

Studies on Neotropical Pieridae (Part 3)
Specimens of *Itaballia* KAYE, 1904 in the collection of
Muséum National d'Histoire Naturelle, Paris

(Lepidoptera, Papilionoidea, Pieridae)

by

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The genus *Itaballia* was described by KAYE (1904: 204) with *Pieris pandosia* HEWITSON, 1853 originally designated as a type species. *Itaballia* ranges throughout Central and South America. The genus consists of 3 species (*demophile*, *marana* and *pandosia*). Until now the following names associated with the genus have been introduced (listed here alphabetically):

- amathonte* CRAMER, 1777 (De uitlandsche Kapellen voorkomende in de drie Waereld-Deelen Asia, Africa en America. II. Deel. Beschrijving van Plaat XCVII–CXCII: 29, Pl. 116: Figs A, B [female]). Type locality: Demerara.
- calydonia* BOISDUVAL, 1836 (Histoire Naturelle des Insectes. Species Général des Lépidoptères 1: 439). Type locality: Colombia.
- centralis* JOICEY & TALBOT, 1928 (New forms of Rhopalocera in the Hill Museum. – Bull. Hill Mus. 2 (1): 21). Type locality: Guatemala: Quiriqua: 4,000–5,000feet.
- charopus* FRUHSTORFER, 1907a (Verzeichnis des von Herrn Dr. THEODOR KOCH-GRÜNBERG am oberen Waupes 1903–1905 gesammelten Rhopalocera mit Besprechung verwandter Arten. – Stett. ent. Ztg 68 (2): 274). Type locality: Waupes.
- demophile* LINNAEUS, 1763 (Centuria Insectorum Rariorum: 23). Type locality: “‘Indiis’ [South America]” (HONEY & SCOBLE, 2001: 318).
- huebneri* FRUHSTORFER, 1907a (Verzeichnis des von Herrn Dr. THEODOR KOCH-GRÜNBERG am oberen Waupes 1903–1905 gesammelten Rhopalocera mit Besprechung verwandter Arten. – Stett. ent. Ztg 68 (2): 275). Type locality: Rio de Janeiro.
- kicaha* REAKIRT, [1864] (Notes on Central American Lepidoptera with descriptions of new species. – Proc. ent. Soc. Philad. 2 (3): 349). Type locality: Honduras.
- leptalina* BATES, 1861 (Contributions to an insect fauna of the Amazon Valley... – J. Entomology 1 (4): 236). Type locality: S. Paulo.
- lucania* FRUHSTORFER, 1907b (Neue südamerikanische Pieriden. – Soc. ent. 22 (16): 123). Type locality: Peru: Cuzco.
- ludovica* FRUHSTORFER, 1907c (Neue *Perrhybris* aus der *pandosia*-Gruppe. – Int. ent. Z. 1 (38): 287). Type locality: Peru.
- magna* FRUHSTORFER, 1907a (Verzeichnis des von Herrn Dr. THEODOR KOCH-GRÜNBERG am oberen Waupes 1903–1905 gesammelten Rhopalocera mit Besprechung verwandter Arten. – Stett. ent. Ztg 68 (2): 276). Type locality: Honduras, Colombia.
- marana* DOUBLEDAY, 1844 (Descriptions of some new Species of Butterflies in the Collection of the British Museum. – Ann. Mag. nat. Hist. (1) 14: 421). Type locality: Guayaquil.
- minthe* FRUHSTORFER, 1907b (Neue südamerikanische Pieriden. – Soc. ent. 22 (16): 123). Type locality: Ecuador: Sarayacu, Coca.

- molphea* CRAMER, 1777 (De uitlandsche Kapellen voorkomende in de drie Waereld-Deelen Asia, Africa en America. II. Deel. Beschrijving van Plaat XCVII–CXCI: 29, Pl. 116: Fig. C [female]). Type locality: Essequibo.
- mustica* FRUHSTORFER, 1907b (Neue südamerikanische Pieriden. – Soc. ent. 22 (16): 123). Type locality: Bolivia.
- nimietes* FRUHSTORFER, 1907a (Verzeichnis des von Herrn Dr. THEODOR KOCH-GRÜNBERG am oberen Waupes 1903–1905 gesammelten Rhopalocera mit Besprechung verwandter Arten. – Stett. ent. Ztg 68 (2): 275). Type locality: Bahia.
- niphates* FRUHSTORFER, 1907a (Verzeichnis des von Herrn Dr. THEODOR KOCH-GRÜNBERG am oberen Waupes 1903–1905 gesammelten Rhopalocera mit Besprechung verwandter Arten. – Stett. ent. Ztg 68 (2): 275). Type locality: Para.
- niseias* FRUHSTORFER, 1907a (Verzeichnis des von Herrn Dr. THEODOR KOCH-GRÜNBERG am oberen Waupes 1903–1905 gesammelten Rhopalocera mit Besprechung verwandter Arten. – Stett. ent. Ztg 68 (2): 275–276). Type locality: Paraguay.
- notistriga* BUTLER & DRUCE, 1872 (Descriptions of new genera and species of Lepidoptera from Costa Rica. – Cistula Entomologica 1 (5): 111). Type locality: Costa Rica.
- ophelia* FRUHSTORFER, 1907c (Neue *Perrhybris* aus der *pandosia*-Gruppe. – Int. ent. Z. 1 (38): 287). Type locality: Peru.
- pandosia* HEWITSON, 1853 (Illustrations of new species of exotic Butterflies... 1, *Pieris* II: Fig. 12). Type locality: Venezuela.
- psonis* HEWITSON, 1861 (Illustrations of new species of exotic Butterflies... 2, *Pier.* 6: Figs 40–41). Type locality: N. Granada.
- sabata* FRUHSTORFER, 1907c (Neue *Perrhybris* aus der *pandosia*-Gruppe. Int. ent. Z. 1 (38): 287). Type locality: Colombia.

This publication is part of the results of my research visit to Laboratoire d'Entomologie, Muséum National d'Histoire Naturelle, Paris during 6–31 October 2003. A revision of the butterfly collection there allowed to find material of all the three known *Itabalia* species, as is seen below.

Itaballia demophile (LINNAEUS, 1763)

Material examined: Amazone Supérieur: (1911, O. STAUDINGER, coll. BOULLET): 1 ♀; Amerique Méridionale (HUMBOLDT): 1 ♂; BOLIVIA: (1912, LEO FRANK, coll. BOULLET): 1 ♂; Chivé: Madre de Dios: 200 m (1912, Cap. MAILLES): 1 ♂; BRAZIL: 1 ♂; Bahia: 1 ♂, 2 ♀♀; (1901, H. FRUHSTORFER, Coll. BOULLET): 2 ♂♂, 1 ♀; Pernambuco: 1 ♂, 1 ♀; Rio Grande do Sul (1912, LEO FRANCK, coll. BOULLET): 1 ♂; Sta. Catarina (1912, LEO FRANCK, coll. BOULLET): 1 ♀; COLOMBIA: (1912, LEO FRANK, coll. BOULLET): 1 ♂; Bogota (1936): 1 ♂; San Juan de Cordova (1909, MAYOL GRESOL): 1 ♀; Villavicencio: 400 m (coll. FASSL): 1 ♀; COSTA RICA: S. José (IV.94): 1 ♂; GUATEMALA: Coban (1882, H. DE ZURKHEIM, coll. BOULLET): 1 ♂; GUYANA (1911, Doncaster, coll. BOULLET): 1 ♀; FRENCH GUIANA: (1850): 1 ♂, 1 ♀; (1909, J. GENNEL): 2 ♂♂; 2 ♀♀; Cayenne (1936, H. MORCAZ): 1 ♀; St Laurent du Maroni (1905, E. LE MOULT, coll. BOULLET): 1 ♂; NICARAGUA: 1 ♂; (1853, M. DE LESTRE): 2 ♂♂; PERU: Rio Pangoa: 600 m (1911, W. ROSENBERG, coll. BOULLET): 2 ♂♂; SURINAME: Zona et Maroni (1909): 2 ♂♂; VENEZUELA: (1912, LEO FRANCK, coll. BOULLET): 1 ♂; (MAYEUL GRISOL): 1 ♂; (P. GEAY): 5 ♀♀; Naricual (1885, Mr. CHAPER): 2 ♂♂.

Itaballia marana (DOUBLEDAY, 1844)

Material examined: ECUADOR: Santa Rosa (1911, W. ROSENBERG, coll. BOULLET): 1 ♂; Santo-Domingo de los Colorados (1930, R. BENOIST): 28 ♂♂, 12 ♀♀; (1931, R. BENOIST): 5 ♂♂.

Itaballia pandosia (HEWITSON, 1853)

Material examined: Amazone Supérieur: (1911, O. STAUDINGER, coll. BOULLET): 1 ♂, 1 ♀; BOLIVIA: Madre de Dios de la Cordilliere à la foret... San Carlos Heath (19.VI.1913, Cap. Mr. MAILLES et VUICENT): 1 ♂; COLOMBIA: Jimenez: 1600' (IV.1907, W. ROSENBERG, coll. BOULLET): 2 ♂♂; Los Mangos: 1000' (XII.1908, W. ROSENBERG, coll. BOULLET): 1 ♂; Rio Daguá: 500 m (coll. FASSL): 2 ♂♂; San Juan de Cordova (1909, MAYOL GRISOL): 1 ♂; COSTA RICA: 1 ♂; (1911, H. DONCKIER, coll. BOULLET): 1 ♂; (1912, H. DONCKIER, coll. BOULLET): 2 ♂♂; HONDURAS: San Pedro Sula (1901, H. FRUHSTORFER, coll. BOULLET): 3 ♂♂; PERU: Contamano, Rio Ucayali, 400' (X-XII.1912, W. ROSENBERG, coll. BOULLET): 1 ♂; Ob. Madre de Dios: 500-1200 m (coll. FASSL): 2 ♂♂; Rio Colorado: 2000' (VIII.1903, DONCASTER, coll. BOULLET): 1 ♂; Yahuar Mayo: 1200 m (X-XII.1910, W. ROSENBERG, coll. BOULLET): 1 ♂; VENEZUELA: Las Guiguas, Estreban Valley (1913, W. ROSENBERG, coll. BOULLET): 2 ♂♂.

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