

Genus *Luthrodes* Druce, 1895 Jewel Blues

Druce, 1895. *Proc. Zool. Soc. Lond.* **1895** (3): 576. Type species: *Polyommatus cleotas* Guérin-Méneville, 1831.

= *Edales* Swinhoe, 1910. *See* Balint & Johnson, 1997. *Neue Entomologische Nachrichten* **40**: 7 (1-67) and Talavera *et al.*, 2013: 188.

= *Lachides* Nekrutenko, 1984. *See* Balint & Johnson, 1997. *Neue Entomologische Nachrichten* **40**: 7 (1-67) and Talavera *et al.*, 2013: 188.

The genus *Luthrodes* belongs to the Family Lycaenidae Leach, 1815; Subfamily Polyommatinae Swainson, 1827; Tribe Polyommatini Swainson, 1827; Subtribe Polyommatina Swainson, 1827. The other genera in the Subtribe Polyommatina in the Afrotropical Region are *Freyeria* and *Chilades*.

Luthrodes (**Jewel Blues**) is an Afrotropical, Palearctic and Oriental genus containing 10 species. Three species occur in the Afrotropical region. The Afrotropical species are *galba*, *pandava* and *parrhasius*. The extralimital species are: *L. boopis* (Fruhstorfer, 1897), *L. buruana* (Holland, 1900), *L. cleotas* (Guérin-Méneville, 1831), *L. contracta* (Butler, 1880), *L. ella* (Butler, 1881), *L. mindora* (Felder & Felder, 1865) and *L. peripatria* (Hsu, 1989).

**Luthrodes galba* (Lederer, 1855) Arabian Jewel

Lycaena galba Lederer, 1855. *Verhandlungen der Zoologisch-Botanischen Vereins in Wien* **5**: 190 (177-234).

Freyeria galba (Lederer, 1855). Ackery *et al.*, 1995.

Chilades galba (Lederer, 1855). Hesselbarth *et al.*, 1995. **comb. n.**

Chilades galba Lederer, 1855. d'Abbrera, 2009: 844.

Luthrodes galba (Lederer, 1855). Talavera *et al.*, 2013: 188.

Luthrodes galba (Lederer, 1855). Williams, 2020. **comb. rev.**

Type locality: Lebanon: "Bierut [Beirut]".

Distribution: Turkey (south), Cyprus, Arabia (central and east), Iraq, Iran, Afghanistan.

Early stages: Nothing published.

Larval food: Nothing published.

**Luthrodes pandava* (Horsfield, 1829) Cycad Jewel



Cycad Blue male (*Luthrodes pandava*) male. Mauritius
Image courtesy Jeremy Dobson

Lycaena pandava Horsfield, 1829. *Cat. lep. Mus. East. Ind. Coy.* 1: 84.

Chilades pandava Horsfield, 1829. d'Abbrera, 2009: 844.

Luthrodes pandava (Horsfield, 1829). Talavera *et al.*, 2013: 188.

Luthrodes pandava (Horsfield, 1829). Williams, 2020. **comb. rev.**



Luthrodes pandava. Male. Left – upperside; right – underside.
Grand Baie, Mauritius. 15 April 2009. J. Dobson.
Images M.C. Williams ex Dobson Collection.



Luthrodes pandava. Female. Left – upperside; right – underside.
Grand Baie, Mauritius. 15 April 2009. J. Dobson.
Images M.C. Williams ex Dobson Collection.

Type locality: Sri Lanka: “?”.

Distribution: India, Sri Lanka, Japan, Madagascar, Mauritius, Reunion (Martire & Rochat, 2008), Egypt, United Arab Emirates.

The presence of this Sri Lankan species in Mauritius stems from an identification query to the Natural History Museum, London in 2000 (K. Goodger, *vide* Lees *et al.*, 2003). Lees (pers. comm., 2007) notes that it was recorded from Madagascar for the first time in 2006 and Martire & Rochat (2008) noted its presence on Reunion.

Specific localities:

Mauritius – Reduit (Williams, 2007); Grand Baie (J. Dobson, unpublished, 2009); Ramgoolam Botanical Gardens (Lawrence, 2016).

Early stages: ?

Larval food:

Cycas circinalis (Cycadaceae) [Das, 2007; India; as species of *Euchrysops*].

Cycas revoluta (Cycadaceae) (exotic?) [Lees *et al.*, 2003; Mauritius. Lees, pers. comm., 2007; Madagascar].

Relevant literature:

Feulner *et al.*, 2014 [First UAE records].

Jian *et al.*, 2011 [Studies on the antennal sensilla].

Saito *et al.*, 2009 [Colonization of Chiba Province, Japan].

Raju, 2009 [Biology in India].

Minohara & Yago, 2009 [Distribution in Japan].

Hirai, 2009 [Distribution in Japan].

Miyamoto, 2009 [Record in Japan].

Nakamine, 2009 [Records in Japan].

Anonymous, 2009 [Records in Japan].

Iwasaki, 2009 [Distribution and wintering in Miyazaki Prefecture].

Tiple, 2009 [Population dynamics and seasonal polyphenism in India].

****Luthrodes parrhasius* (Fabricius, 1793) Indian Grass Jewel**

Hesperia parrhasius Fabricius, 1793. *Entomologia Systematica emendata et aucta* **3** (1): 289 (488 pp.).

Freyeria parrhasius (Fabricius, 1793). Ackery *et al.*, 1995.

Chilades parrhasius (Fabricius, 1793). Hesselbarth *et al.*, 1995. **comb. n.**

Chilades parrhasius Fabricius, 1793. d'Abreu, 2009: 844.

Luthrodes parrhasius (Fabricius, 1793). Talavera *et al.*, 2021.

Type locality: India: "Habitat in India".

Distribution: Sri Lanka, most of India, to southern Iran, central and eastern Saudi Arabia, United Arab Emirates, Yemen, Oman.

Early stages: Nothing published.

Larval food: Nothing published.

contracta Butler, 1880 (as sp. of *Lampides*). *Proceedings of the Zoological Society of London* **1880**: 406 (403-415). India: "Rokeran, Candahar".