A NEW *PSEUDODIRPHIA* FROM COSTA RICA AND PANAMA (LEPIDOPTERA: SATURNIIDAE: HEMILEUCINAE)

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**ABSTRACT.**— *Pseudodirphia lacsa* Lemaire is described from upper montane areas of Costa Rica and Panama. It is distinct from its closest relative, *Pseudodirphia biremis* (Draudt) by a combination of characters that are indicated below. Male and female are illustrated in color, genitalia figured, and taxonomic relationships discussed. The geographic distributions of *Pseudodirphia lacsa* and *Pseudodirphia biremis* are defined.

**RESUME.**— *Pseudodirphia lacsa* Lemaire est décrit du Costa Rica et de la République de Panama. Il diffère de l'espèce la plus voisine, *Pseudodirphia biremis* (Draudt) par un ensemble de caractères qui seront précisés. Le mâle et la femelle sont figurés en couleurs et leurs armures génitales représentées. La position taxonomique de l'espèce nouvelle est indiquée. Les habitats respectifs de *Pseudodirphia lacsa* et de *Pseudodirphia biremis* sont définis.

**KEY WORDS:** Amazon, Andes, Brazil, Central America, Colombia, *Dirphia*, *Dirphiopsis*, distribution, Ecuador, genitalia, Mesoamerica, Mexico, *Orniscodes*, South America, taxonomy.

*Pseudodirphia* was established by Bouvier (1928) for a group of species previously placed either in *Dirphia* Hübner or in *Orniscodes* Blanchard. It was synonymized with *Dirphiopsis* Bouvier, itself considered to be a subgenus of *Dirphia* by Michener (1952), and reinstated to full generic rank by Lemaire (1982).

There are now about 30 species in the genus. They are characterized by the outlines of the ante- and postmedial lines, and the respective positions of these lines on the forewing as shown in Fig. 1-2. The lines are white and bordered in black on both sides or the distal side. The veins are accented with yellow at the point of their intersection of the lines, which usually gives the lines a broken appearance. Other distinctive features of *Pseudodirphia* are the black antennae, which are bipectinate in the male and narrowly bidentate in the female; the female with an epiphysis; the abdomen with black rings on the dorsal side; the forewings without a graphical discal spot on the forewings (unlike *Dirphiopsis*); and the non-distinctive vague markings on the upperside of all four wings. Legs are black. Forewing slightly elongate, outer margin convex.

**Description.**— *Wingspan:* < 78-88mm, > 100mm. *Forewing length:* < 41-44mm, > 53mm. **MALE** (Fig. 1): *Antennae* black. Labial palpi dark brown, frons yellow, thorax dorsally light orange-brown and ventrally dark brown. **Wing venation:** *Hindwing:* ground color like the forewing. Hindwing postmedial line postmedial convex, proximally and distally bordered with black. Spiracles white. Forewing slightly elongate, outer margin convex. Forewing ground color yellowish-brown, more or less suffused with brown on the baso-median and postmedian areas; lines broad, the postmedial convex, proximally and distally bordered with black. Submarginal hand brown, interrupted between veins M3 and M2. Hindwing ground color like the forewing. Hindwing postmedial line whitish, broad but with little contrast. Underside of wings yellowish-brown with weak markings, usually suffused with black on the baso-median area of the forewing. **Male genitalia** (Fig. 3): *Uncus bifid,* ventral plate of the transtilla deeply posteriorly V-notched; valves short, broadly fused to the tegumen; juxta membranous, aedeagus very large. The genitalia of *Pseudodirphia lacsa* differs from *Pseudodirphia biremis* by the former having a more deeply notched ventral plate of the trans-