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INCLUDING

ZOOLOGY, BOTANY, AND GEOLOGY.

(BEING A CONTINUATION OF THE 'ANNALS' COMBINED WITH LOUDON AND  
CHARLESWORTH'S 'MAGAZINE OF NATURAL HISTORY'.)

CONDUCTED BY

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XL.—*Descriptions of twenty-three new Species of Hesperidæ from his own Collection.* By W. C. HEWITSON.

*Cyclopides Eburones.*

Alis anticis supra fuscis immaculatis, infra macula tripartita apicali alba.

Upperside dark uniform brown.

Underside dark brown, irrorated with white. Anterior wing with a large trifold white spot near the anal angle, and above it towards the apex three indistinct pale spots.

Exp.  $1\frac{1}{20}$  inch.

Bolivia (*Buckley*).

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*Cyclopides Ligilla.*

Alis supra fuscis: anticis macula tripartita media maculaque subapicali hyalinis: posticis macula media magna flava: anticis infra margine costali et postico rufis: posticis rufis, maculis nonnullis flavis.

Upperside dark brown. Anterior wing with a large trifold central spot, and one near the apex also trifold, both transparent yellow. Posterior wing with a large central spot and the fringe yellow.

Underside. Anterior wing as above, except that the costal and outer margins are rufous yellow, and that there is a pale yellow spot near the apex and one on the outer margin; below less distinct. Posterior wing rufous, with several yellow spots—one from the base, one on the costal margin, a large central square spot, two between it and the inner margin, a trifold spot at the apex, and one or two near the outer margin.

Exp.  $1\frac{3}{10}$  inch.

*Cyclopides Eryonas.*

Alis utrinque fuscis: anticis supra maculis tribus hyalinis flavis: posticis macula media fulva: anticis infra fascia quadripartita subapicali flava: posticis macula basilari, macula media maculisque quatuor submarginalibus flavis.

Upperside dark brown. Anterior wing marked by three transparent spots—one at the centre bifid, one outside of this, and one near the apex minute and bifid. Posterior wing with a central orange-yellow spot.

Underside dark brown. Anterior wing as above, except that the central spot is extended towards the inner margin and that there is a quadrifid band of orange-yellow near the apex. Posterior wing with several yellow spots—one at the base, one in the centre (as above, but larger), and a submarginal band of spots; those at the apex and anal angle larger than the other two.

Exp.  $1\frac{1}{10}$  inch.

Hab. Chiriqui (*Ribbé*).

*Cyclopides Evages.*

Alis utrinque fuscis: anticis maculis quinque (macula subapicali trifida) hyalinis flavis: posticis macula magna media fulva.

Upperside dark brown. Anterior wing with five transparent pale yellow spots—one in the cell, three forming a

longitudinal band, and one (trifid) near the apex. Posterior wing with a large central semitransparent orange-yellow spot.

Underside as above, except that the two spots of the band of the anterior wing nearest the inner margin are united in one.

Exp.  $1\frac{1}{10}$  inch.

Hab. Bolivia (*Buckley*).

### *Cyclopides Oxaites.*

Alis utrinque fuscis : anticis maculis tribus hyalinis albis : posticis macula magna media flava : posticis infra macula media superna maculisque octo flavis.

Upperside dark brown. Anterior wing with three transparent white spots—one (bifid) large and central, one near the apex (trifid), and one below it. Posterior wing with a central large pale yellow spot.

Underside as above, except that the anterior wing has some suffused pale spots near the apex ; that the posterior wing has a spot near the base, a spot near the apex, and four or five smaller submarginal spots all pale yellow.

Exp.  $1\frac{1}{20}$  inch.

Hab. Bolivia (*Buckley*).

### *Cyclopides Diraspes.*

Alis supra fuscis : ambabus macula media fulva : alis infra, anticis apice, posticis omnino flavis.

Upperside dark brown. Both wings marked by a central spot of yellow.

Underside. Anterior wing dark brown, with the base, a central band, and the apex and outer margin pale yellow.

Posterior wing pale yellow.

Exp.  $1\frac{1}{10}$  inch.

*Hab.* Rio de Janeiro.

*Cyclopides Orsines.*

Alis supra fuscis: anticis maculis septem (macula subapicali trifida):  
posticis maculis quatuor: posticis infra rufis, fasciis duabus rufo-  
fuscis.

Upperside dark brown; the fringe rufous. Anterior wing with seven pale yellow spots—one near the inner margin before the middle, one in the cell, four forming a longitudinal band, and one near the apex trifid. Posterior wing with four pale yellow spots—one before the middle, and three (one bifid, one minute) forming a transverse band below the middle.

Underside. Anterior wing with the spots as above, the base yellow, the apex rufous. Posterior wing rufous, crossed transversely by two bands of darker colour, bordered with dark brown.

Exp.  $1\frac{1}{10}$  inch.

*Cyclopides Calaon.*

Alis rufo-fuscis: anticis punctis quinque hyalinis flavis: posticis maculis duabus, fascia maculari transversa fimbriaque flavis: posticis subtus rufis, macula fasciisque duabus albis.

Upperside rufous-brown. Anterior wing with five transparent yellow spots—one in the cell, two between the median nervules, one (bifid) near the inner margin, and one subapical (trifid). Posterior wing with a spot on the costal margin, an

oblong spot in the cell, a short transverse macular band, and the fringe rufous.

Underside. Anterior wing as above, except that the base and apex are rufous-yellow. Posterior wing rufous-brown, with an oblong spot in the cell, and a transverse band of spots below it bordered with black, both white; two spots on the costal margin and a band of pale yellow near the outer margin.

Exp.  $1\frac{5}{10}$  inch.

*Hab.* Ecuador (*Buckley*).

This species belongs to the *Paniscus* group.

### *Cyclopides Chersias.*

Alis rufo-fuscis fimbria flava: anticis maculis quatuor magnis: posticis una aurantiaco-flava: alis infra flavis margine interno