

## 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. philetus 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 egea 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 perezii \*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 argentiflua \*\*F/CH

#### THYRIDIDAE

##### Striglininae

Banisia myrsusalis CH

## CRAMBIDAE

Crambinae

Crambus moeschleralis  
Parapediasia detomatella

Odontiinae

Cliniodes paradialis (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 anormalis 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

Phrygonis 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

### Macroglosiinae

Cautethia fideli \*\*\*CH

Isognathus rimosa CH

Pachyliodes resumens CH

Pseudosphinx tetrio CH

Sphinginae

Cocytius vitrinus \*\*\*F/CH

NOTODONTIDAE

Dudusinae

Antillisa lucedra \*\*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

Apistosa 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 junco CH  
Epitausa coppryi EF

## Herminiinae

Compsenia gracillima \*\*F/CH  
Compsenia insulalis \*\*F/CH  
Drepanoplafia lunifera CH  
Hypenula miriam \*\*F/CH

## Lymantriinae

Eloria cubana \*\*\*F/EF

## Phytometrinae

Mursa phtisialis CH  
Hemeroplanis zayasi CH

## EUTELIIDAE

## Stictopterinae

Nagara vitrea CH

## NOLIDAE

Chloeophorinae

Iscadia furcifera CH

Nolinae

Nola bistriga CH

Nola cereella CH

Nola cubensis \*\*F/CH

NOCTUIDAE

Amphypirinae

Paratrachaea berylloides CH

Condicinae

Condica sutor CH

Eriopinae

Callopietria floridensis EF

Callopietria 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.