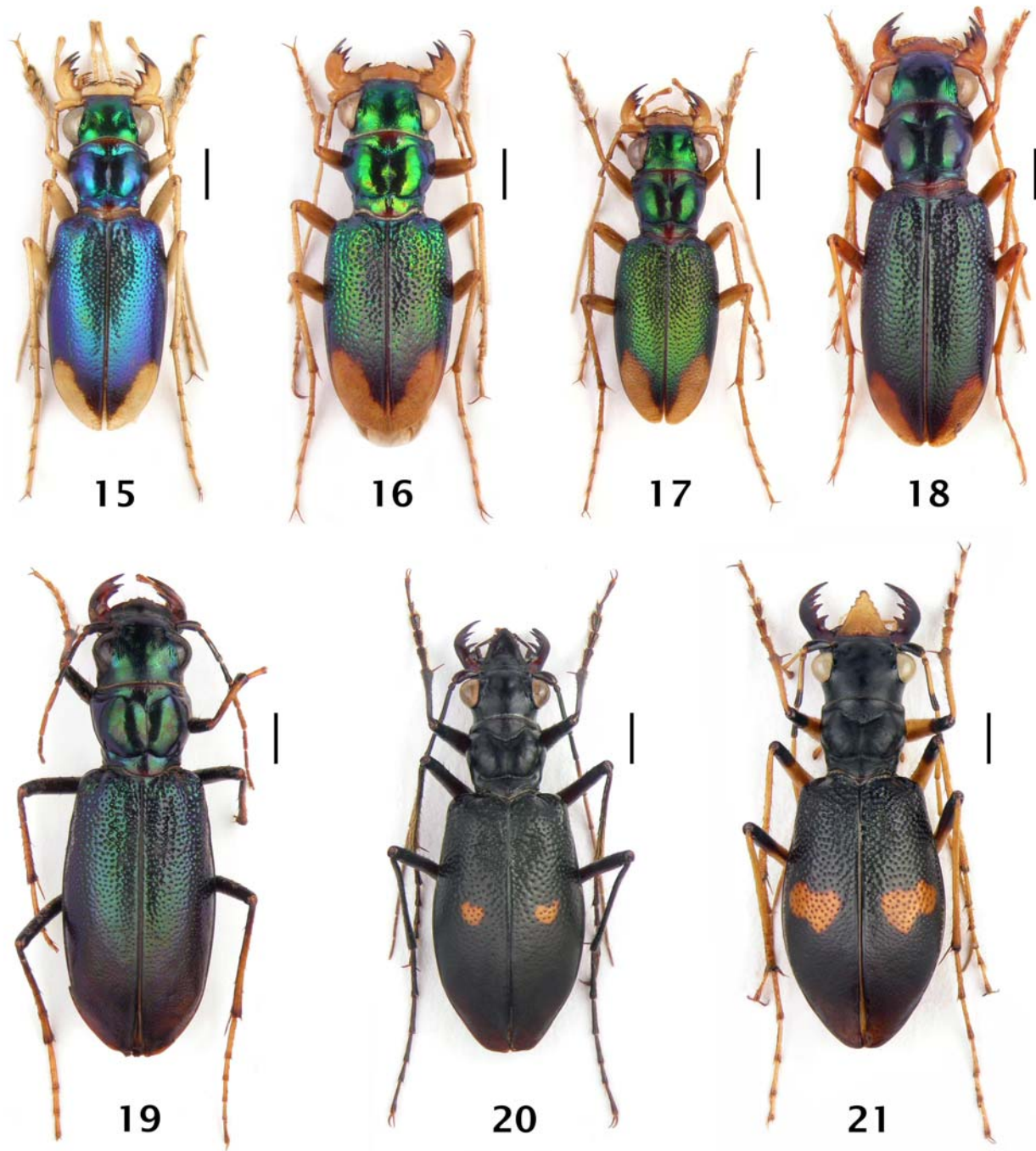
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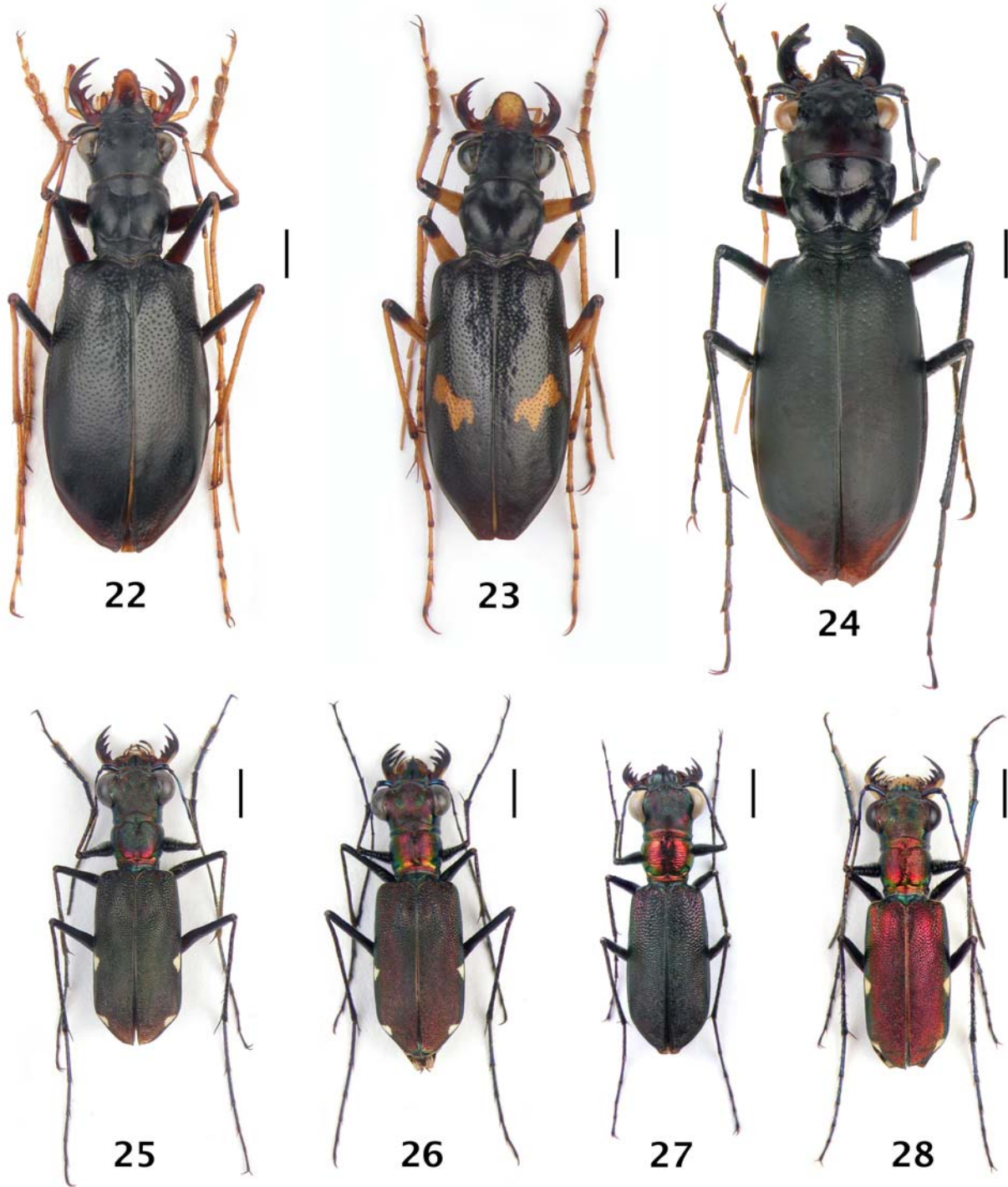
Figures 1-6. Habitus pictures. All scales = 2mm. **1)** *Ctenostoma (Myrmecilla) ichneumoneum ellipticum* Naviaux, 1988, Paraguay, Guaira, Paso Yobai, 15.xii.1990, paratype female. **2)** *Picnochile fallaciosa* (Chevrolat, 1854), Chile; Magellanes, xi.1991, male. **3)** *Phaeoxantha bucephala* (Horn, 1909), Paraguay, Boqueron, Río Pilcomayo, 21.x.1990, male. **4)** *Phaeoxantha cruciata cruciata* (Brullé, 1837), Bolivia, Santa Cruz, Cordillera, Río Seco, 30.iii.2002, male. **5)** *Phaeoxantha tremolerasi* (Horn, 1909), Argentina, Misiones, Iguazu, ix.1976, male. **6)** *Phaeoxantha aequinoctialis aequinoctialis* (Dejean, 1825), Brazil, Amazonas, Ilha da Paciencia, 40 km upstr. mouth of Río Negro, 26.xi.1998, female.



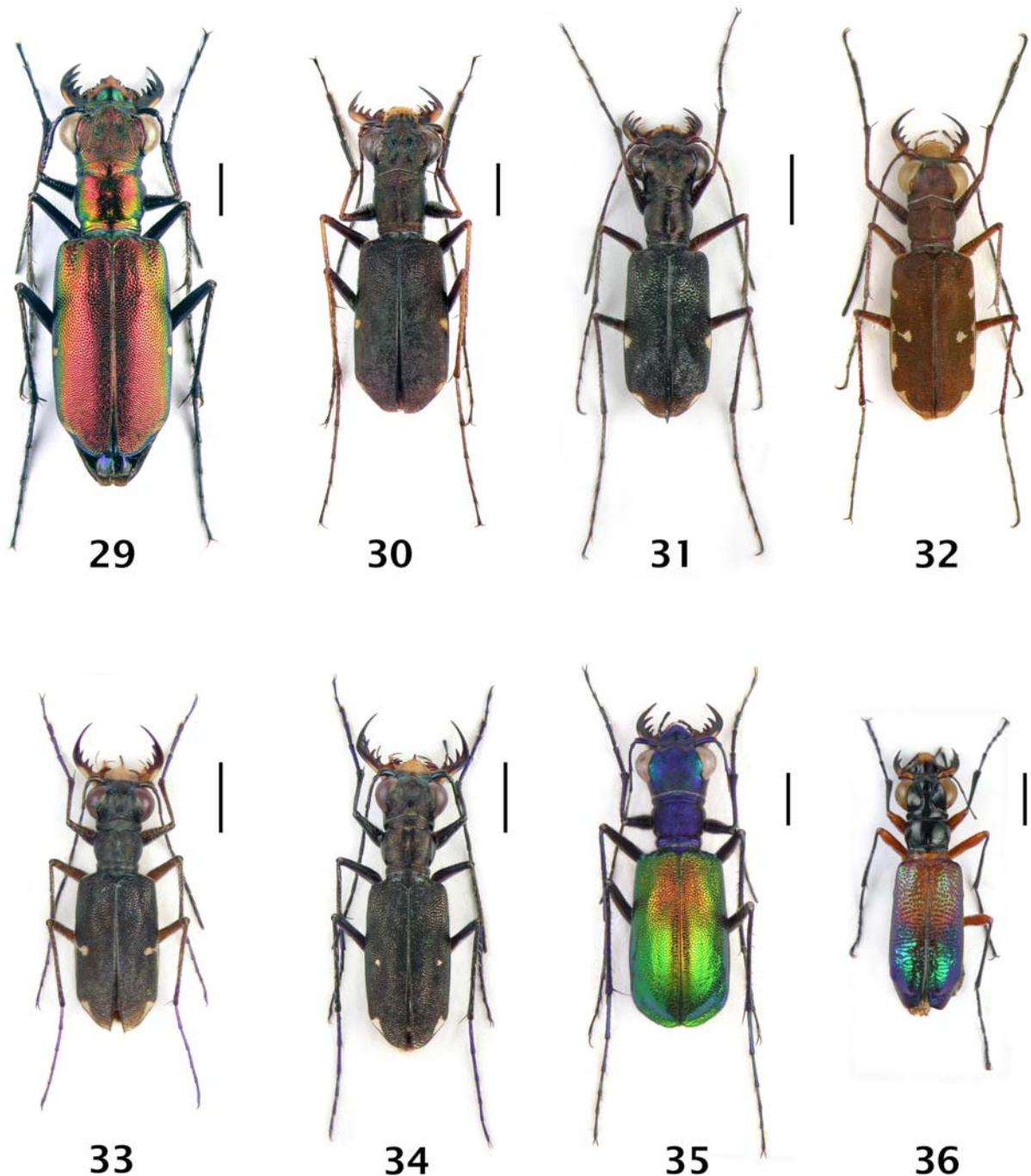
Figures 7-14. Habitus pictures. All scales = 2mm. **7)** *Phaeoxantha laminata* (Perty, 1830), Paraguay, Conception, Paso Horqueta, 27-30.x.1991, male. **8)** *Metriocheila nigricollis* (Reiche, 1842), Bolivia, La Paz, Guanay, 20.iii.1993, male. **9)** *Tetracha* (*Microtetracha*) *germaini* Chaudoir, 1865, Argentina, Cordoba, Balnearia, 7-25.i.2000, male. **10)** *Tetracha* (*Tetracha*) *brasiliensis brasiliensis* (Kirby, 1818), Uruguay, Rocha, Punta del Diabolo, male. **11)** *Tetracha* (*Neotetracha*) *annuligera* Lucas, 1857, Brazil, Goias, Jatahy, male. **12)** *Tetracha* (*Neotetracha*) *fulgida* (Klug, 1834), Argentina, Chaco, Confluencia del Río Bermejo y Río Bermejito, i.1995, male. **13)** *Tetracha* (*Neotetracha*) *pseudodistinguenda* (Horn, 1905), Paraguay, Dep. Pte. Hayes, Laguna Capitan, 24.iv.1997, male. **14)** *Tetracha* (*Neotetracha*) *distinguenda* (Dejean, 1831), Argentina, Chaco, Charata, female.



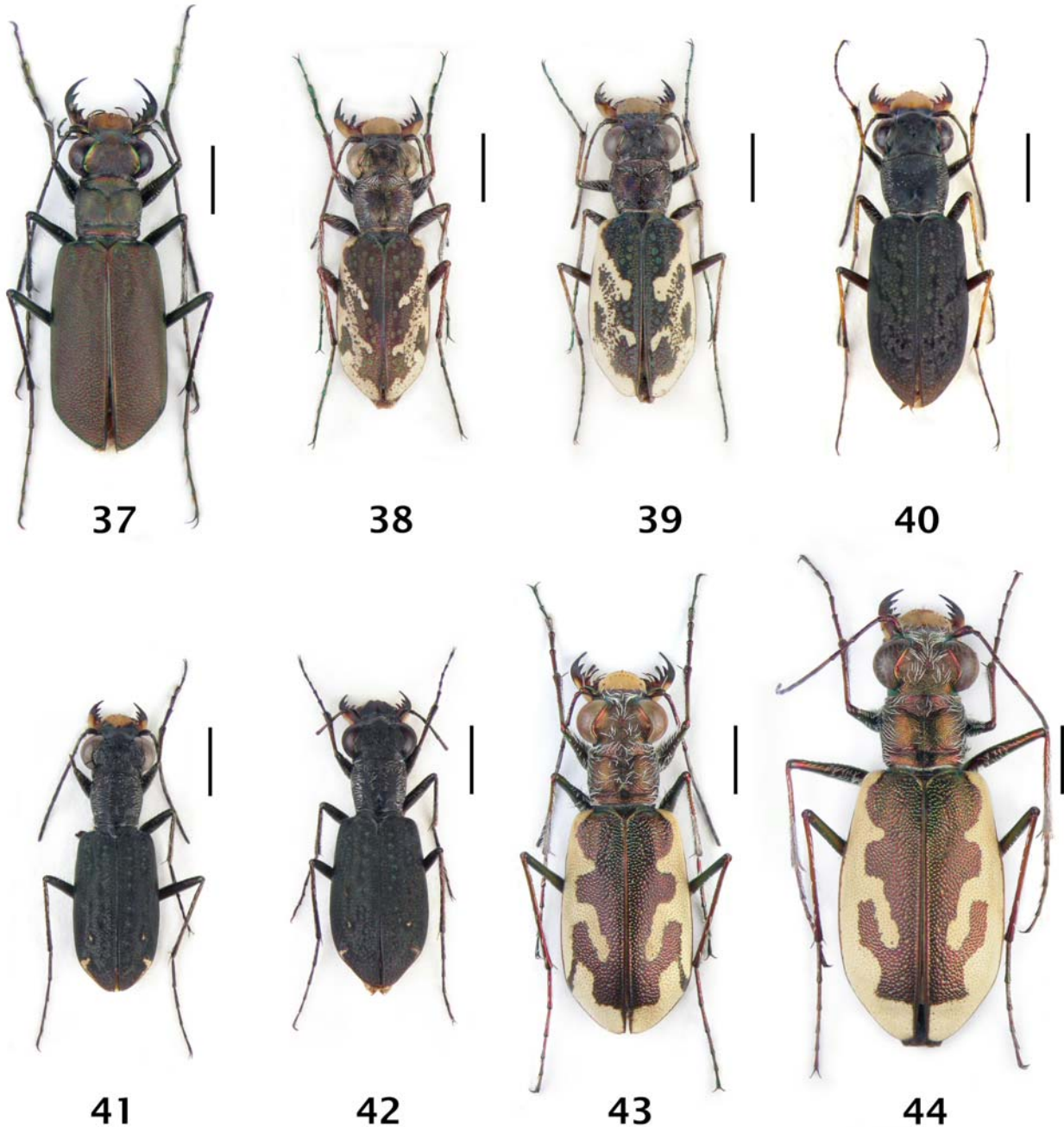
Figures 15-21. Habitus pictures. All scales = 2mm. **15)** *Tetracha (Neotetracha) cyanea* (Horn, 1905), Argentina, Catamarca, Río Salado, 45 km N Aimogasta, 21.xii.2010, male. **16)** *Tetracha (Neotetracha) quadrata* Naviaux, 2007, Argentina, Salta, San Martín, Tartagal, holotype female. **17)** *Tetracha (Neotetracha) prolongata* (Horn, 1932), Argentina, Salta, Río Blanco, Orán, iii.1992, male. **18)** *Tetracha (Neotetracha) brevisulcata* Horn, 1907, Paraguay, Boqueron, Loma Plata, 18.xii.1992, male. **19)** *Tetracha (Paratetracha) femoralis rivalieri* Naviaux, 2007, Argentina, Misiones, Loreto, ii.1961, female. **20)** *Oxycheila pinelii* Guérin-Méneville, 1843, Argentina, Misiones, Puerto Iguazú, i.1991, male. **21)** *Oxycheila femoralis* Laporte de Castelnau, 1833, Argentina, Palmar de Colón, Entre Ríos, i.1975, male.



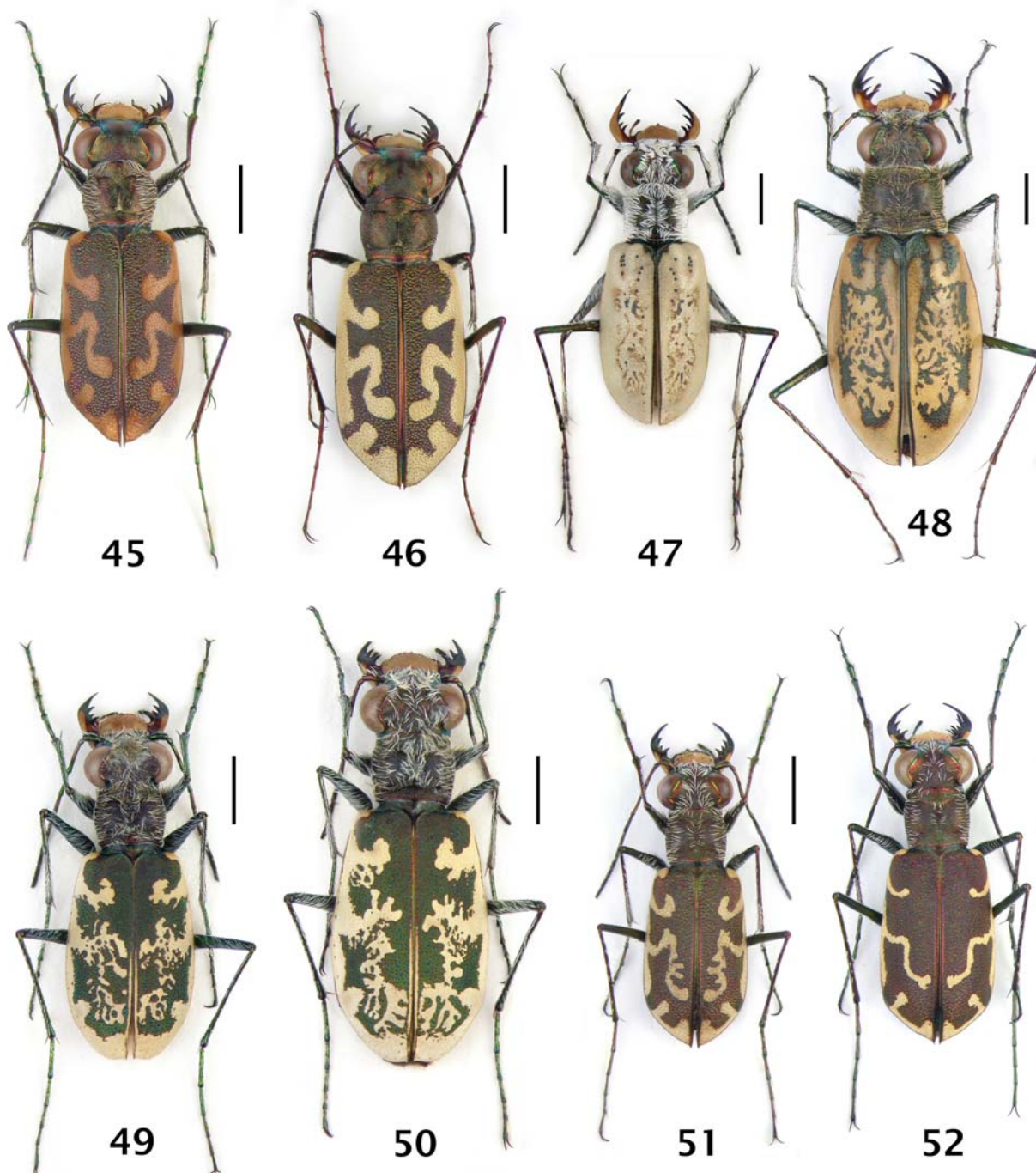
Figures 22-28. Habitus pictures. All scales = 2mm. **22)** *Oxycheila germaini* Fleutiaux, 1893, Argentina, Salta, El Infiernillo, i.1992, male. **23)** *Oxycheila labiata* Brullé, 1837, Bolivia, Santa Cruz, 500 m, 5.xi.1955, male. **24)** *Oxycheila opacipennis* Waterhouse, 1889, Argentina, Misiones, Puerto Iguazú, 13.xii.1987, male. **25-26.** *Odontocheila chrysis* (Fabricius, 1801). **25)** Argentina, Chaco, Charata, x.1994, male. **26)** Argentina, Chaco, Las Breñas, i.1995, female. **27)** *Odontocheila nitidicollis* (Dejean, 1825), Paraguay, Villarica, xii.1977, female. **28)** *Odontocheila fulgens* (Klug, 1834), Argentina, Chaco, Charata, i.1993, male.



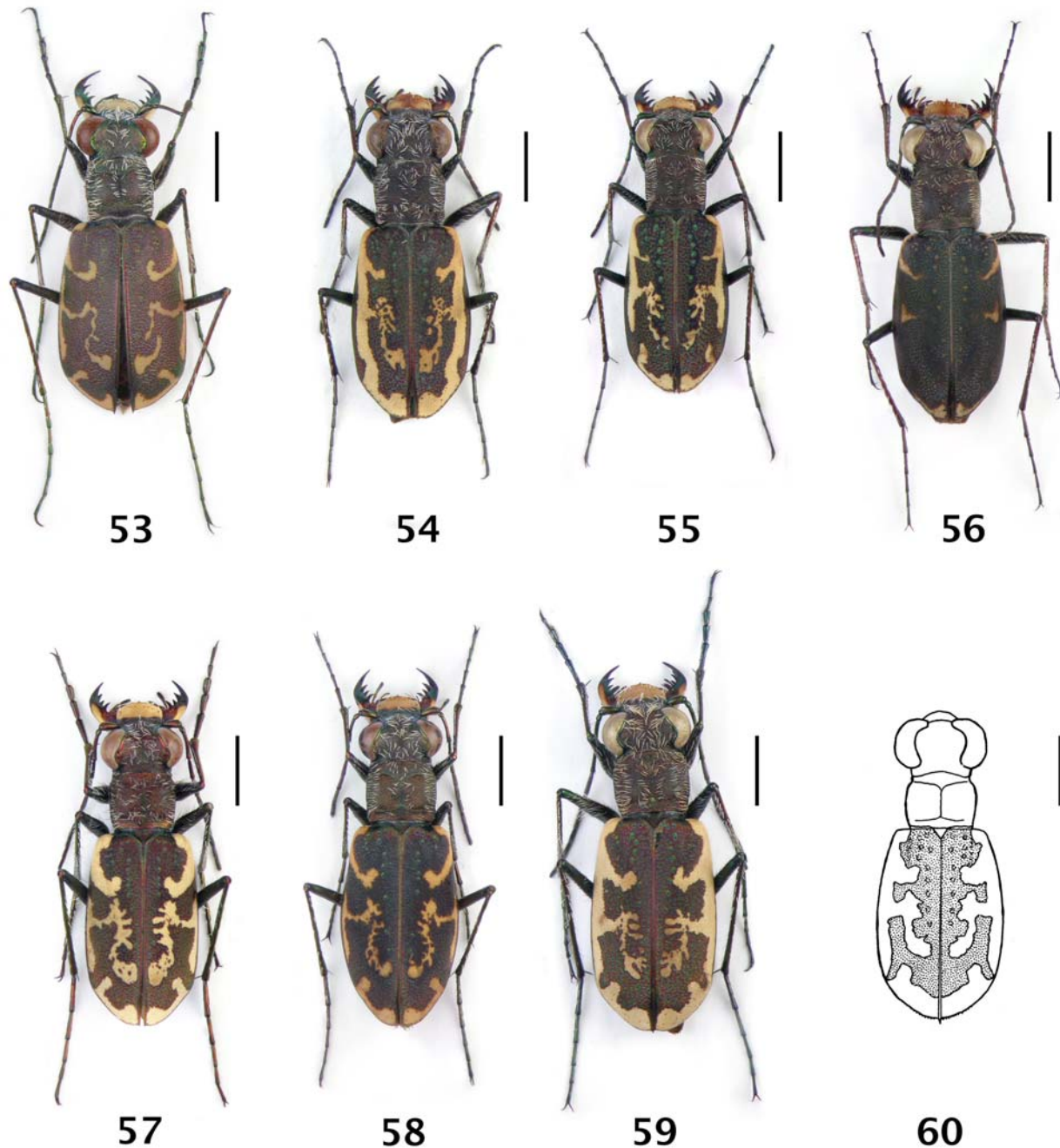
Figures 29-36. Habitus pictures. All scales = 2mm. **29)** *Odontocheila fulgens* (Klug, 1834), Argentina, Entre Rios, P. N. El Palmar, Ubajay, 4.ii.2002, female. **30)** *Odontocheila yunga* Huber, 1999, Bolivia, Tanja, 3 km N Nogolitos, 7.i.1995, paratype male. **31)** *Pentacomia* (*Poecilochila*) *rhytidopteroides* (Horn, 1906), Argentina, Chaco, Charata, i.1993, male. **32)** *Pentacomia* (*Mesacanthina*) *cribrata argentina* (Lynch, 1878), Argentina, Salta, Río del Valle, c/o Lajita, 15.xii.2010, male. **33)** *Pentacomia* (*Mesacanthina*) *reductesignata* Horn, 1905, Argentina, Salta, Orán, Angosto del Parani, 1700/1800 m, 28.x.1994, male. **34)** *Pentacomia* (*Mesacanthina*) *punctum* (Klug, 1834), Paraguay, Concepción, Estancia, María Auxiliadora, 26.ii.1999, male. **35)** *Cheilonycha auripennis angustedilatata* Horn, 1922, Paraguay, Concepcion, Cororó, 20.-30.xi.1998, male. **36)** *Iresia* (*Iresia*) *lacordairei* Dejean, 1831, Argentina, Misiones, Pozo Azul, 13.xii.1998, female.



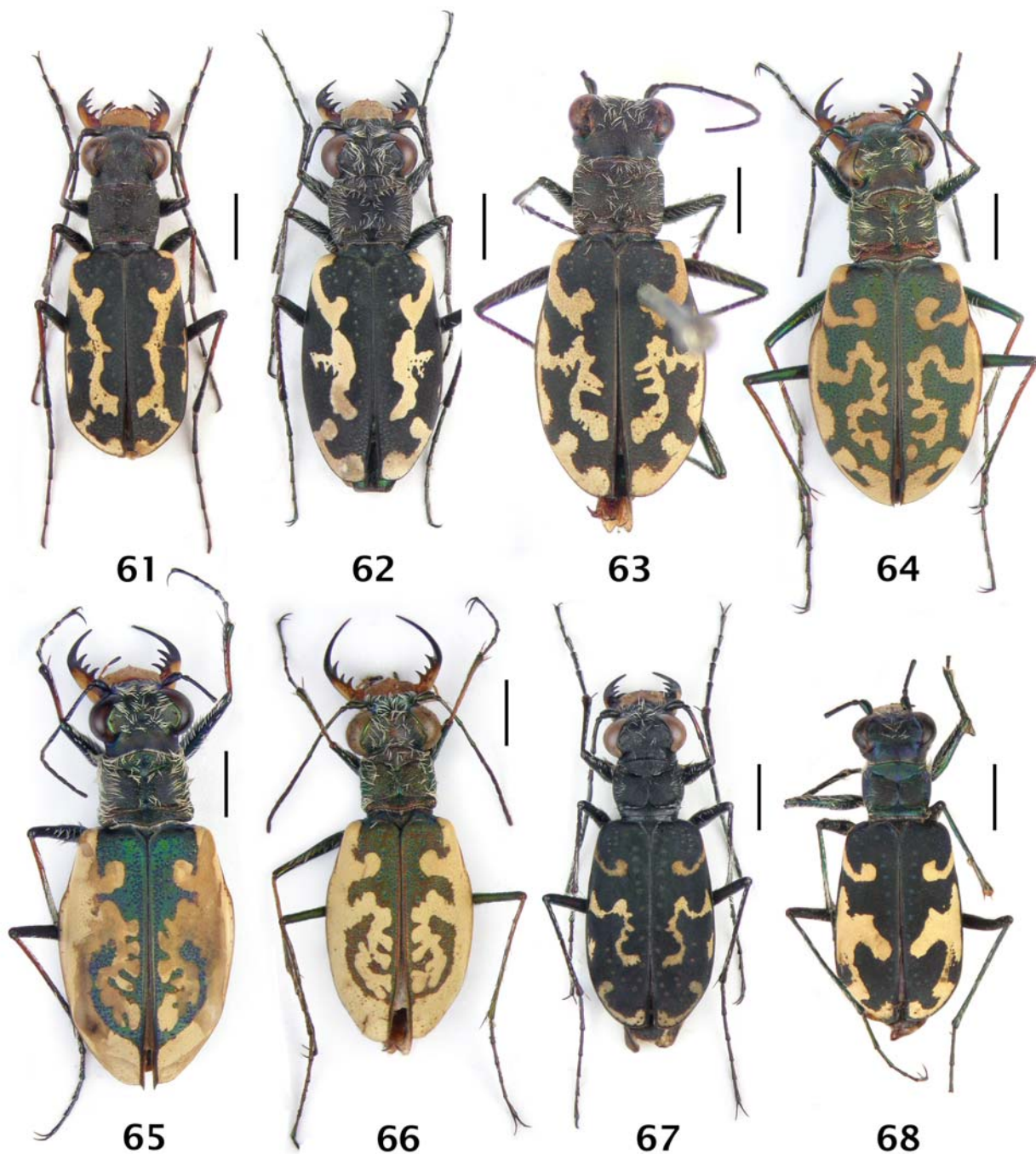
Figures 37-44. Habitus pictures. All scales = 2mm. **37)** *Cicindelidia rufoaenea* (Horn, 1915), Bolivia, Cochabamba, Carrasco, Río Ivirgazama, 19.12.2002, male. **38-39.** *Cylindera* (*Cylindera*) *confluentesignata* (Horn, 1915). **38)** Paraguay, Paraguari, Sapucay 1.-5.i.1993, male. **39)** Paraguay, Presidente. Hayes, 26.iii.1995, female. **40)** *Cylindera* (*Cylindera*) *morio* (Klug, 1834), Brazil, Amazonas, 20 km NE Manaus, 16.xi.1992, female. **41-42.** *Cylindera* (*Cylindera*) *obsoletesignata* (Horn, 1895). **41)** Argentina, Corrientes, Ita-Ibate, Fluß Paraná, 26.i.1996, male. **42)** Argentina, Cordoba, Balnearia, 7.-25.i.2000, female. **43-44.** *Cylindera* (*Plectographa*) *hassenteufeli* (Mandl, 1960). **43)** Argentina, Catamarca, Salinas Grandes, Incrocio rutas 60 e 157, 16.i.2010, male. **44)** Argentina, La Rioja, Mascasin, i.1959, paratype female.



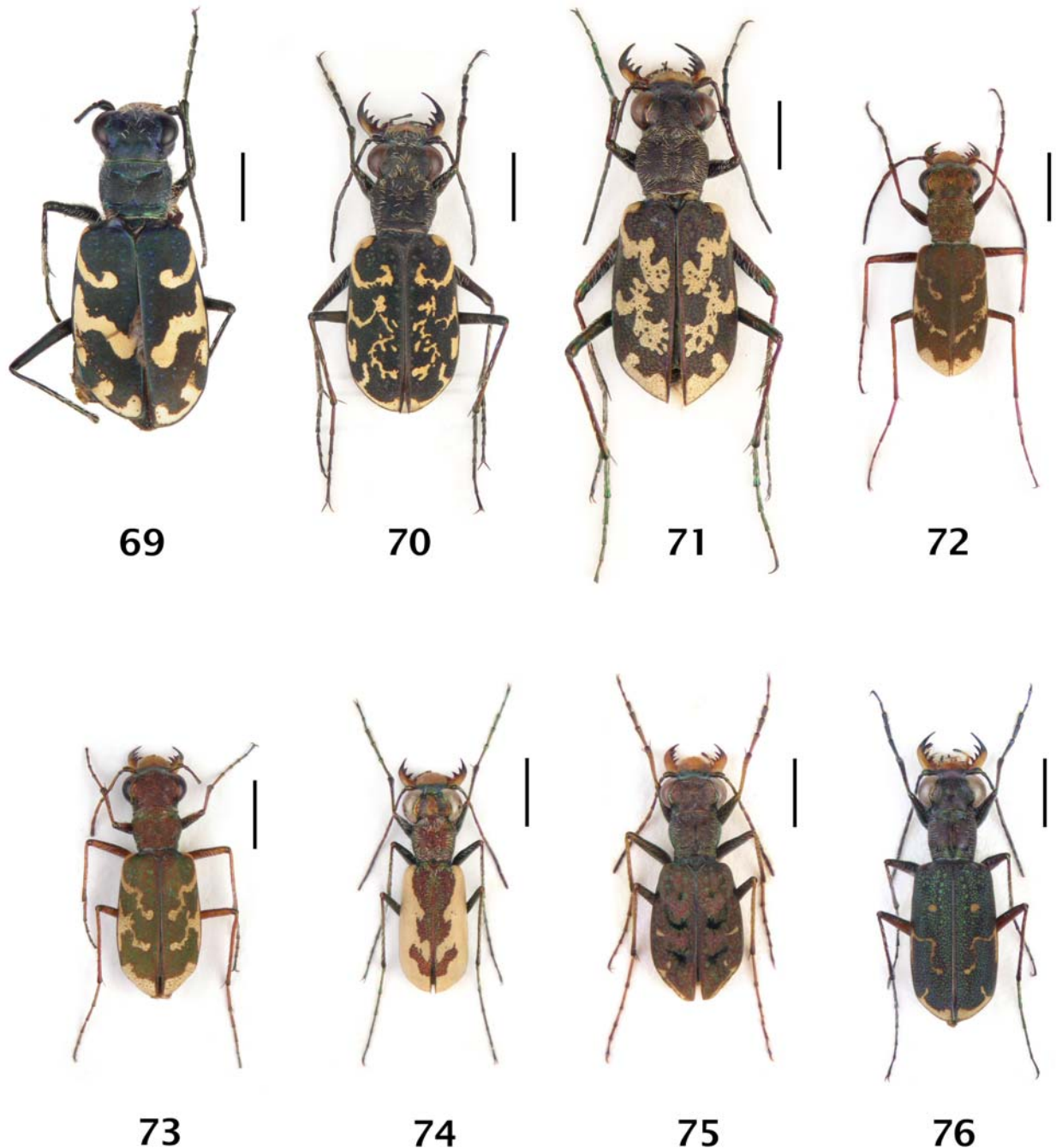
Figures 45-52. Habitus pictures. All scales = 2mm. **45-46.** *Cylindera (Plectographa) sinuosa* (Brullé, 1837). **45)** Argentina, Entre Rios, Liebig, i.1990, male. **46)** Argentina, Misiones, Dos de Mayo, iv.1994, female. **47)** *Cylindera (Plectographa) nivea nivea* (Kirby, 1818), Brazil, Rio de Janeiro, Campos, atlantic coast, 20.x.1989, male. **48)** *Cylindera (Plectographa) nivea orbigny* (Guérin-Méneville, 1839), Argentina, Buenos Aires, Neocochea, i.1977, female. **49-50.** *Cylindera (Plectographa) ramosa* (Brullé, 1837), Argentina, Chubut, Pta. Perdidas, Piramides, 22.vii.1996. **49)** Male. **50)** Female. **51-52.** *Cylindera (Plectographa) mixtula* (Horn, 1915). **51)** Argentina, Salta, Río San Francisco, c/o Pichanal, river banks, 15.xii.2010, male. **52)** Argentina, Salta, Quebrada de Cafayate. Río de las Conchas 13.i.2010, male.



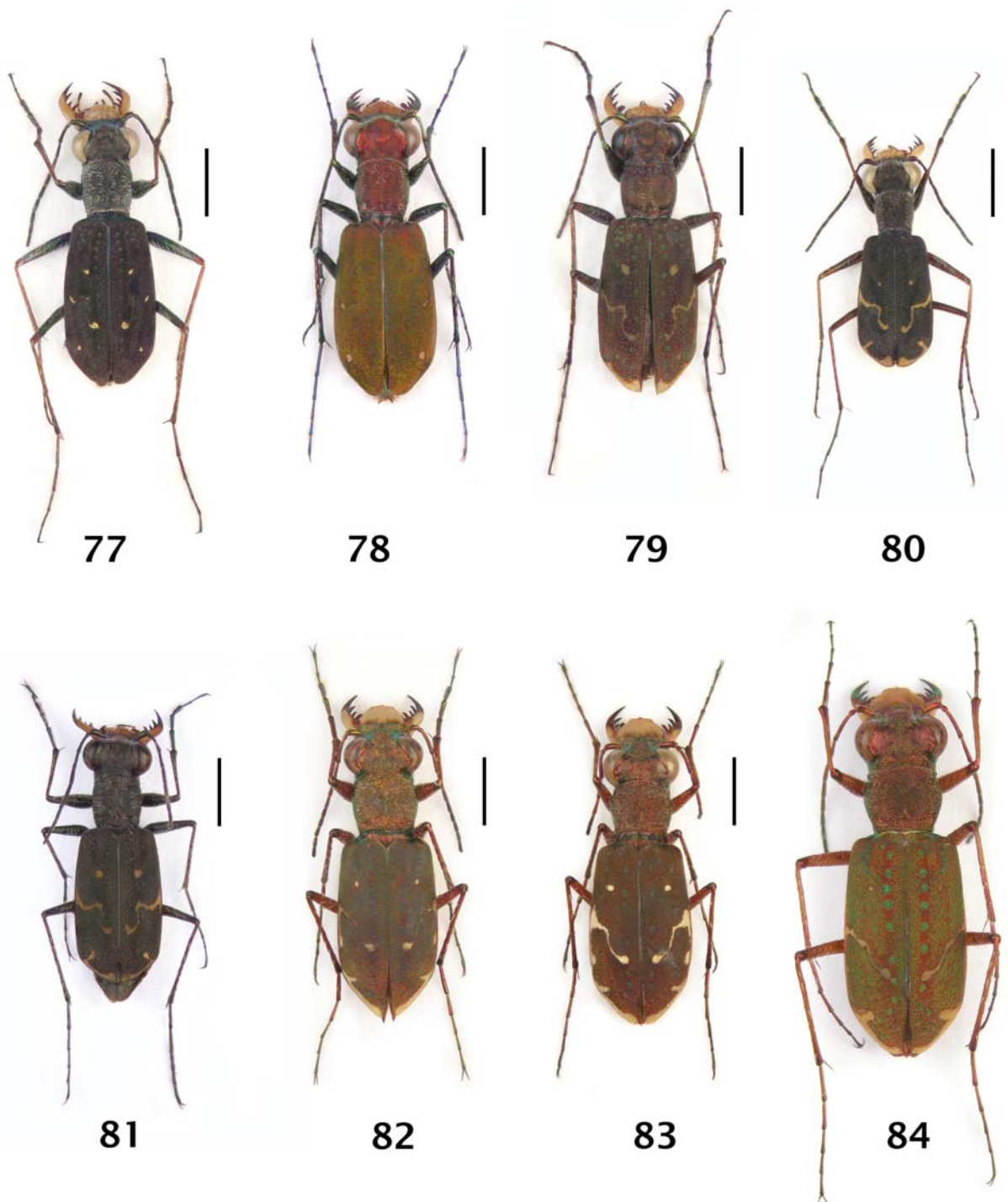
Figures 53-60. Habitus pictures. All scales = 2mm. **53)** *Cyllindera (Plectographa) mixtula* (Horn, 1915). Argentina, Catamarca, Río Colorado, on Ruta 60 c/o Tinogasta, river banks, 22.xii.2010, male. **54-56.** *Cyllindera (Plectographa) ritsemae* (Horn, 1895). **54)** Argentina, Cordoba, Balnearia, 7.-25.i.2000, female. **55)** Argentina, Santiago del Estero, Termas de Río Hondo, lake shore, 18.xii.2010, female. **56)** Argentina, Cordoba, James Craik, 15 km SE Oliva, 400 m, 18.i.2012, female. **57-58.** *Cyllindera (Plectographa) drakei drakei* (Horn, 1892). **57)** Argentina, San Juan, Río San Juan, 12 km E Calingasta, 1300 m, 3.xii.2004, male. **58)** Argentina, Cordoba, Pretot Freyre, 95 km W Villa Mercedes, 7.xii.2004, female. **59)** *Cyllindera (Plectographa) drakei pseudochiloleuca* (Horn, 1908), Argentina, Salta, Quebrada del Toro, c/o Sta. Rosa de Tastil, 3400 m, 10.i.2010, male. **60)** *Cyllindera (Plectographa) drakei latifascia* (Sumlin, 1979), remake of Sumlin's figure.



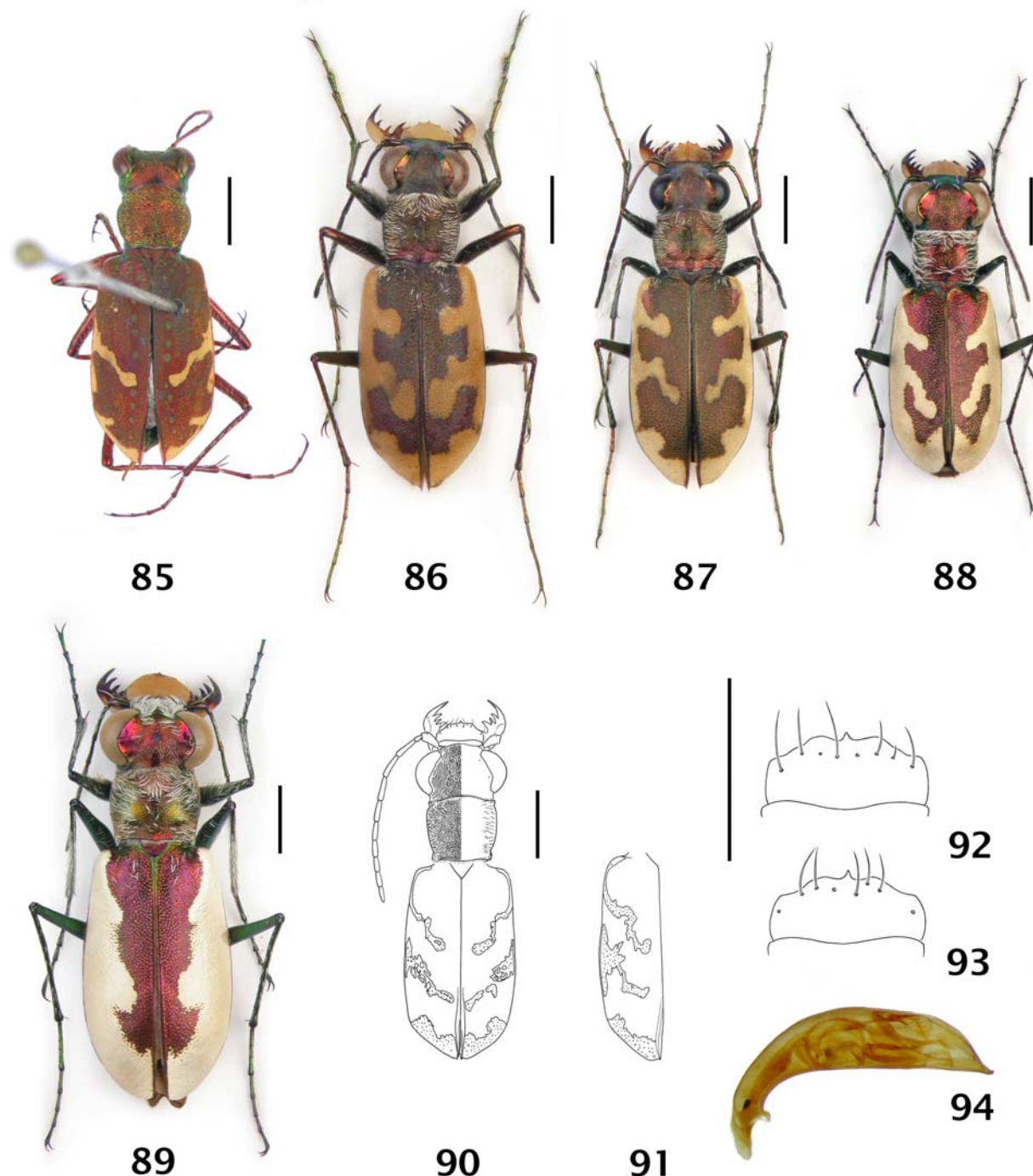
Figures 61-68. Habitus pictures. All scales = 2mm. **61-62.** *Cylindera (Plectographa) melaleuca melaleuca* (Dejean, 1831). **61)** Argentina, Buenos Aires, Saladillo, Laguna Indio Muerto, 19.ii.1995, male. **62)** Argentina, Cordoba, Balnearia, 7.-25.i.2000, female. **63)** *Cylindera (Plectographa) melaleuca reedi* (Horn, 1895), Patagonia, holotype female. **64)** *Cylindera (Plectographa) patagonica patagonica* (Brullé, 1837), Argentina meridionalis, female. **65)** *Cylindera (Plectographa) patagonica cherubim* (Chevrolat, 1858), Chile, female. **66)** *Cylindera (Plectographa) patagonica bergiana* (Horn, 1895), Uruguay, female. **67)** *Cylindera (Plectographa) gormazi* (Reed, 1871), Chile S, Umg. Puerto Munit, NP Puyehue, b. Petrohue, 200 m, 4.i.2007, male. **68)** *Cylindera (Plectographa) chubuti* Cassola, 1999, Argentina, Chubut, El Maitén, 8.ii.1966, paratype male.



Figures 69-76. Habitus pictures. All scales = 2mm. **69)** *Cylindera (Plectographa) chubuti* Cassola, 1999, Argentina, Chubut, El Maitén, 8.ii.1966, paratype male. **70)** *Cylindera (Plectographa) chiliensis* (Audouin and Brullé, 1839), Chile, Cordillera Lonquimay, La Fusta, ii.1986, male. **71)** *Cylindera (Plectographa) apiata apiata* (Dejean, 1825), Argentina, Río Negro, San Antonio de Areco Oeste, Las Grutas, i.1992, male. **72-73.** *Cylindera (Plectographa) stamatovi* (Sumlin, 1979), Argentina, Tucuman, ii.1950. **72)** Holotype male. **73)** Allotype female. **74)** *Cylindera (Plectographa) eugeni* (Laporte de Castelnau, 1834), Argentina, San Luis, P. N. Sierra de las Quijadas, Hualtaran, 5.i.2002, male. **75)** *Brasiella (Brasiella) obscurvata* Sumlin, 1993, Argentina, Salta, Orán, Angosto del Parani, Quebrada Colorado, 1800/2000m, 28.x.1994, male. **76)** *Brasiella (Brasiella) argentata argentata* (Fabricius, 1801), Argentina, Chaco, Pampa Avila, xii.1995, male.



Figures 77-84. Habitus pictures. All scales = 2mm. **77)** *Brasiella (Brasiella) obscurella* (Klug, 1829), Argentina, Río Negro, Río Colorado, i.1978, male. **78)** *Brasiella (Brasiella) aureola aureola* (Klug, 1834), Paraguay, Concepcion, Cororó, 20.-30.xi.1998, female. **79)** *Brasiella (Brasiella) cuyabaensis* Mandl, 1970, Argentina, Chaco, 100 km NW Resistencia, PN Chaco, 12-17.xii.1990, male. **80)** *Brasiella (Brasiella) dolosula* Rivalier, 1955, Brazil, Espírito Santo, Socretama, xii.1980, male. **81)** *Brasiella (Brasiella) misella misella* (Chaudoir, 1854), Argentina, Corrientes: Riachuelo env., r. Pexoa, 20-25.xii.2012, male. **82-83.** *Brasiella (Gaymara) chlorosticta* (Kollar, 1836), Paraguay, Dpto. Canindeyú, Aguaranú, 16-18.xi.1998. **82)** Male. **83)** Female. **84)** *Brasiella (Gaymara) staudingeria* (Horn, 1915), Brazil, Minas Gerais, Pocos de Caldas, xii.1967, female.



Figures 85-94. Habitus pictures. All scales = 2mm. **85)** *Brasiella* (Gaymara) *staudingeria* (Horn, 1915), Brazil, Goyaz, Viannopolis, xi.1931, male. **86-87.** *Brasiella* (Gaymara) *rotundatodilatata* (Horn, 1915). **86)** Argentina, Tucuman, Chicligaster, La Trinidad, Villa la Esperanza, Río Gastona, 17.ii.1997, male. **87)** Bolivia, Santa Cruz, Andrés Ibanez, Río Pirai, 29.iii.2002, female. **88)** *Sumlinia halophila* (Sumlin, 1979), Argentina, Cordoba, Salinas Grande, c/o Lucio Mansilla, 80 km NW Dean Funes, 11.xii.2010, female. **89)** *Sumlinia hirsutifrons* (Sumlin, 1979), Argentina, Cordoba, Ruta 60, km 895.5 (6.5 km S of Villa Lucio Mansilla), Salinas Grandes, 18.i.2002, female. **90-94.** *Cylindera* (*Plectographa*) *stamatovi* (Sumlin, 1979). All scales = 2mm. **90)** Habitus, holotype male. **91)** Left elytron, allotype female. **92)** Labrum, holotype male. **93)** Labrum, allotype female. **94)** Aedeagus, holotype.



Figures 95-96. Habitat pictures, taken by the second author. **95)** Catamarca, Río Salado, 45 km N Aimogasta, 21.xii.2010, collection site of *Tetracha* (*Neotetracha*) *fulgida*, *Tetracha* (*Neotetracha*) *pseudodistinguenda*, *Tetracha* (*Neotetracha*) *distinguenda*, *Tetracha* (*Neotetracha*) *cyanea*, *Cylindera* (*Plectographa*) *mixtula* and *Cylindera* (*Plectographa*) *drakei drakei*. **96)** Santiago del Estero, Río Saladillo, Salinas de Ambargasta, 68 km S Ciudad Loreto, 19.xii.2010, collection site of *Tetracha* (*Microtetracha*) *germaini*, *Tetracha* (*Neotetracha*) *fulgida*, *Tetracha* (*Neotetracha*) *distinguenda* and *Cylindera* (*Plectographa*) *hassenteufeli*.



Figures 97-98. Habitat pictures, taken by the second author. **97)** Tucuman, San Pedro de Colalao, 1100 m, 08.i.2010, collection site of *Metriocheila nigricollis*. **98)** Cordoba, Salinas Grandes, c/o Lucio Mansilla - 80 km NW Dean Funes, 16.i.2010, collection site of *Tetracha* (*Neotetracha*) *distinguenda*, *Cylindera* (*Plectographa*) *hassenteufeli*, *Sumlinia halophila* and *Sumlinia hirsutifrons*.



Figures 99-100. Habitat pictures, taken by the second author. **99)** Buenos Aires, Laguna de Gomez, c/o Junin, 14.xii.2011, collection site of *Cylindera* (*Plectographa*) *melaleuca melaleuca* and *Cylindera* (*Plectographa*) *apiata apiata*. **100)** Santiago del Estero, Nueva Esperanza, 24.xii.2011, collection site of *Tetracha* (*Neotetracha*) *fulgida*, *Tetracha* (*Neotetracha*) *pseudodistinguenda*, *Tetracha* (*Neotetracha*) *distinguenda* and *Cylindera* (*Plectographa*) *ritsemae*.

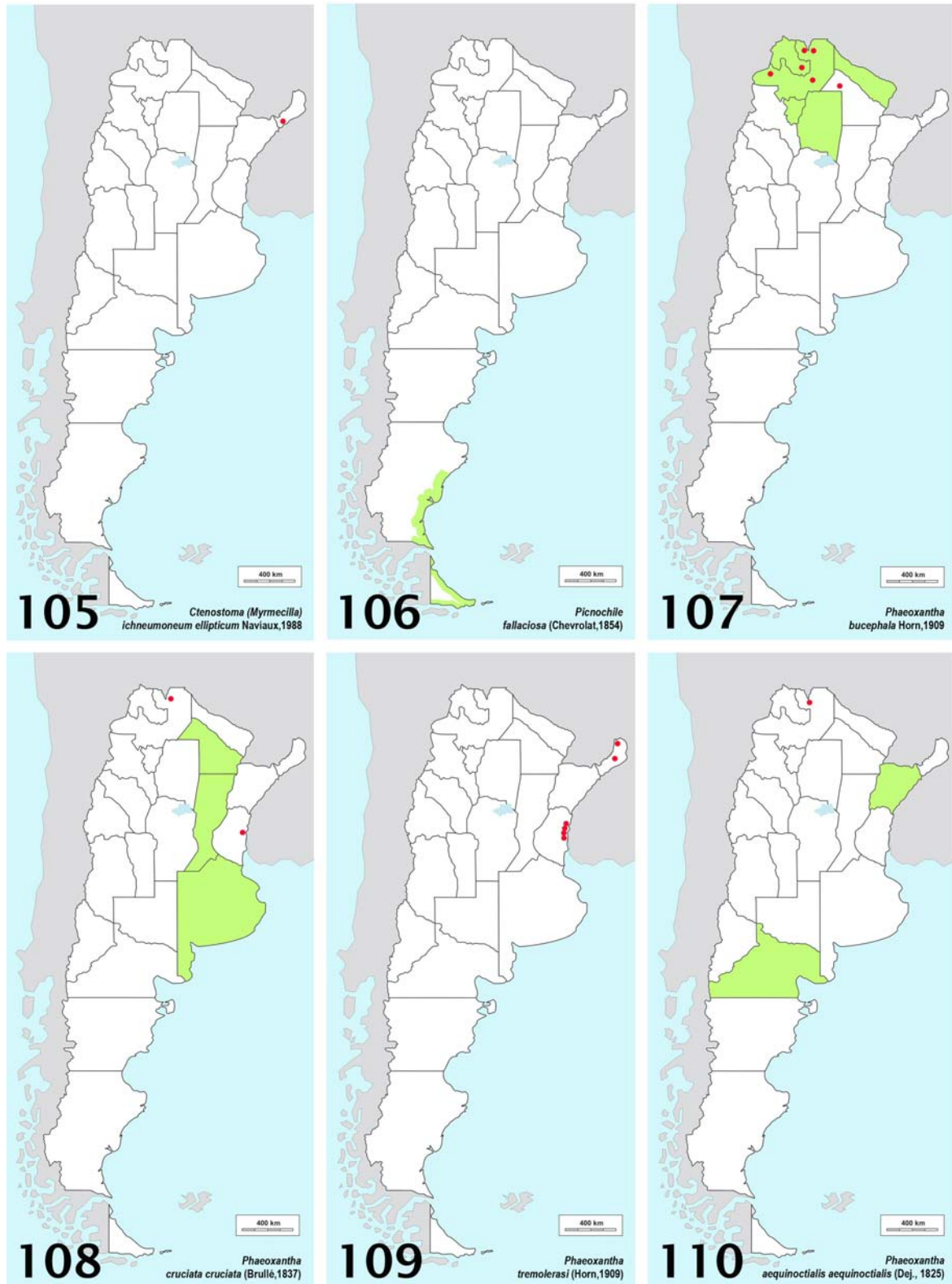


Figures 101-102. Habitat pictures, taken by the second author. **101)** Cordoba, Ruta 9, near Oliva ($32^{\circ} 04,654' \text{ S} - 63^{\circ} 32,355' \text{ W}$), 09.i.2013, collection site of *Cylindera* (*Cylindera*) *confluentesignata*, *Cylindera* (*Plectographa*) *ritsemae* and *Cylindera* (*Plectographa*) *melaleuca melaleuca*. **102)** Salta, Río Seco, 26 km N Embarcación, 15.i.2013, collection site of *Phaeoxantha bucephala*, *Phaeoxantha cruciata cruciata*, *Tetracha* (*Neotetracha*) *fulgida*, *Odontocheila chrysis*, *Cylindera* (*Plectographa*) *mixtula*, *Brasiella* (*Brasiella*) *argentata argentata* and *Brasiella* (*Gaymara*) *rotundatodilatata*.

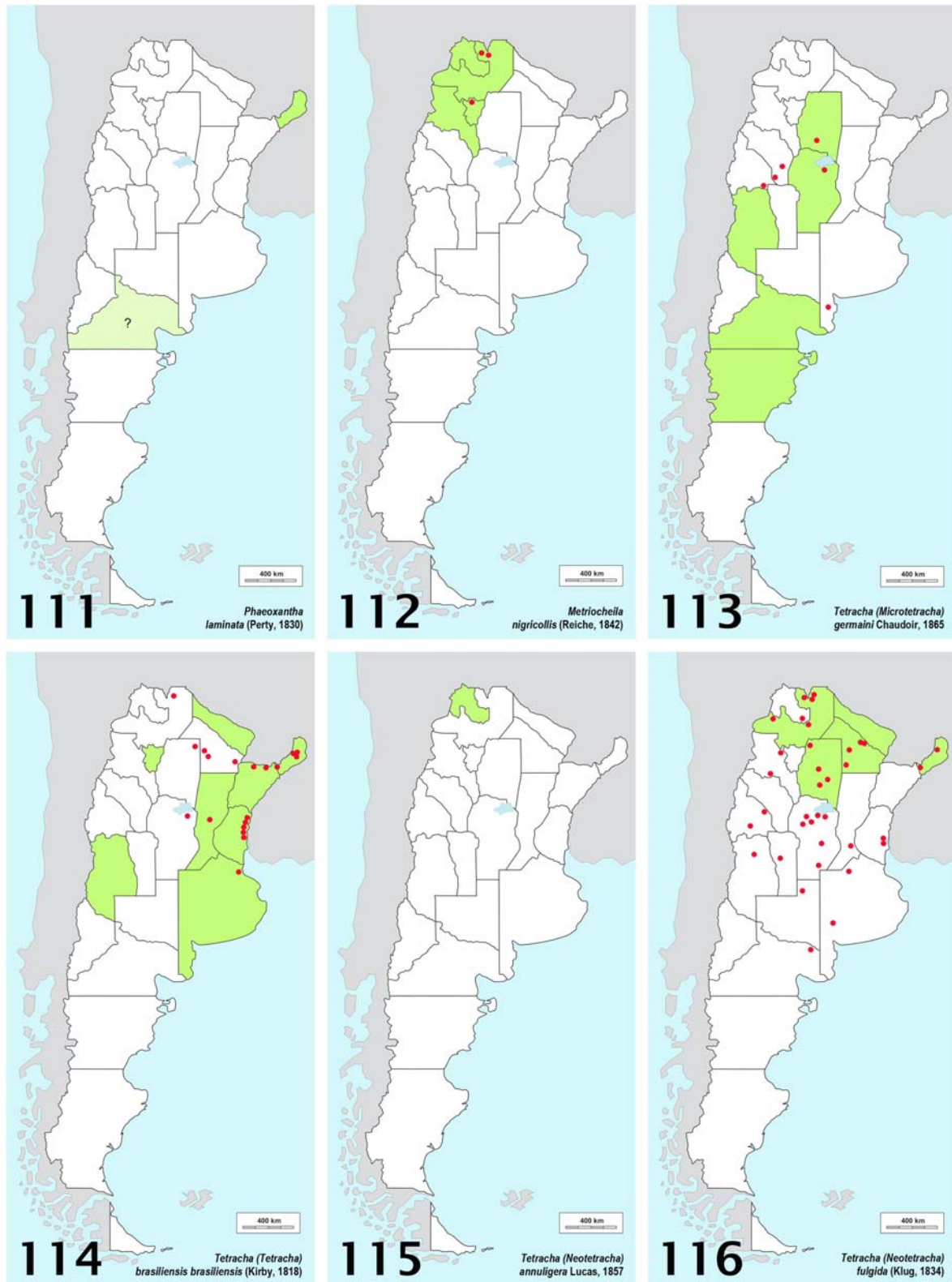
Figure 103. Table of the provincial records of the tiger beetles of Argentina.



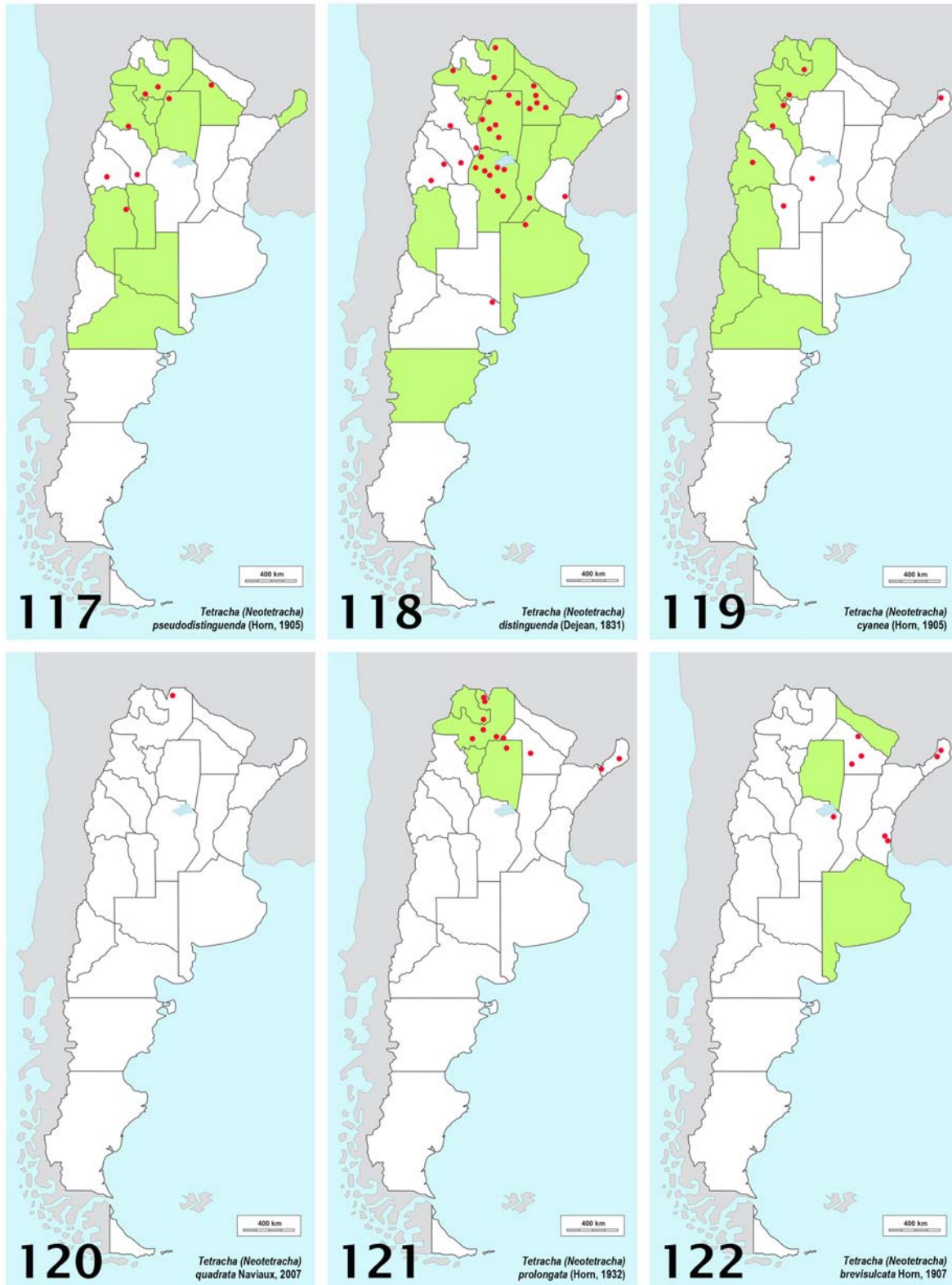
Figure 104. Map of the provinces of Argentina. In the distribution maps on the next pages the following symbols are used: green = province record from the literature, without specific locality given; light green with question mark = province record from the literature, given as doubtful; red dot = collecting localities of specimens seen by the authors and specific localities indicated in the literature. Some of the locality sites were not included on maps. These unmapped sites include: Andaleala, Bajo Carranga, Catos, La Termes, Corral de Cruz, Gran Guardia, Huigango, Los Laureles, Palomitei, Sm. Bemeraz, Sachayos and San Isidro.



Figures 105-110. Distribution maps. **105)** *Ctenostoma (Myrmecilla) ichneumoneum ellipticum* Naviaux, 1988. **106)** *Picnochile fallaciosa* (Chevrolat, 1854). **107)** *Phaeoxantha bucephala* (Horn, 1909). **108).** *Phaeoxantha cruciata cruciata* (Brullé, 1837). **109)** *Phaeoxantha tremolerasi* (Horn, 1909). **110)** *Phaeoxantha aequinoctialis aequinoctialis* (Dejean, 1825).



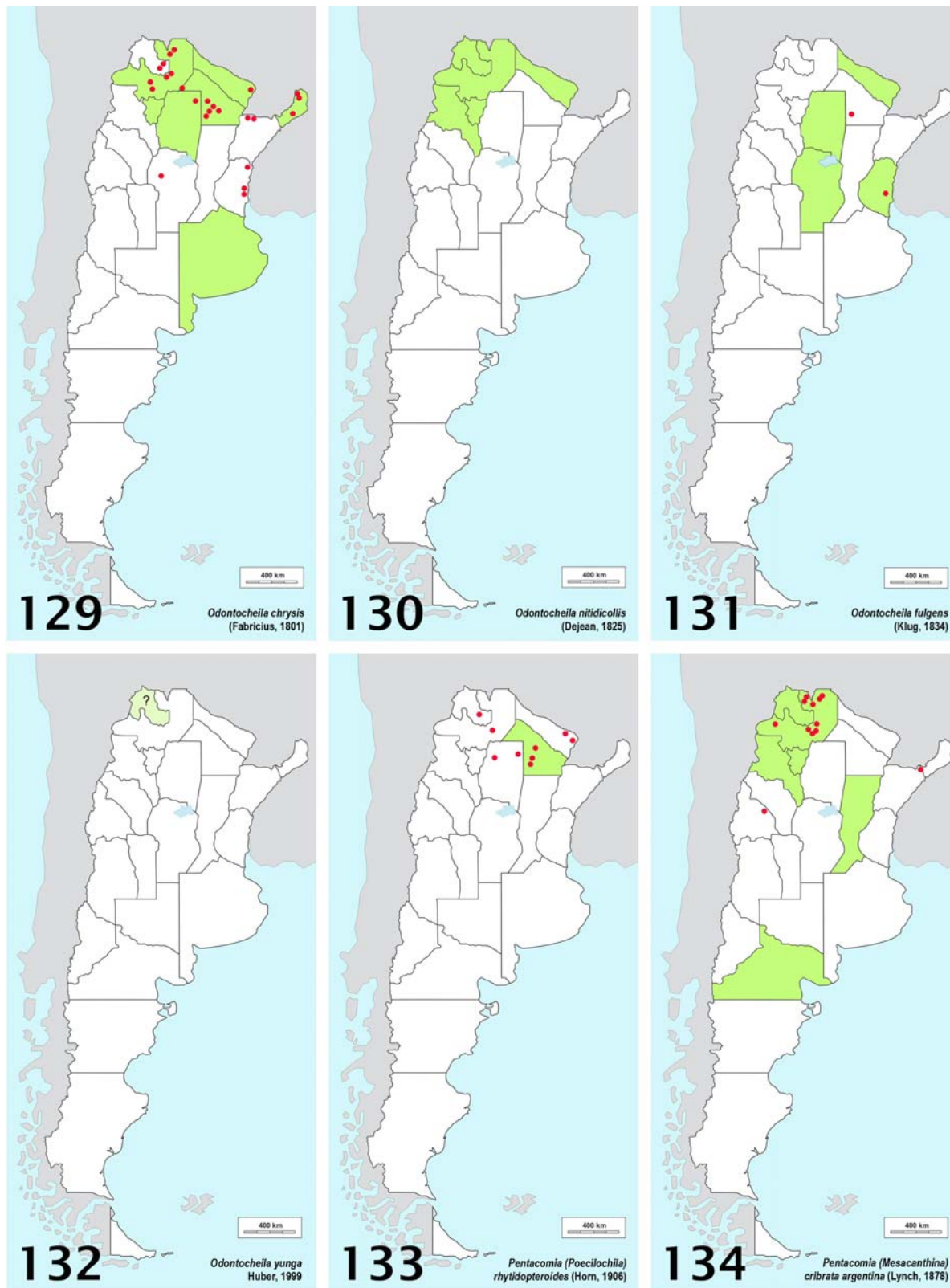
Figures 111-116. Distribution maps. **111)** *Phaeoxantha laminata* (Perty, 1830). **112)** *Metriocheila nigricollis* (Reiche, 1842). **113)** *Tetracha (Microtetracha) germaini* Chaudoir, 1865. **114)** *Tetracha (Tetracha) brasiliensis brasiliensis* (Kirby, 1818). **115)** *Tetracha (Neotetracha) annuligera* Lucas, 1857. **116)** *Tetracha (Neotetracha) fulgida* (Klug, 1834).



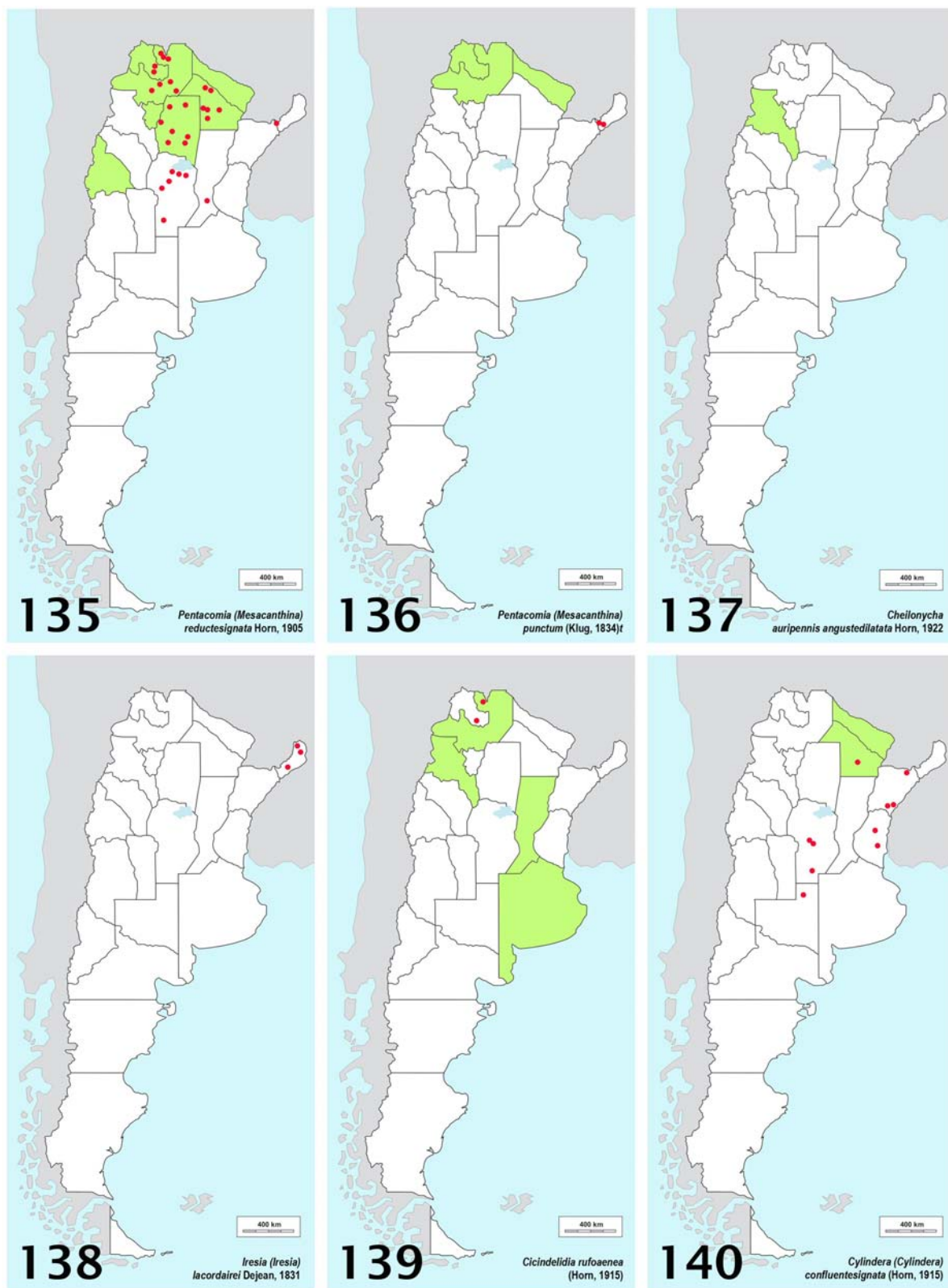
Figures 117-122. Distribution maps. **117)** *Tetracha (Neotetracha) pseudodistinguenda* (Horn, 1905). **118)** *Tetracha (Neotetracha) distinguenda* (Dejean, 1831). **119)** *Tetracha (Neotetracha) cyanea* (Horn, 1905). **120)** *Tetracha (Neotetracha) quadrata* Naviaux, 2007. **121)** *Tetracha (Neotetracha) prolongata* (Horn, 1932). **122)** *Tetracha (Neotetracha) brevisulcata* Horn, 1907.



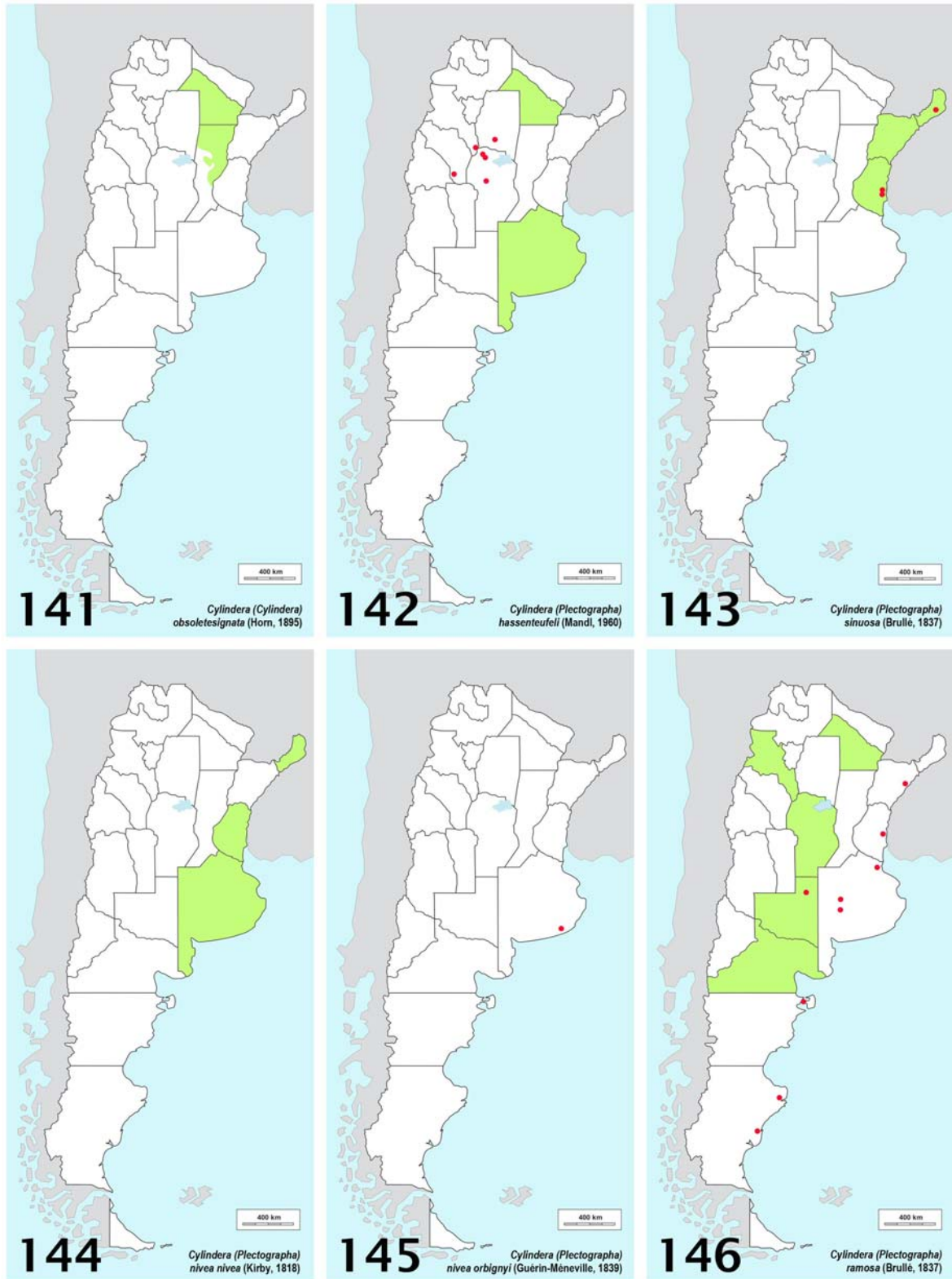
Figures 123-128. Distribution maps. **123)** *Tetracha (Paratetracha) femoralis rivalieri* Naviaux, 2007. **124)** *Oxycheila pinellii* Guérin-Ménéville, 1843. **125)** *Oxycheila femoralis* Laporte de Castelnau, 1833. **126)** *Oxycheila germaini* Fleutiaux, 1893. **127)** *Oxycheila labiata* Brullé, 1837. **128)** *Oxycheila opacipennis* Waterhouse, 1889.



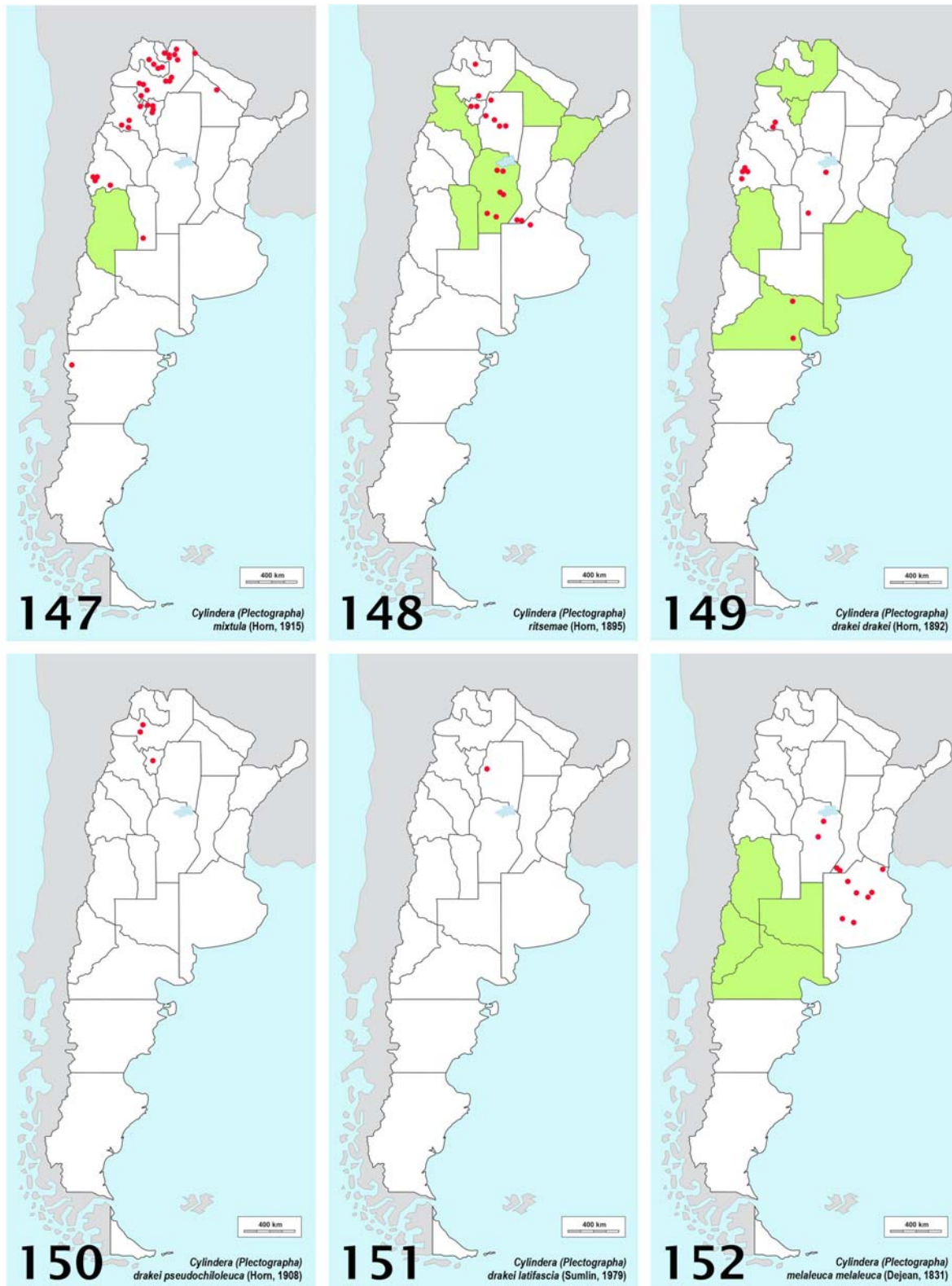
Figures 129-134. Distribution maps. **129)** *Odontocheila chrysis* (Fabricius, 1801). **130)** *Odontocheila nitidicollis* (Dejean, 1825). **131)** *Odontocheila fulgens* (Klug, 1834). **132)** *Odontocheila yunga* Huber, 1999. **133)** *Pentacomia (Poecilochila) rhytidopteroides* (Horn, 1906). **134)** *Pentacomia (Mesacanthina) cribrata argentina* (Lynch, 1878).



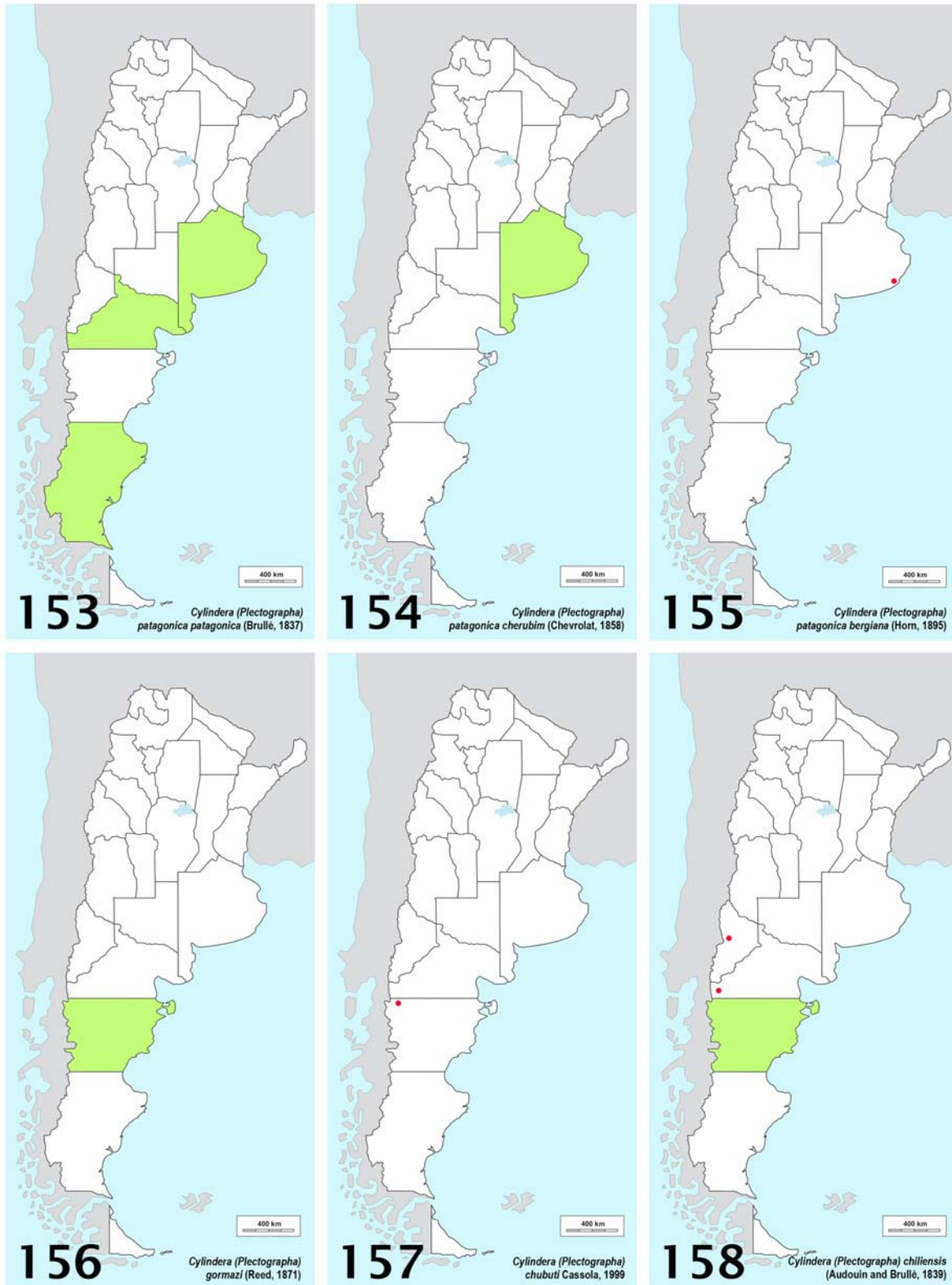
Figures 135-140. Distribution maps. **135)** *Pentacomia (Mesacanthina) reductesignata* Horn, 1905. **136)** *Pentacomia (Mesacanthina) punctum* (Klug, 1834). **137)** *Cheilonycha auripennis angustedilatata* Horn, 1922. **138)** *Iresia (Iresia) lacordairei* Dejean, 1831. **139)** *Cicindelidia rufoaenea* (Horn, 1915). **140)** *Cylindera (Cylindera) confluentesignata* (Horn, 1915).



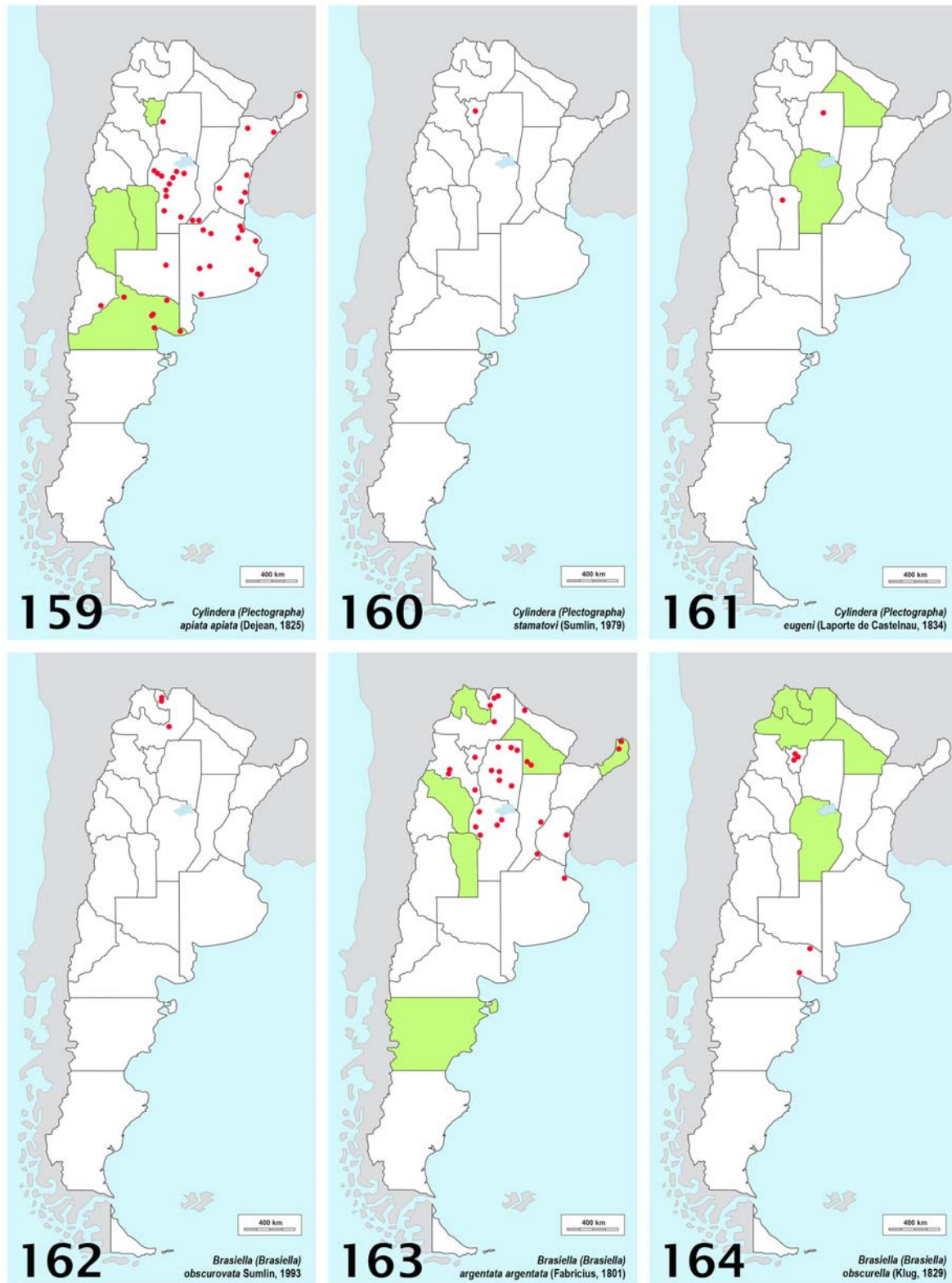
Figures 141-146. Distribution maps. **141)** *Cylindera (Cylindera) obsoletesignata* (Horn, 1895). **142)** *Cylindera (Plectographa) hassenteufeli* (Mandl, 1960). **143)** *Cylindera (Plectographa) sinuosa* (Brullé, 1837). **144)** *Cylindera (Plectographa) nivea nivea* (Kirby, 1818). **145)** *Cylindera (Plectographa) nivea orbignyi* (Guérin-Ménéville, 1839). **146)** *Cylindera (Plectographa) ramosa* (Brullé, 1837).



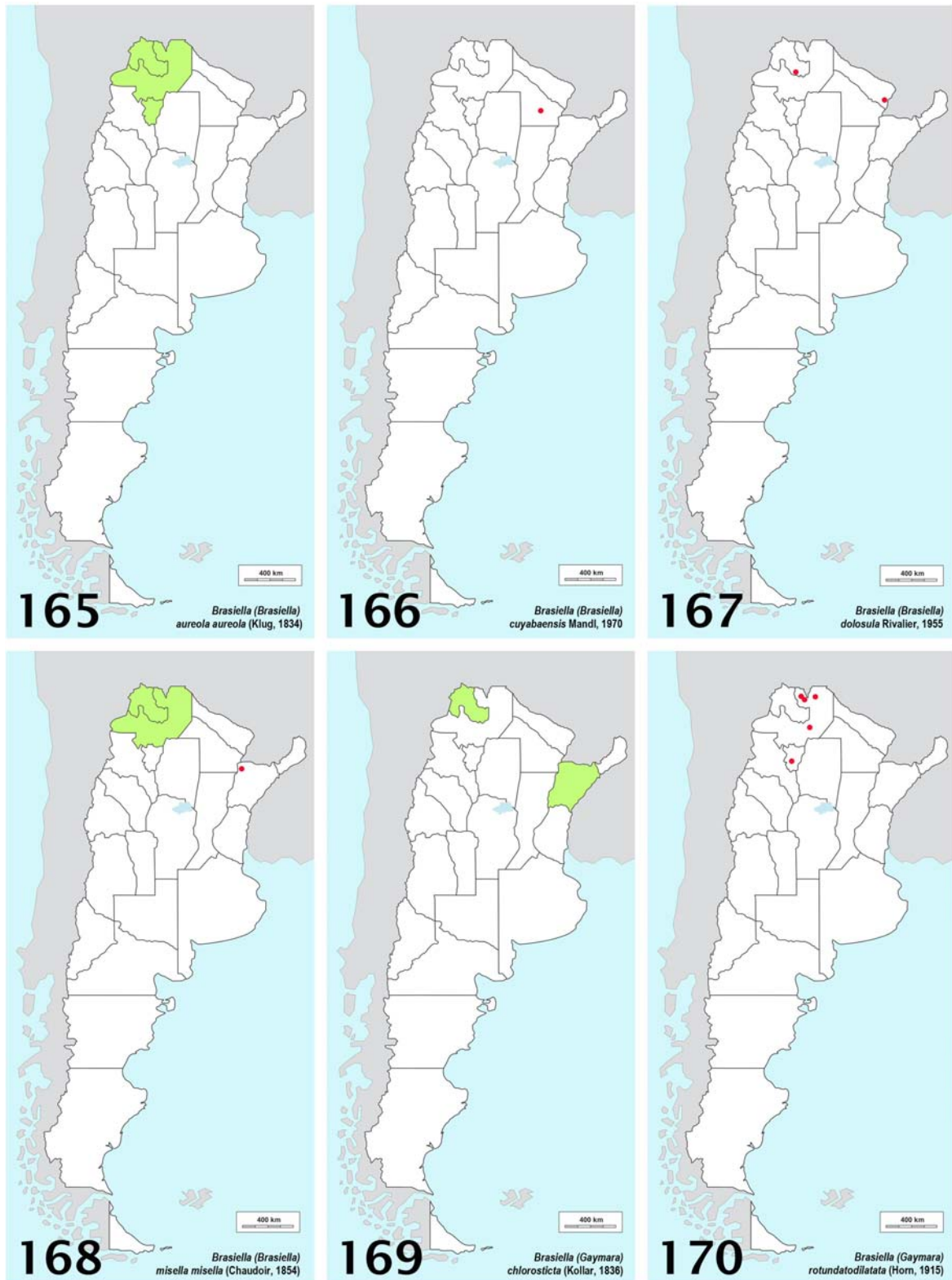
Figures 147-152. Distribution maps. **147)** *Cylindera (Plectographa) mixtula* (Horn, 1915). **148)** *Cylindera (Plectographa) ritsemæ* (Horn, 1895). **149)** *Cylindera (Plectographa) drakei drakei* (Horn, 1892). **150)** *Cylindera (Plectographa) drakei pseudochiloleuca* (Horn, 1908). **151)** *Cylindera (Plectographa) drakei latifascia* (Sumlin, 1979). **152)** *Cylindera (Plectographa) melaleuca melaleuca* (Dejean, 1831).



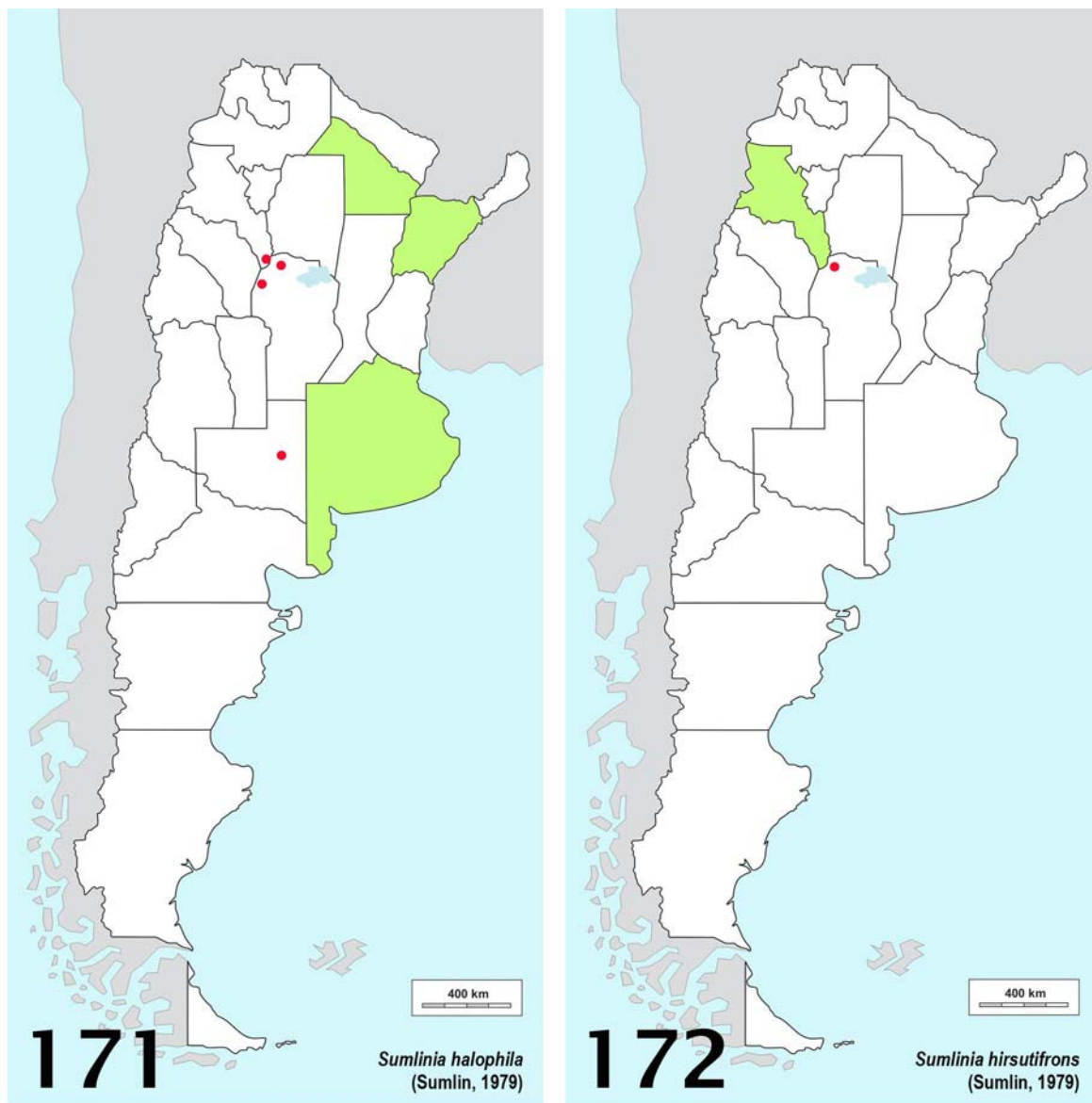
Figures 153-158. Distribution maps. **153)** *Cylindera (Plectographa) patagonica patagonica* (Brullé, 1837). **154)** *Cylindera (Plectographa) patagonica cherubim* (Chevrolat, 1858). **155)** *Cylindera (Plectographa) patagonica bergiana* (Horn, 1895). **156)** *Cylindera (Plectographa) gormazi* (Reed, 1871). **157)** *Cylindera (Plectographa) chubuti* Cassola, 1999. **158)** *Cylindera (Plectographa) chiliensis* (Audouin and Brullé, 1839).



Figures 159-164. Distribution maps. **159)** *Cylindera (Plectographa) apiata apiata* (Dejean, 1825). **160)** *Cylindera (Plectographa) stamatovi* (Sumlin, 1979). **161)** *Cylindera (Plectographa) eugeni* (Laporte de Castelnau, 1834). **162)** *Brasiella (Brasiella) obscurovata* Sumlin, 1993. **163)** *Brasiella (Brasiella) argentata argentata* (Fabricius, 1801). **164)** *Brasiella (Brasiella) obscurella* (Klug, 1829).



Figures 165-170. Distribution maps. **165** *Brasiella (Brasiella) aureola aureola* (Klug, 1834). **166** *Brasiella (Brasiella) cuyabaensis* Mandl, 1970. **167** *Brasiella (Brasiella) dolosula* Rivalier, 1955. **168** *Brasiella (Brasiella) misella misella* (Chaudoir, 1854). **169** *Brasiella (Gaymara) chlorosticta* (Kollar, 1836). **170** *Brasiella (Gaymara) rotundatodilatata* (Horn, 1915).



Figures 171-172. Distribution maps. **171)** *Sumlinia halophila* (Sumlin, 1979). **172)** *Sumlinia hirsutifrons* (Sumlin, 1979).