

Addendum to „Moths of a Small Island on the Coast of Georgia“

(Lepidoptera, Heterocera)

by

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Abstract: This note is an addendum to a faunal study published by the present author in 2004 which listed 314 moth species identified from a small salt-marsh island in McIntosh County, Georgia, USA. Since that time 62 additional species have been found and are listed herewith (HYATT, 2004).

Zusammenfassung: Diese Arbeit ergänzt die faunistische Artenliste der Lepidoptera von einer kleinen Salzmarsch-Insel des McIntosh Countys, Georgia, USA von 2004 um 62 neu nachgewiesene Arten (HYATT, 2004).

Introduction: HYATT (2004) published the results of a 10-year faunal study of the moths of Kittles Island, a small island surrounded by salt marsh located in McIntosh County, Georgia, USA. Moth sampling has been continued at the study site since that publication and this note is intended to document the additional species found since 2004.

Study Site and Methods: The study site and sampling methods were described fully by HYATT (2004) and remained unchanged for the duration of this study.

Results and Discussion: During the period 2005-2010, 62 moth species were collected which had not been found during the original 10 year study period on Kittles Island. Of these 62 species, 17 were not found by R. DOMINICK at his mainland coastal study site at McClellanville, South Carolina (WALLACE & VOGT, 2003). The present work brings the observed moth fauna of Kittles Island to a total of 376 species, of which 62 (16%) appear to be absent at DOMINICK's study site. The Kittles Island moth fauna totals only about 35% of the number of species found by DOMINICK at McClellanville. This is probably due to the limited size of the sampling area and the rigors imposed on the site by the saline environment, absence of fresh water marshes, and occasional severe droughts.

List of Species

Family Sesiidae

Synanthedon pictipes (GROTE & ROBINSON, 1868). September. Not reported by DOMINICK.

Family Tortricidae

Epiblemma grossbecki (HEINRICH, 1923). October. Not reported by DOMINICK.

Cydia toreuta (GROTE, 1873). October. Not reported by DOMINICK.

Archips argyrospila (WALKER, 1863). May. Not reported by DOMINICK.

Sparganothis lamberti (FRANCLEMONT, 1886). September. Not reported by DOMINICK.

Platynota flavedana CLEMENS, 1860. March.

Family Zygaenidae

Harrisina americana (GUERIN, 1829). May.

Family Crambidae

Munroessa gyralis (HULST, 1886). May.

Aethiophysa consimilis MUNROE, 1964. July.

Epicorsia oedipodalis (GUENÉE, 1854). August. Not reported by DOMINICK.

Pyrausta bicoloralis (GUENÉE, 1854). July.

Diasemiopsis leodocusalis (WALKER, 1859). September.

Anageshna primordialis (DYAR, 1907). March.

Donacaula aquilella (CLEMENS, 1860). April. Not reported by DOMINICK.

Donacaula nitidella (DYAR, 1917). May, August. Not reported by DOMINICK. (Fig. 1)

Donacaula spec. nov. MARTINEZ (in press). March-Nov. Not reported by DOMINICK.

Argyria critica (FORBES, 1829). August. Not reported by DOMINICK.

Chilo demotellus WALKER, 1866. July-August. Not reported by DOMINICK.

Family Pyralidae

Parachma ochracealis WALKER, 1866. July-September.

Galasa nigrinodis (ZELLER, 1873). May.

Etiella zinckenella (TREITSCHKE, 1832). August.

Dioryctria clarioalis (WALKER, 1863). October.

Melitara prodenialis WALKER, 1863. July.

Family Geometridae

Euchlaena pectinaria ([DENIS & SCHIFFERMÜLLER], 1775). April.

Hethemia pitasciaria (GUENÉE, 1857). July.

Family Saturniidae

Hyalophora cecropia (LINNAEUS, 1758). May.



Fig. 1: *Donacaula nitidella* (DYAR, 1917), USA: Georgia, McIntosh County, Kittles Isl., 14.IV.2006, leg. J. HYATT.

Family **Sphingidae**

Dolba hyloeus (DRURY, 1773). May. (Fig. 2)

Isoparce cupressi (BOISDUVAL, 1875). March.

Family **Notodontidae**

Hyparpax aurora (J. E. SMITH, 1797). September. (Fig. 3)

Family **Erebidae**

Dasychira basiflava (PACKARD, 1864). May.

Dasychira obliquata (GROTE & ROBINSON, 1866). May, September.

Not reported by DOMINICK. (Fig. 4)

Clemensia albata PACKARD, 1864. March.

Virbia laeta (GUERIN, 1832). September.

Haploa clymene (BROWN, 1776). August.

Tetanolita floridana (J. B. SMITH, 1895). February.

Bleptina inferior GROTE, 1872. April-July.

Renia fraternalis J. B. SMITH, 1895. March-July.

Hypena baltimoralis (GUENÉE, 1854). April.

Hypsoropha hormos HÜBNER, 1818. July.

Catocala piatrix GROTE, 1864. July.

Catocala delilah STRECKER, 1874. May. Not reported by DOMINICK.

Catocala andromedae GUENÉE, 1852. May.

Catocala mira GROTE, 1876. May. Not reported by DOMINICK.

Cutina albopunctella WALKER, 1866. May.

Cutina distincta (GROTE, 1883). May. Not reported by DOMINICK.

Argyrostromis anilis (DRURY, 1773). May.

Zale declarans (WALKER, 1858). April.

Zale calycanthata (J. E. SMITH, 1797). March-April.

Zale horrida HÜBNER, 1818. April.

Family **Euteliidae**

Marathyssa basalis WALKER, 1865. March.

Family **Nolidae**

Meganola miniscula (ZELLER, 1872). March-July.

Baileya australis (GROTE, 1881). September. Not reported by DOMINICK.

Family **Noctuidae**

Acronicta tritona (HÜBNER, 1818). October.

Psaphida resumens WALKER, 1875. March.

Eudryas unio (HÜBNER, 1827-31). July.

Heliothis virescens (FABRICIUS, 1777). September.

Callopietria mollissima (GUENÉE, 1852). July.

Callopietria cordata (LJUNGH, 1825). July.

Phosphila turbulenta HÜBNER, 1818. September.

Spodoptera exigua (HÜBNER, 1803-8). July.

Amphipoea americana (SPEYER, 1875). May. Not reported by DOMINICK.

Agrotis venerabilis WALKER, 1857. November.



Fig. 2: *Dolba hyloeus* (DRURY, 1773), USA: Georgia, McIntosh Co., Kittles Isl., 20.V.2005, leg. J. HYATT.



Fig. 3: *Hyparpax aurora* (J. E. SMITH, 1797), USA: Georgia, McIntosh County, Kittles Island, 11.IX.2010, leg. J. HYATT



Fig. 4: *Dasychira obliquata* (GROTE & ROBINSON, 1866), USA: Georgia, McIntosh County, Kittles Island, 18.V.2005, leg. J. HYATT.

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References

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