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## Taxonomic notes on some species of *Euselasia* Hübner, [1819] from the "Uriiformes" group, with the description of the immature stages of *Euselasia satyroides* Lathy, 1926, stat. rev. (Lepidoptera: Riodinidae: Euselasiinae)

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### Abstract

The specific status of *Euselasia satyroides* Lathy, 1926, stat. rev., currently recognized as a synonym of *Eurygona modesta* Hewitson, 1856, is reinstated, and its immature stages, reared on *Pouteria salicifolia* (Sapotaceae), are thoroughly described and illustrated. The identity of some species of the genus *Euselasia* Hübner, [1819] belonging to the "Uriiformes" species group is clarified: lectotypes are designated to *Eurygona eugeon* Hewitson, 1856, *Eurygona modesta* Bates, 1868, *Euselasia geon* Seitz, 1913, and *Euselasia satyroides* Lathy, 1926, stat. rev.; *Euselasia geon* Seitz, 1913, syn. rev. is considered a synonym of *Eurygona eugeon* Hewitson, 1856. Additionally, a taxonomic dichotomous key for the species belonging to the "Uriiformes" group is provided.

**Key words:** Neotropical, Euselasiini, *Chrysophyllum*, *Pouteria*, Sapotaceae

### Introduction

*Euselasia* Hübner, [1819] is the most species-rich genus of Riodinidae with 180 currently recognized species (Callaghan & Lamas 2004; Hall & Harvey 2004; Callaghan *et al.* 2007; Gallard 2006, 2013, 2014; Brévignon 2008; Hall & Willmott 2009). *Euselasia*, along with *Hades* Westwood, 1851 and *Methone* Doubleday, 1847—with one and two species, respectively—and the monotypic *Styx* Staudinger, 1876 and *Corrachia* Schaus, 1913, are allocated in the Euselasiinae, a non-myrmecophilous subfamily of riodinids. While some species of *Euselasia* are common, many are rare and poorly known, and many new species continue to be discovered (Hall & Willmott 1998; Hall & Harvey 2004; Callaghan *et al.* 2007; Gallard 2006, 2013, 2014; Brévignon 2008; Hall & Willmott 2009). Specimens of *Euselasia* are usually mixed in collections and are frequently misidentified, mainly due to the large number of species involved, marked sexual dimorphism and the similarity among many sibling species (Brévignon 1996).

The genus was first thoroughly revised and catalogued by Stichel (1928, 1930), who recognized 133 species. Callaghan and Lamas (2004) recognized 167 species in the genus, and thirteen species were further described and/or revalidated by Hall and Harvey (2004), Callaghan *et al.* (2007), Gallard (2006, 2013, 2014), Brévignon (2008) and Hall and Willmott (2009). Callaghan and Lamas (2004) implicitly followed the taxonomic arrangement proposed by Stichel (1928), in which *Euselasia* is divided in a series of smaller "sections" and "cohorts". The "cohort" "Uriiformes", defined around *E. uria* (Hewitson, 1853), is distinguished from other species groups of *Euselasia* by the following set of characters: five radial veins on the forewing in the male, four in the female; veins R<sub>4</sub> and R<sub>5</sub> usually very short; male wings upper side color usually dark brown, with a slight iridescent purple tinge in some species; female wings upper side color dull brown, with whitish spots or bands in some species; underside color dull brown with a darker brown transverse band; genitalia generally similar to the "Midofomes" group, but valva distally less angular or rounded; color of head and body similar to the color of wings; frons dull brown with a

immature stages of some species of *Euselasia*; Dr. Geraldo Ceni Coelho (UFFS) for identification of the host plant; Centro de Microscopia Eletrônica (CME–UFPR) for the SEM images; members of the Laboratório de Estudos em Lepidoptera Neotropical (LELN–UFPR) for additional help; and the Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq) for the fellowship granted to the authors.

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