

Caribbean Crickets by D. Otte and D. Perez-Gelabert: Corrections and Synonymies and a Note on the Type of *Grylloides greeni* Chopard (Orthoptera: Grylloidea)

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A number of mistakes were made in the publication: Otte and Perez-Gelabert, 2009, *Caribbean Crickets*, Publications on Orthopteran Diversity, The Orthopterists' Society Publications, 792 pp. Corrections are provided here.

Repository of types

All types from Florida, labelled as "University of Florida" or "University of Florida Collection" or "Florida State Collection" — are deposited in the Florida State Collection of Arthropods, Gainesville.

P. 37—*Gryllus mandevillus* Otte and Perez-Gelabert is here placed as a synonym of *Gryllus jamaicensis* Walker 2009 as follows:

Gryllus jamaicensis Walker 2009

Gryllus jamaicensis Walker T. J. 2009. In Weissman, T. J., Walker and D. A. Gray. The field cricket *Gryllus assimilis* and two new sister species (Orthoptera: Gryllidae). *Ann. Ent. Soc. Amer.* 102(3): 373. Holotype male, Jamaica, Hanover Parish, north of Negril (California Academy of Sciences, San Francisco)

Gryllus mandevillus Otte and Perez-Gelabert 2009. *Caribbean Crickets*. Publications on Orthopteran Diversity, 792 pp. Holotype male. #2942. Jamaica, Mandeville (Academy of Natural Sciences, Philadelphia). **NEW SYNONYM.**

P. 46—*Geogryllus nesion* Otte and Perez-Gelabert

Change type data to: *Type.*— Holotype male. #tw034. Jamaica, St Andrew Parish, near Clydesdale, ca. 4000 feet, 17 June 1970, #2 (TJ Walker et al) (Florida State Collection of Arthropods, Gainesville).

P. 47—*Geogryllus chledos* Otte and Perez-Gelabert

Change type data to: *Type.*— Holotype male. #tw008. Jamaica. St. Thomas Parish, Bath Fountain, 1300 ft, 14 June 1970. #2. (TJ Walker et al) (Florida State Collection of Arthropods, Gainesville).

P. 48 — *Geogryllus jamaicensis* Otte and Perez-Gelabert

Change type data to: *Type.*— Holotype male. #8-13. Jamaica: Portland Parish, Comfort Castle, 9 August 1985 (T. J. Walker) (Florida State Collection of Arthropods, Gainesville).

P. 138—*Anaxipha sinktrilla* Otte and Perez-Gelabert

Change type data to: *Type.*— Holotype male. #05-047. Jamaica: St. Ann Parish, St Ann's Bay, 21 Nov 1968, 1200 feet, coll. #2 (TJ Walker) (Florida State Collection of Arthropods, Gainesville).

P. 140—*Anaxipha ainigma* Otte and Perez-Gelabert

Change month from vi to xi.

P. 140—*Anaxipha rico* Otte and Perez-Gelabert

Change type depository to Florida State Collection of Arthropods, Gainesville.

P. 254—*Antillicharis cresbios* Otte and Perez-Gelabert

Holotype is deposited in Florida State Collection of Arthropods, not Academy of Natural Sciences, Philadelphia

P. 254—*Antillicharis xouthos* Otte and Perez-Gelabert

Change type data to: *Type*.— Holotype male. #tw070. Jamaica: Portland Parish, near Hardwar Gap, 23 November 1968 coll #1 TJ Walker (Florida State Collection of Arthropods, Gainesville)..

P. 254—*Antillicharis sibilans* (Saussure) n. comb.

Specimens of this species examined in Caribbean Crickets include the following specimens, all from the Florida State Collection of Arthropods, Gainesville: 2 males, 1 female: Puerto Rico, south of Corozo (Pta Jaguey, 12 January 1969, coll #1, T. J. Walker and P. C. Drummond; 2 males: Virgin Islands, St. Croix, northwest shore, West Pond, 24 January 1969, Coll. #5, TJ Walker and PCDrummond, tw082.

P. 257—The genus name *Walkerella* Otte and Perez-Gelabert, being preoccupied by *Walkerella* Westwood, is replaced with a new name, and the species previously under that genus are put under the new name as follows:

WALKERANA Otte and Perez-Gelabert, New Name

Type species: *Walkerana enstates* (Otte and Perez-Gelabert)

Walkerella Otte and Perez-Gelabert, 2009, Caribbean Crickets, p. 257. Type species:

Walkerella enstates Otte and Perez. Preoccupied by *Walkerella* Westwood, 1883, Transactions of the Entomological Society of London 1883:29-47 (Hymenoptera: Pteromalidae).

Walkerana clandestina (Otte and Perez-Gelabert) new combination

Walkerella clandestina Otte and Perez-Gelabert, 2009, Caribbean Crickets, p. 257.

Holotype male. #2843. Dominican Republic: Hato Mayor, Parque Los Haitises, 3 km N of Cueva de Arena, 7 July 1992 (Academy of Natural Sciences, Philadelphia). New combination, genus name preoccupied by *Walkerella* Westwood 1883.

Walkerana enstates (Otte and Perez-Gelabert) new combination

Walkerella enstates Otte and Perez-Gelabert, 2009, Caribbean Crickets, p. 257. Holotype

male. #2407. RD-014 - 18.i.02 Down from Monteada Nueva, Barahona Prov., by the road, 970 m, 261-199 mE 2005-848 m (D. Otte, D. Perez, R. Bastardo, S. Medrano, B. Hierro) (Academy of Natural Sciences, Philadelphia). New combination, genus name preoccupied by *Walkerella* Westwood 1883.

Walkerana mira (Otte and Perez-Gelabert) new combination

Walkerella mira Otte and Perez-Gelabert, 2009, Caribbean Crickets, p. 257. Holotype

male. #2815. Dominican Republic: RD-162 - Rio Limpio, Elías Piña Prov., around house, 19°14.685'N 71°31.991'W, 781 m, 24-25.vii.2003 (D. Perez, R. Bastardo, B. Hierro) (Academy of Natural Sciences, Philadelphia). New combination, genus name preoccupied by *Walkerella* Westwood 1883.

Walkerana pedetes (Otte and Perez-Gelabert) new combination

Walkerella pedetes Otte and Perez-Gelabert, 2009, Caribbean Crickets, p. 258. Holotype male. #2816. Dominican Republic: RD-142 - Cortico, Monteada Nueva, cloud forest, Barahona Prov., 18°06.657'N 71°13.583'W, 1,433 m, 5.vii.2003 (D. Perez, R. Bastardo, B. Hierro) (Academy of Natural Sciences, Philadelphia). New combination, genus name preoccupied by *Walkerella* Westwood 1883.

Walkerana ochleros (Otte and Perez-Gelabert) new combination

Walkerella ochleros Otte and Perez-Gelabert, 2009, Caribbean Crickets, p. 258. Holotype male. #2501. Dominican Republic: RD-022 - 28-30.i.02 La Sal, Reserva Científica, Ebano Verde, La Vega Prov., 1010 m, 19°04.42'N 70°34.18'W (D. Perez, R. Bastardo, B. Hierro) (Academy of Natural Sciences, Philadelphia). New combination, genus name preoccupied by *Walkerella* Westwood 1883.

Walkerana vexans (Otte and Perez-Gelabert) new combination

Walkerella vexans Otte and Perez-Gelabert, 2009, Caribbean Crickets, p. 258. Holotype male. #2442. Dominican Republic: RD-127 - Diferencia, 1 km from caseta, PNAB, Santiago Prov., 750 m, 19°16.080'N 71°02.763'W, 8.iv.2003 (D. Perez, R. Bastardo, B. Hierro) (Academy of Natural Sciences, Philadelphia). New combination, genus name preoccupied by *Walkerella* Westwood 1883.

Walkerana timens (Otte and Perez-Gelabert) new combination

Walkerella timens Otte and Perez-Gelabert, 2009, Caribbean Crickets, p. 258. Holotype male. #2435. Dominican Republic: RD-21 - 26-27.i.02 Arroyazo, Reserva Científica Ebano Verde, La Vega Prov., 990 m, 19°02.27'N 70°32.64'W (D. Perez, R. Bastardo, B. Hierro) (Academy of Natural Sciences, Philadelphia). New combination, genus name preoccupied by *Walkerella* Westwood 1883.

Walkerana encollos (Otte and Perez-Gelabert) new combination

Walkerella encollos Otte and Perez-Gelabert, 2009, Caribbean Crickets, p. 258. Holotype male. #2391. Dominican Republic: RD-42 - Arroyazo, Reserva Científica Ebano Verde, La Vega Prov., 19°01.945'N 70°32.593'W, 9-10.vii.2002, 3,500 ft. (D. Perez, B. Hierro, R. Bastardo) (Academy of Natural Sciences, Philadelphia). New combination, genus name preoccupied by *Walkerella* Westwood 1883.

Walkerana rhapsodicus (Otte and Perez-Gelabert) new combination

Walkerella rhapsodicus Otte and Perez-Gelabert, 2009, Caribbean Crickets, p. 258. Holotype male. #2400. Dominican Republic: RD-130 - 5 km NE dirt rd off km 41 Carretera Duarte, San Cristóbal Prov., 285 m, 18°42.863'N 70°10.307'W, 12.iv.2003 (D. Perez, R. Bastardo, B. Hierro) (Academy of Natural Sciences, Philadelphia).

Walkerana tinniens (Otte and Perez-Gelabert) new combination

Walkerella tinniens Otte and Perez-Gelabert, 2009, Caribbean Crickets, p. 258. Holotype male. #2827. Dominican Republic, Independencia, Sierra de Bahoruco, Loma del Toro, 18°17.16N 71°42.46W, 2310 m, 7 Nov 2002 (Perez et al) (Academy of Natural Sciences, Philadelphia). New combination, genus name preoccupied by *Walkerella* Westwood 1883.

P. 260—*Alexandrina pisina* Otte and Perez-Gelabert

The species *Alexandrina pisina* is omitted from Figure 186. It should be included in the box for Puerto Rico. The legend on the lower left corner of the figure shows the name *Alexandrella*. This should be changed to *Alexandrina*.

- P. 264—*Carylla vaginalis* (Sauss.) n. comb.
Remove words “see type data” following “Puerto Rico” under Distribution.
- P.264—*Carylla tenebrans* Otte and Perez-Gelabert
Change type data to: *Type*.— Holotype male, #tw071. Puerto Rico. Boca de Cangrejos (near San Juan). 23 Jan 1969. Coll #1 (Walker and Drummond) (Florida State Collection of Arthropods, Gainesville).
- P. 395—Figure 318 refers to *Antillicharis grylloides*. This should be changed to *Antillicharis anactorios*.
- P. 482—*Tafalisca gnophos* Otte and Perez-Gelabert
Under *Tafalisca gnophos* the figure numbers should be changed from 415 to 412.
- P. 484—*Tafalisca lineatipes* Bruner / Figs 416, 417, 418
Under *Tafalisca lineatipes* the figure numbers should read: 416, 417, 418. Omit 419B.
- P. 484—*Tafalisca lineatipes* Bruner / Figs 416, 417, 418
Under *Tafalisca lineatipes* the figure numbers should read: 416, 417, 418. Omit 419B.
- P. 484—*Tafalisca eleuthera* Otte and Perez-Gelabert
Change type depository to Florida State Collection of Arthropods, Gainesville.
Under Recognition figure number should be 419B, not 419C.
- P. 490—Type species of genus *Bofana* should be *Bofana mirifica* Otte and Perez-Gelabert
- P. 491—*Paroecanthus otaros* Otte and Perez-Gelabert
Change type data to: *Type*.— Holotype male. #TW063. Jamaica, St. Catherine Parish, Worthy Park, 1200 feet, 18 November 1968, T. J. Walker #1 (Florida State Collection of Arthropods, Gainesville).
- P. 491—*Paroecanthus hwinanus* Otte and Perez-Gelabert
Change type data to: *Type*.— Holotype male. #TW065. Jamaica, St Catherine Parish, Worthy Park, 1200 feet, 13 June 1970, #3 (TJ Walker et al.) (Florida State Collection of Arthropods, Gainesville).
- P. 545—*Nemobiopsis eratos* Otte and Perez-Gelabert
Change type depository to Florida State Collection of Arthropods, Gainesville.
- P. 580—*Amphiacusta cinctipes* (F. Walker)
Under the heading TYPE change “Holotype male” to “Exemplar male”.
- P. 581—*Amphiacusta grenauta* Otte and Perez-Gelabert
Under the heading TYPE change “Exemplar male” to “Holotype male”.
Under Distribution: change to Florida State Collection of Arthropods, Gainesville.
- P. 581—*Amphiacusta barbadense* Otte and Perez-Gelabert
Change type depository to Florida State Collection of Arthropods, Gainesville.
- P. 587—*Amphiacusta abatos* Otte and Perez-Gelabert
Change type depository to Florida State Collection of Arthropods, Gainesville.

- P. 589—*Amphiacusta dominica* Otte and Perez-Gelabert
Change type depository to Florida State Collection of Arthropods, Gainesville.
- P. 589—*Amphiacusta kittisia* Otte and Perez-Gelabert
Change type depository to Florida State Collection of Arthropods, Gainesville.
- P. 669—*Uvaroviella arrugia* Otte and Perez-Gelabert
Change type data to: *Type*.— Holotype male. #TW006. Jamaica. Clarendon Parish, Portland Cave, 100 ft; 19 June 1970. #1, T. J. Walker (Florida State Collection of Arthropods, Gainesville).
- P. 671—*Uvaroviella cavea* Otte and Perez-Gelabert
Change type data to: *Type*.— Holotype male. #TW007. Jamaica. St. Thomas Parish, Bath Fountain, 1300 ft, 14 June 1970. #1 (Walker)(Florida State Collection of Arthropods, Gainesville).
- P. 678—*Cophella azumai* Otte and Perez-Gelabert
Change type data to: *Type*.— Holotype male. Jamaica, St Thomas Parish, Bath Fountain, 14 June 1970, #1, TJ Walker et al (Florida State Collection of Arthropods).
- P. 679—*Cophus caymani* Otte and Perez-Gelabert
Change type data to: *Type*.— Holotype male. #tw116. Grand Cayman: 0.5 km S of Old Man Bay cave in banana plantation; 27 April 1980 (JJ Belwood) (Florida State Collection of Arthropods, Gainesville).
- P. 729—Figure 621 refers to both male and female.

NOTE ON THE TYPES OF *GRYLLODES SUPPLICANS*
AND *G. GREENI* (GRYLLIDAE)

A male specimen of *Grylloides greeni* Chopard, 1925, in the Natural History Museum in London bears the label: Neotype / *Grylloides supplicans*. This label and the designation of a neotype by Otte is incorrect because there exists a female holotype of *G. supplicans*. The label should read: "Lectotype / *Grylloides greeni*." *Grylloides greeni* Chopard is a junior synonym of *G. supplicans* (Walker). It is the only known male of *Grylloides supplicans*. Differences between its genitalia and those of *Grylloides sigillatus* (Walker) is the basis for considering *G. supplicans* and *G. sigillatus* to be distinct species (Otte D. 2006, Trans. Amer. Entomol. Soc. 132(1-2): 223.

The type data given in Orthoptera Species File for *Grylloides supplicans* (Walker) should indicate that there is a female holotype in the Natural History Museum, London. And the data given for *Grylloides greeni* Chopard should indicate that there is a male lectotype in the Natural History Museum, London.