

3. *Diludia lichenea*.

Macrosila lichenea, Walk. Cat. viii. p. 204¹.

Diludia lichenea, Butler, Trans. Z. S. ix. p. 614².

Hab. MEXICO, Cordova (*Höge*).—BRAZIL^{1 2}.

The Mexican example agrees well with the type in the British Museum.

SPHINX.

Sphinx, Linnæus, Syst. Nat. i. 2, p. 796 (1766).

Seventeen species are included in this genus, which is widely distributed over the globe.

1. *Sphinx leucophæata*.

Sphinx leucophæata, Clemens, Journ. Ac. Phil. 1859, p. 168¹; Butl. Trans. Z. S. ix. p. 618².

Hab. MEXICO², Oaxaca (*Hartweg*).

I have not seen Clemens's species; but, from the description, should judge it to be the same as *S. lugens*. This opinion is shared by Mr. H. Strecker, who says, in his 'Lepidoptera Rhopalocera and Heterocera,' that it is quite unknown to American entomologists.

2. *Sphinx lugens*.

Sphinx lugens, Walk. Cat. viii. p. 219¹.

Sphinx andromedæ, Boisd. Lep. Guat. p. 74².

Hab. MEXICO, near the city (*Höge*), Oaxaca¹ (*Hartweg*); BRITISH HONDURAS².

Mr. Butler says of this insect—"Although coming from the same locality as the preceding, and very like it in its general characters, I believe this species to be quite distinct. It is altogether shorter, broader, and darker, and has the pale bars of secondaries much narrower and whiter." I think it very doubtful whether Clemens's species is distinct; the specimens of *S. lugens* I have examined in the Oxford Museum vary to some extent.

3. *Sphinx justiciæ*.

Sphinx justiciæ, Walk. Cat. viii. p. 220¹.

Sphinx merops, Boisd. Lep. Guat. p. 73².

Hab. MEXICO², Cordova (*Rümeli*); BRITISH HONDURAS²; COSTA RICA, Irazu (*Rogers*); PANAMA, Chiriqui (*Ribbé*; *Arcé, mus. D.*).—BRAZIL, Rio¹.

This is a common species in Central America, but becomes scarce south of Panama. Through the kindness of Mons. C. Oberthür I have had an opportunity of examining Boisdual's type of *S. merops*, and find that it must without doubt be referred to *S. justiciæ*.

4. *Sphinx lanceolata*.

Sphinx lanceolata, Feld. Reise d. Nov. Lep. t. 78. f. 3¹.

Hab. MEXICO¹; GUATEMALA¹.

I have never seen a specimen of this fine species.