

Project Update: June 2013

The Monte Iberia plateau at the Alejandro de Humboldt National Park (AHNP) was visited in April and June of 2013. A total of 152 butterflies and moths grouped in 22 families were recorded.

In total, 31 species of butterflies belonging to five families were observed, all but two new records to area (see list below). Six species and 12 subspecies are Cuban endemics, including five endemics restricted to the Nipe-Sagua- Baracoa.

In total, 108 species of moths belonging to 17 families were registered, including 25 endemic species of which five inhabit exclusively the NSB Mountains (see list below).

In total, 52 butterflies and endemic moth species were photographed to be included in a guide of butterflies and endemic moths inhabiting Monte Iberia. Vegetation types sampled were the evergreen forests, rainforest, and charrascals (scrub on serpentine soil) at both north and southern slopes of Monte Iberia plateau

Sixteen butterfly species were observed in transects. Park authorities were contacted in preparation on a workshop to capacitate park staff.

Butterfly and moth species recorded at different vegetation types of Monte Iberia plateau in April and June of 2013. Symbols and abbreviations: ***- Nipe-Sagua-Baracoa endemic, **- Cuban endemic species, *- Cuban endemic subspecies, F- species photographed, vegetation types: DV- disturbed vegetation, EF- evergreen forest, RF- rainforest, CH- charrascal.

"BUTTERFLIES"

PAPILIONIDAE

Papilioninae

Heraclides pelaus atkinsi *F/EF/RF
Heraclides thoas oviedo *F/CH
Parides g. gundlachianus **F/EF/RF/CH

HESPERIIDAE

Hesperiinae

Asbolis capucinus F/RF/CH
Choranthus radians F/EF/CH
Cymaenes tripunctus EF
Perichares p. philetas F/CH

Pyrginae

Burca cubensis ***F/RF/CH
Ephyriades arcas philemon F/EF/RF
Ephyriades b. brunnea F/EF/RF
Phocides pigmalion batabano EF
Proteides mercurius sanantonio *EF

RIODINIDAE

Dianesia carteri ramsdeni *F/EF/RF/CH

PIERIDAE

Coliadinae

Pyrisitia d. dina *F/EF/RF
Pyrisitia lisa euterpe F/EF/RF/CH

Dismorphiinae

Dismorphia cubana **F/EF/RF

Pierinae

Glutophrissa drusilla poeyi F/RF/CH
Melete salacia cubana *F/EF/RF/CH

NYMPHALIDAE

Biblidinae

Dynamine egaea calais *F/EF
Lucinia s. sida *F/EF
Marpesia chiron F/EF
Marpesia e. eleuchea *F/EF

Charaxinae

Archaeoprepona demophon crassina *F/RF

Danainae

Lycorea halia demeter *F/RF

Heliconiinae

Agraulis vanillae insularis F/CH

Dryas iulia nudeola *F/RF/CH
Heliconius charithonia ramsdeni F/RF

Nymphalinae

Atlantea perezi *F/EF

Satyrinae

Calisto brochei ***F/EF
Calisto israeli ***F/EF/RF/CH
Calisto occulta ***F/EF/RF/CH

"MOTHS"

PSYCHIDAE

Naryciinae

Kearfottia sp. **F/CH

ATTEVIDAE

Atteva gemmata F/CH

ELACHISTIDAE

Depressariinae

Gonionota bruneri **F/CH
Gonionota rosacea CH

Ethmiinae

Ethmia abraxasella clarissa CH
Ethmia confusella CH
Ethmia submissa CH
Ethmia termenalbata **F/CH

LIMACODIDAE

Leucophobetron argentifluu **F/CH

THYRIDIDAE

Striglininae

Banisia myrsusalis CH

CRAMBIDAE

Crambinae

Crambus moeschleralis
Parapediasia detomatella

Odontiinae

Cliniodes paradisalis (Möschler, 1886)

Pyraustinae

Diacme mopsalis CH
Diaphania elegans CH
Eulepte concordalis CH
Eulepte gastralis CH
Hymenia perspectalis CH
Lygropia tripunctata EF/CH
Maruca vitrata CH
Microthyris anomalis CH
Microthyris prolongalis CH
Omiodes indicata CH
Phaedropsis impeditalis **F/CH
Prenesta quadrifenestralis CH
Salbia cassidalis CH
Synclera jarbusalis CH

PYRALIDAE

Chrysauginae

Murgisca subductellus CH

Epipaschiinae

Carthara abrupta CH
Deuterollyta majuscula CH

Gallerinae

Omphalocera cariosa CH

SEMATURIDAE

Mania lunigeraria CH

URANIIDAE

Uraniinae

Urania boisduvalii **F/EF/CH

GEOMETRIDAE

Ennominae

Epimecis scolopaiae CH

Iridopsis divisata CH

Iridopsis idonearia CH

Iridopsis rufisparsa **F/CH

Leucula simplicaria EF/CH

Lomographa angelica CH

Oenoptila paluma **F/CH

Oxydia vesulia transponens CH

Phrygionis auriferaria CH

Prochoerodes exiliata **F/CH

Sericoptera virginaria CH

Sphacelodes vulneraria CH

Thysanopyga apicitruncaria CH

Geometrinae

Nemoria lixaria CH

Larentiinae

Disclisioprocta stellata CH

Psaliodes subochreofusa CH

DOIDAE

Doa cubana **F/CH

SPHINGIDAE

Macroglossinae

Cautethia fideli ***CH

Isognathus rimosa CH

Pachyliodes resumens CH

Pseudosphinx tetrio CH

Sphinginae

Cocytius vitrinus ***F/CH

NOTODONTIDAE

Dudusinae

Antillisa lucedia **F/CH

Antillisa toddi ***F/CH

Heterocampinae

Heterocampa baracoana **F/CH

Misogada pallida **F/CH

Nystaleinae

Lepasta bractea CH

EREBIDAE

Anobinae

Baniana relapsa EF

Arctiinae

Apistosia humeralis **RF

Calidota strigosa CH

Carathis alayorum **F/CH

Correbidia terminalis CH

Cosmosoma auge CH

Empyreuma pugione CH

Eucereon guacolda CH

Eunomia insularis **F/CH

Halysidota cinctipes CH

Lophocampa atomosa CH

Lymire albipennis CH

Nelphe carolina CH

Phoenicoprocta capistrata CH

Robinsonia formula CH

Syntomeida sp.***F/CH

Tricypha proxima CH

Virbia heros **F/CH

Calpinae

Gonodonta incurva CH
Plusiodonta clavifera CH

Erebinae

Euclystis angularis CH
Hemeroblemma opigena CH
Thysania zenobia CH
Zale peruncta incipiens CH

Eublemminae

Eublemma cinnamomea CH

Eulepidotinae

Coenobela paucula EF
Dyomyx inferior CH
Dyomyx juno CH
Epitausa coppri EF

Herminiinae

Compsenia gracillima **F/CH
Compsenia insulalis **F/CH
Drepanoplapia lunifera CH
Hypenula miriam **F/CH

Lymantriinae

Eloria cubana ***F/EF

Phytometrinae

Mursa phtisialis CH
Hemeroplanis zayasi CH

EUTELIIDAE

Stictopterinae

Nagara vitrea CH

NOLIDAE

Chloephorinae

Iscadia furcifera CH

Nolinae

Nola bistriga CH

Nola cereella CH

Nola cubensis **F/CH

NOCTUIDAE

Amphypirinae

Paratrachaea berylloides CH

Condicinae

Condica sutor CH

Eriopinae

Callopistria floridensis EF

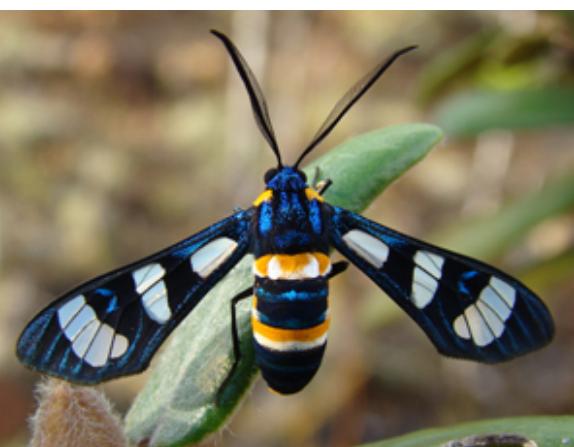
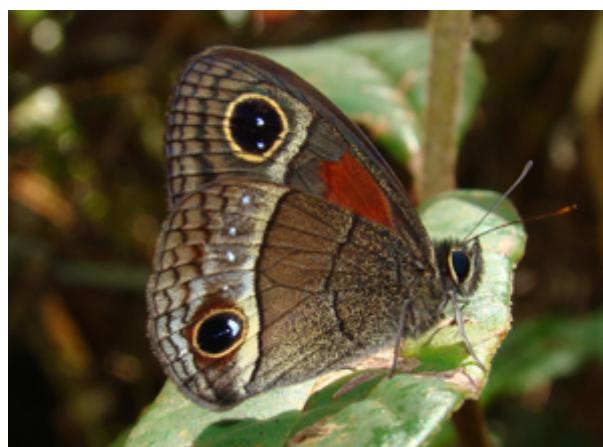
Callopistria jamaicensis CH

Noctuinae

Gonodes trapezoides CH

Magusa orbifera CH

Mamestra soligena CH



Left: *Calisto brochei*, endemic butterfly restricted to the Nipe-Sagua-Baracoa mountains, at Monte Iberia. Right: *Syntomeida* sp., undescribed Arctiinae moth endemic of the Nipe-Sagua-Baracoa mountains.