

Reserva natural de las aves El Dorado

Santa Marta, Magdalena, Colombia

Coordenadas: 11° 08' 31.17" N - 74° 07' 07.95" O

Altitud min-max: 950 - 2600 metros

Familias y subfamilias de mariposas

Las mariposas se clasifican en seis familias que agrupan especies con características comunes.

Hesperiidae

Esta familia de mariposas primitivas tiene como característica las antenas con ganchito en la parte final. Tienen cabeza y cuerpo grueso y muchas tienen colores oscuros o cañes. 4 subfamilias.



Eudaminae
Spreadwing skippers



Pyrginae
Spreadwing skippers



Pyrginae
Firetips



Heteropterinae
Skipperlings



Hesperiinae
Grass Skippers

Butterfly families and subfamilies

The butterflies are classified into six families comprising species with common characteristics.

Skippers

Mostly small with stout bodies, fast fliers, skipping or zipping flight. Many are brown or dark, drab colors. A large family, about 30% of all butterflies. Eudaminae and Pyrginae sit with wings spread open, Heteropterinae often sit with wings closed, Hesperiinae often sit in jet plane position. 4 subfamilies.

Papilionidae

Mariposas grandes, muchas con colas. Vuelan con fortaleza y les gusta posarse en pantanos o zonas húmedas moviendo constantemente las alas. La mayoría son negras con rayas amarillas o negras con parches rojos en las alas posteriores.

Las antenas tienen la parte final engrosada y curvada.



Papilioninae



Swallowtails



Swallowtails

Mostly large butterflies, many with tails. Strong fliers, they like to mudpuddle on wet dirt with constantly moving, quivering wings. They are mostly black with yellow stripes or black with red patches on the hindwings (Parides).

The antenna is bulky and curved at the end????.

Pieridae

La mayoría de pieridas son amarillas, blancas o naranja, aunque hay algunas negras. Las pieridas visitan flores y son comunes en jardines, pero las dismorphias prefieren los bosques sombreados. Tienen 3 subfamilias.



Dismorphiinae
Mimic-Whites



Pierinae



Whites



Coliadinae



Sulphurs

Whites and sulphurs

Mostly white, yellow or orange, but some are black. Whites and Sulphurs like flowers and are often in gardens, but Dismorphiinae like the shaded forest. They have 3 subfamilies.

Riodinidae

La mayoría de riodinidos se encuentran en tierras bajas, es una familia con mucha variedad. Muchas tienen manchas metálicas y se posan por debajo de las hojas. Algunas tienen colas. Tienen dos subfamilias.

Metalmarks

More species are found in the lowlands. This is the most varied family; they can come in many shapes, sizes and colors. Some have tails, many do not. Some genera sit with wings closed, some with wings open. They pose under the leaves. They have 2 subfamilies.



Euselasiinae Metalmarks



Riodininae



Metalmarks



Lycaenidae

En general los licénidos son mariposas pequeñas, muchas tienen colas pequeñas para distraer a los predadores. Son difíciles de ver pues muchas viven en el docel. A menudo son azules al abrir las alas. Tienen 2 subfamilias.

Hairstreaks and blues

Hairstreaks often have tails, but not always. This is the least common of the 6 families, often in the canopy and hard to see. Small butterflies, often brilliant blue above. They have 2 subfamilies.



Polyommatinae Blues



Theclinae



Hairstreaks

Nymphalidae

Las nifálidas solo tienen 4 patas visibles, las otras 2 están acortadas y cerca a la cabeza como escobas. Es la familia más abundante y representa 40% del total. Tiene 10 subfamilias.

Brushfoots

Only show 4 walking legs, the front 2 legs are held up close to the head, like brushes. This is the largest family, about 40%, many subfamilies.



Heliconiinae
Longwings



Nymphalinae
Brushfoots Crescents



Limenitidinae
Sisters



Charaxinae
Leafwings



Apaturinae
Emperors



Satyrinae
Satyrs, Morphos



Danainae
Clearwings



Danainae
Monarchs



Cyrestinae
Daggerwings



Biblidinae
Tropicals

Hesperiidae

Skippers

Eudaminae

Spreadwing Skippers

Se posan con las alas abiertas, muchas tienen colas y puntos o rayas en las alas delanteras.

Sit with wings open, many have tails and spots or stripes on the forewing.



Astraptes chiriquensis chiriquensis



Astraptes chiriquensis chiriquensis



Astraptes chiriquensis chiriquensis



Astraptes fulgerator fulgerator



Astraptes fulgerator fulgerator



Astraptes fulgerator fulgerator



Astraptes fulgerator fulgerator



Astraptes fulgerator fulgerator



Astraptes fulgerator fulgerator



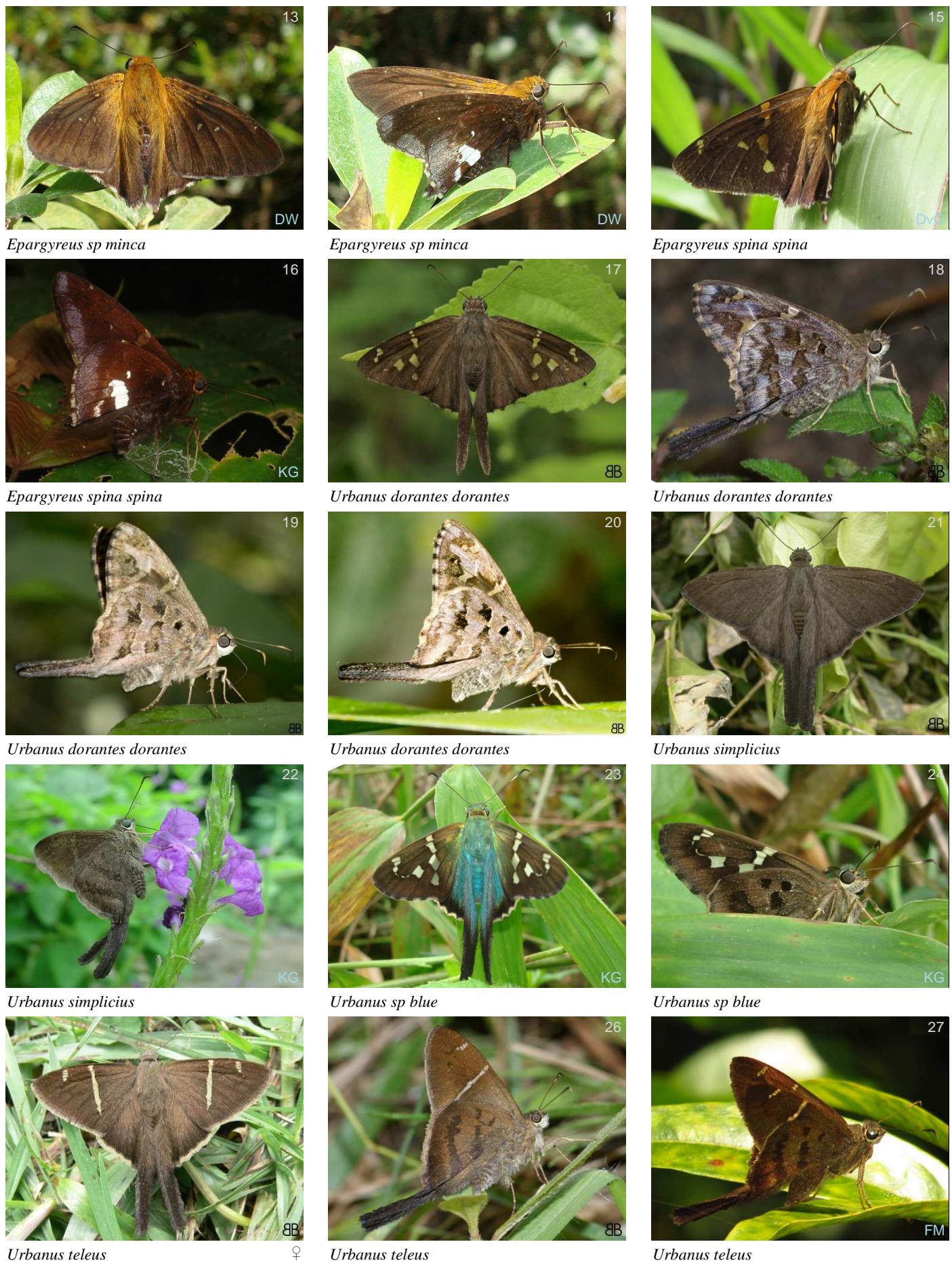
Autochton zarex



Autochton zarex



Autochton zarex





Urbanus viterboana



Urbanus viterboana



Urbanus viterboana

Pyrginae

Spreadwing Skippers

Se posan con las alas abiertas, en la tribu Pyrrhopigine muchos tienen punta roja en el abdomen.

Tribe Pyrrhopygini/Golf-club Skippers or Firetips – sit with wings open, some have red tips to abdomen. Tip of antennae bent over at 90 degree angle, like a golf club. Powerful fliers, strong bodies and wings, can buzz you. Some very colorful.

Other spr



Mimardaris aerata



Mimardaris aerata



Mimardaris aerata



Mylon cajus cajus



Mylon cajus cajus



Mylon cajus cajus



Mylon lassia



Mylon lassia



Sostrata bifasciata leucorrhoa



Sostrata bifasciata leucorrhoea



Sostrata bifasciata leucorrhoea



Sostrata bifasciata leucorrhoea



Sostrata bifasciata leucorrhoea



Theagenes albiplaga



Theagenes albiplaga



Theagenes albiplaga



Theagenes albiplaga



Achlyodes pallida



Achlyodes pallida



Achlyodes pallida



Eantis thraso



Eantis thraso



Eantis thraso



Eantis thraso



Ouleus fridericus



Ouleus fridericus



Ouleus fridericus



Ouleus fridericus



Ouleus fridericus



Staphylus vulgata

Heteropterinae

Skipperlings

The Dallas – most sit with forewings up, like grass skippers. Often have large gold or orange patterns on underside. Found on wet dirt at higher elevations, some very high. Not in the lowlands. Many very confusing species.



Dalla mesoxantha



Dalla mesoxantha



Dalla mesoxantha



Dalla mesoxantha



Dalla mesoxantha



Dalla mesoxantha



Dalla mesoxantha



Dalla mesoxantha



Dalla sp pedro snlrnzo

Hesperiinae

Grass Skippers

Sit in 'jet plane' position, with forewings straight up and hindwings out flat. Many are orange and black, or brown. Many can only be separated by genitalic dissection. Small butterflies, some like flowers in gardens, some like shaded forest.



Orphe gerasa



Saliana triangularis



Saliana triangularis



Saliana triangularis



Callimormus radiola radiola



Cymaenes trebius



Cymaenes trebius



Cymaenes trebius



Cymaenes trebius







Vettius coryna coryna



Vettius coryna coryna



Vettius marcus



Vettius marcus



Vettius marcus



Poanes inimica



Poanes inimica



Poanes inimica



Poanes inimica



Thespies othna tinka



Thespies othna tinka



Thespies othna tinka



Thespies othna tinka



Thespies tihoneta ovallei



Thespies tihoneta ovallei



Thespieus tihoneta ovallei



Thespieus tihoneta ovallei



Thespieus tihoneta ovallei



Thespieus tihoneta ovallei



Thespieus tihoneta ovallei



Thespieus tihoneta ovallei



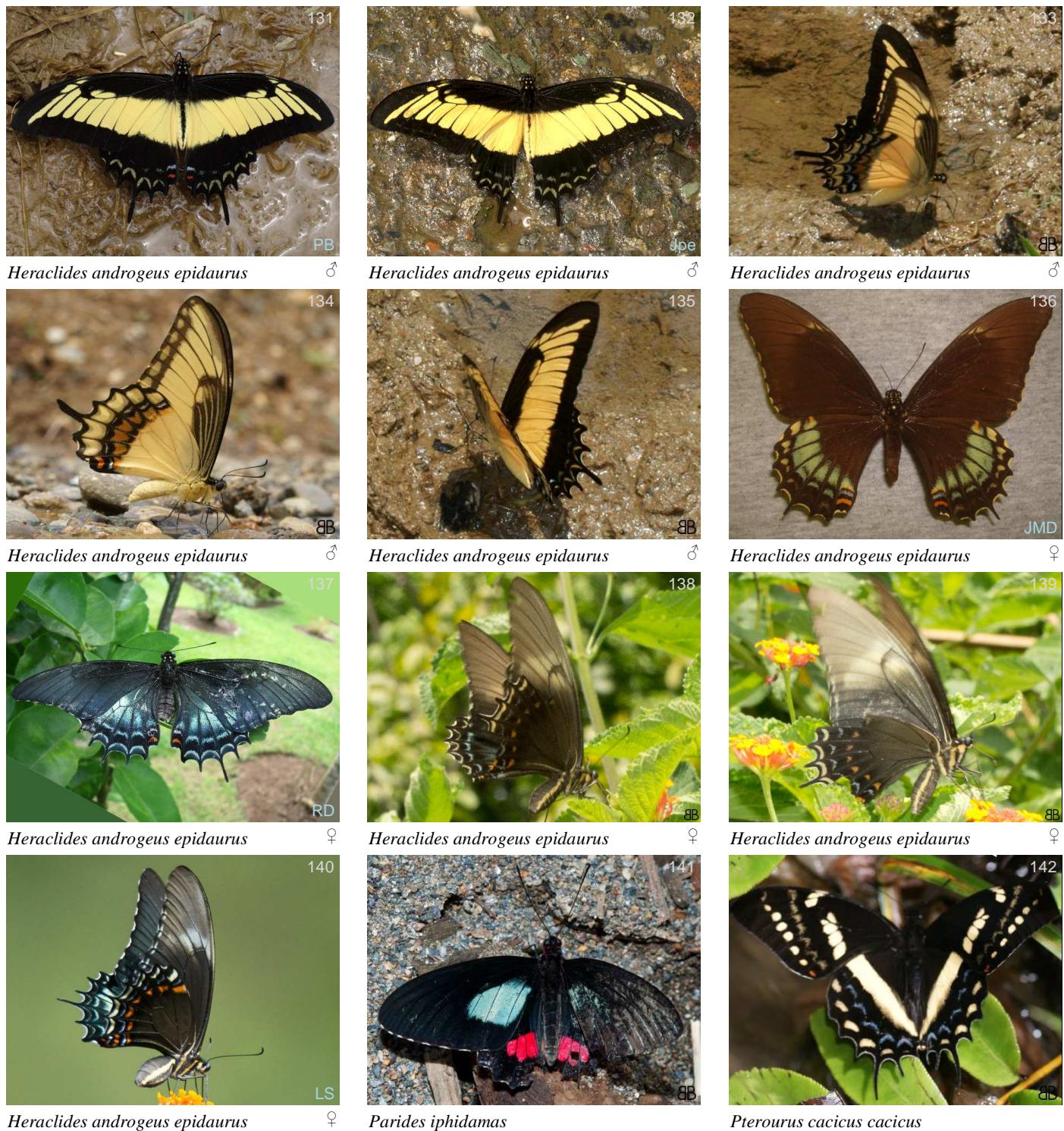
Thespieus tihoneta ovallei

Papilionidae

Swallowtails

Papilioninae

Swallowtails





Pterourus cacicus cacicus



Pterourus cacicus cacicus

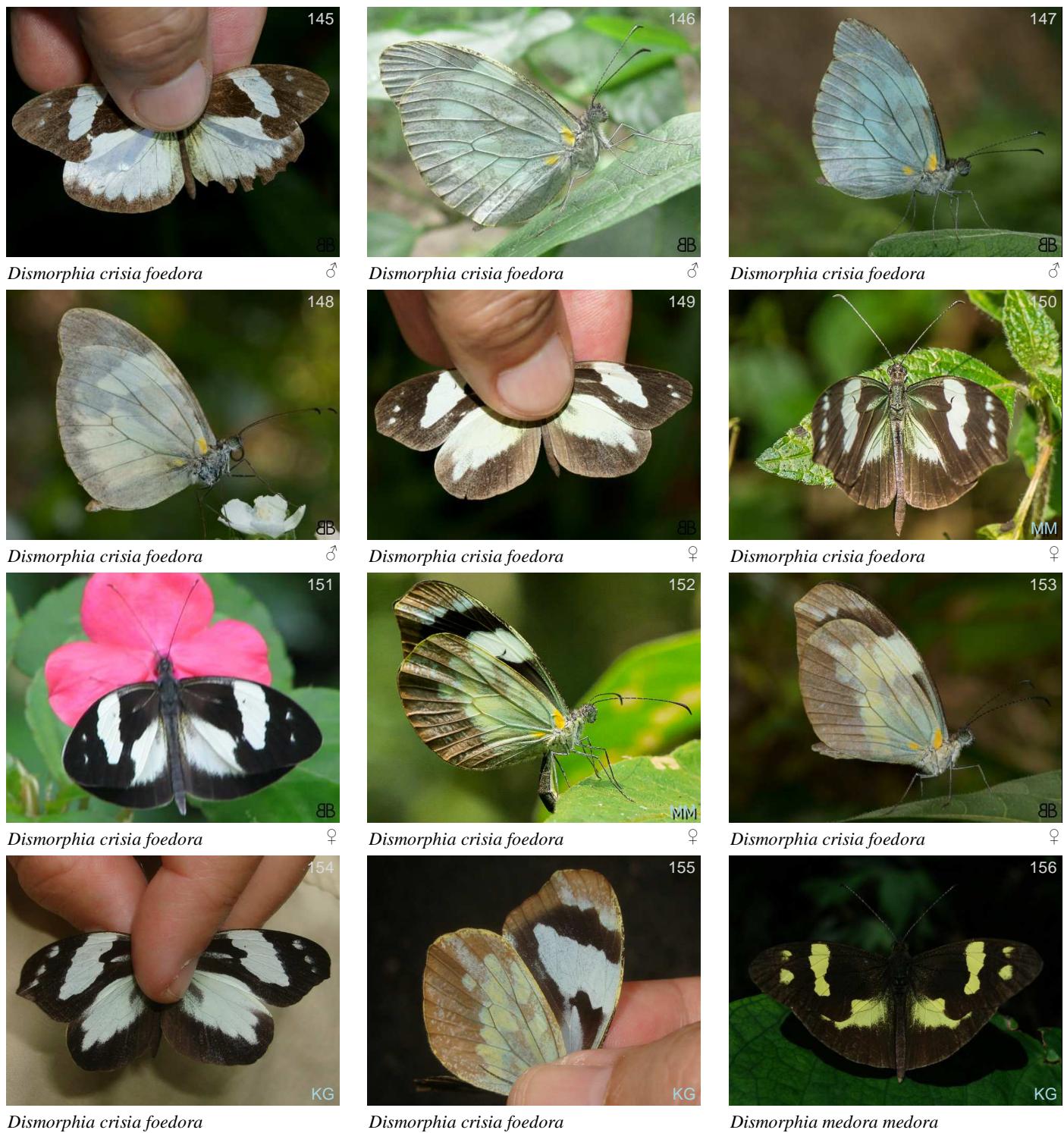
Pieridae

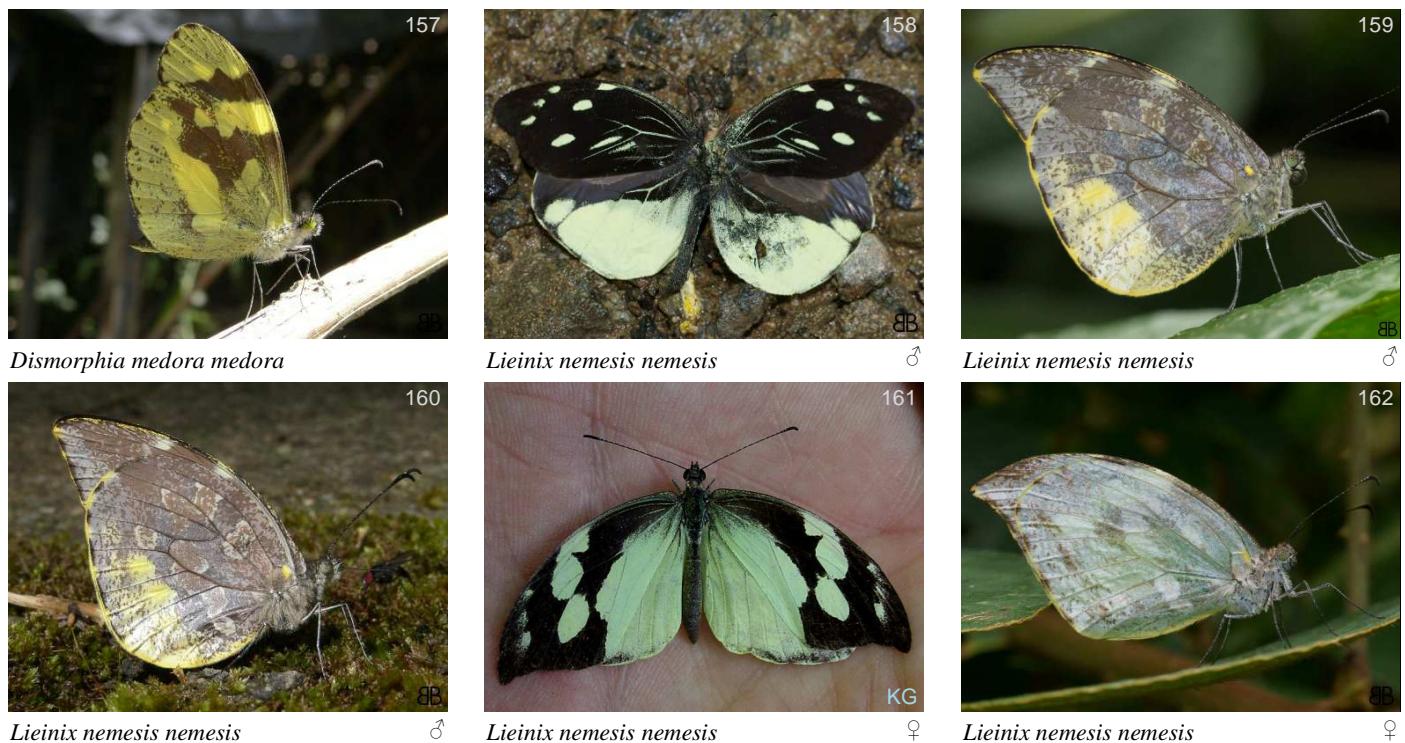
Whites and Sulphurs

Dismorphiinae

Mimic-Whites

Odd shaped forewings, smaller butterflies, prefer shaded areas. They are pale yellow or white with black marking on the dorsals. Females have rounder forewings. Sit with wings closed.





Pierinae

Whites

Variable, many are white but some are black with narrow white, yellow or even red patches. Many species of Catasticta are very difficult to separate from a live ventral photo. They like to come to wet sand or edges of flowing water. Sit with wings closed





Catasticta chrysolopha chrysolopha



Catasticta chrysolopha chrysolopha



Catasticta chrysolopha chrysolopha



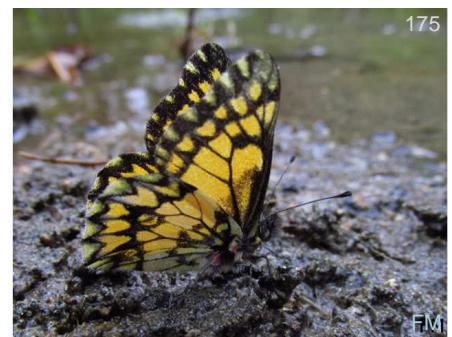
Catasticta flisa postaurea



Catasticta flisa postaurea



Catasticta flisa postaurea



Catasticta lycurgus



Catasticta philais philais



Glutophrissa drusilla drusilla



Glutophrissa drusilla drusilla



Glutophrissa drusilla drusilla



Leptophobia aripa aripa



Leptophobia aripa aripa



Leptophobia aripa aripa



Leptophobia aripa aripa



Leptophobia eleone denigrata



Leptophobia eleone denigrata



Melete lycimnia eurymnia



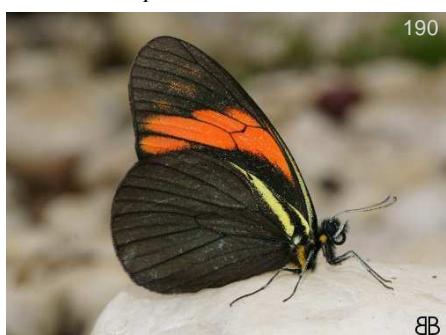
Pereute charops



Pereute charops



Pereute charops



Pereute charops



Pereute charops

Coliadinae

Sulphurs

Some large, but most are medium to smaller sizes. Common in meadows and gardens, roadside edges. Difficult to separate to species just on ventral live photos, you often need to see the pattern of the black on the edges of the upper wings. Sit with wings c



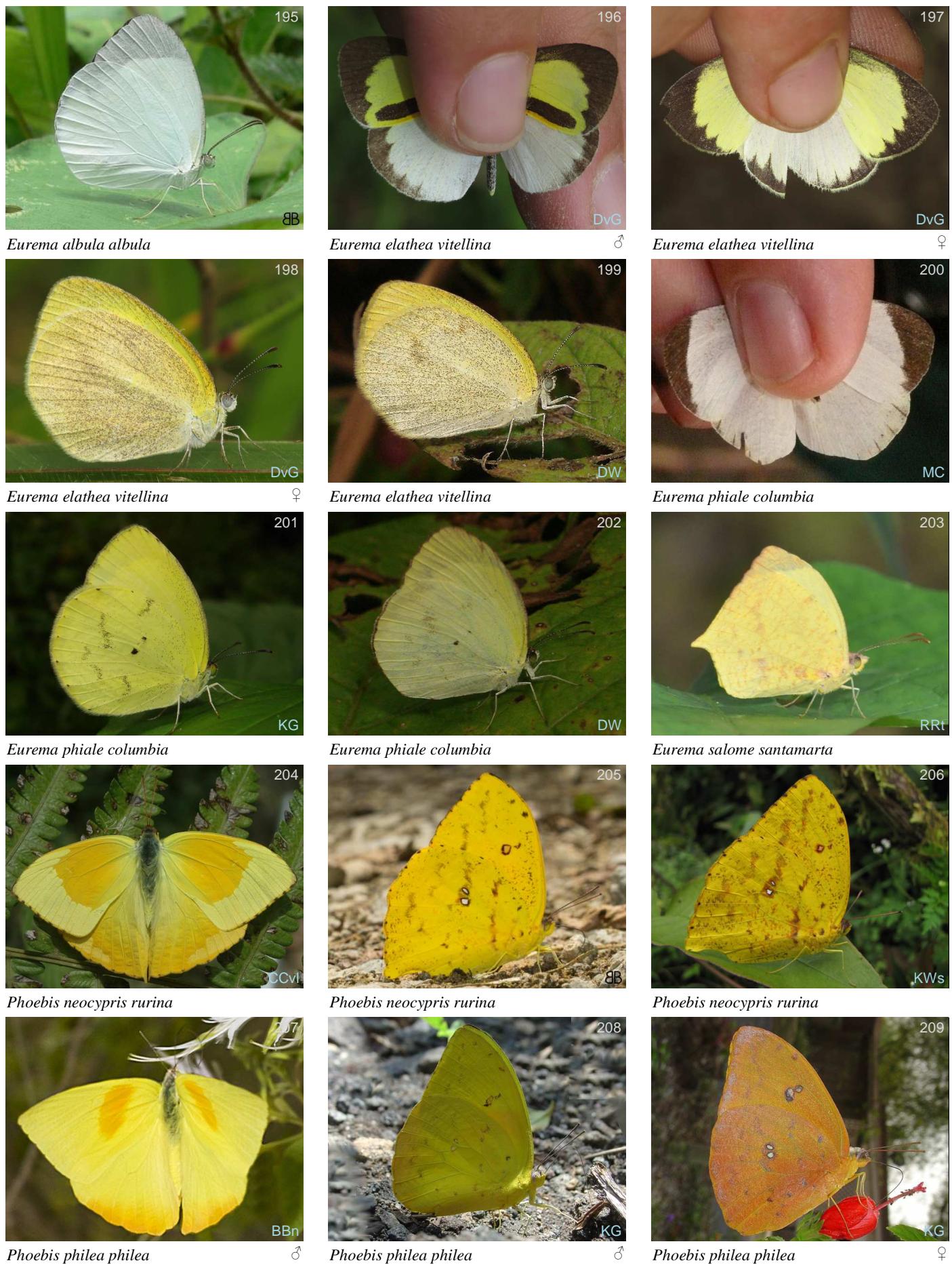
Anteos clorinde



Anteos clorinde



Anteos clorinde





Phoebis philea philea ♀ BB



Phoebis philea philea ♀ BB



Phoebis philea philea FM



Phoebis philea philea ♀ BB



Pyrisitia proterpia BB



Pyrisitia proterpia GBT



Pyrisitia proterpia BB



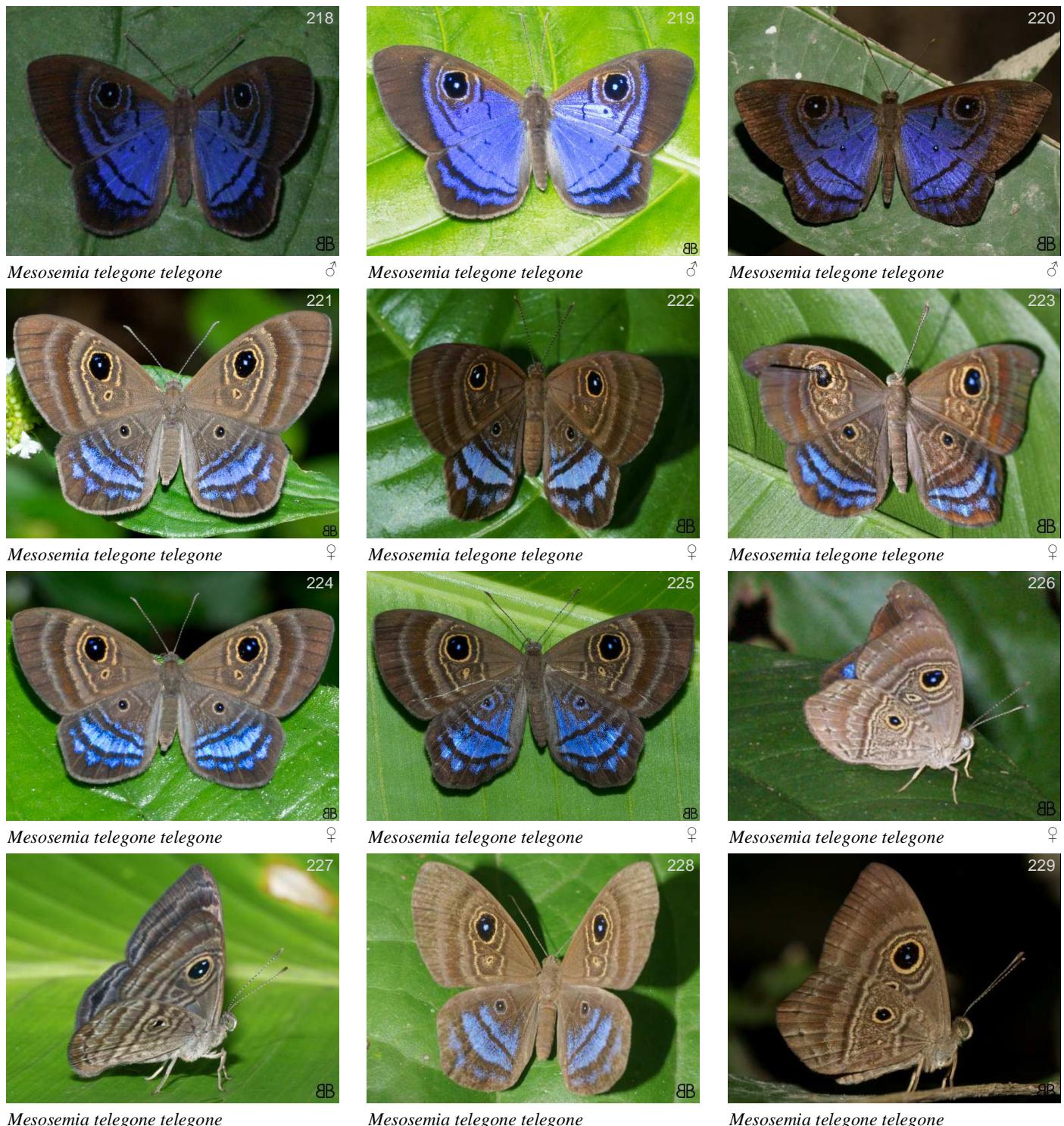
Pyrisitia proterpia BB

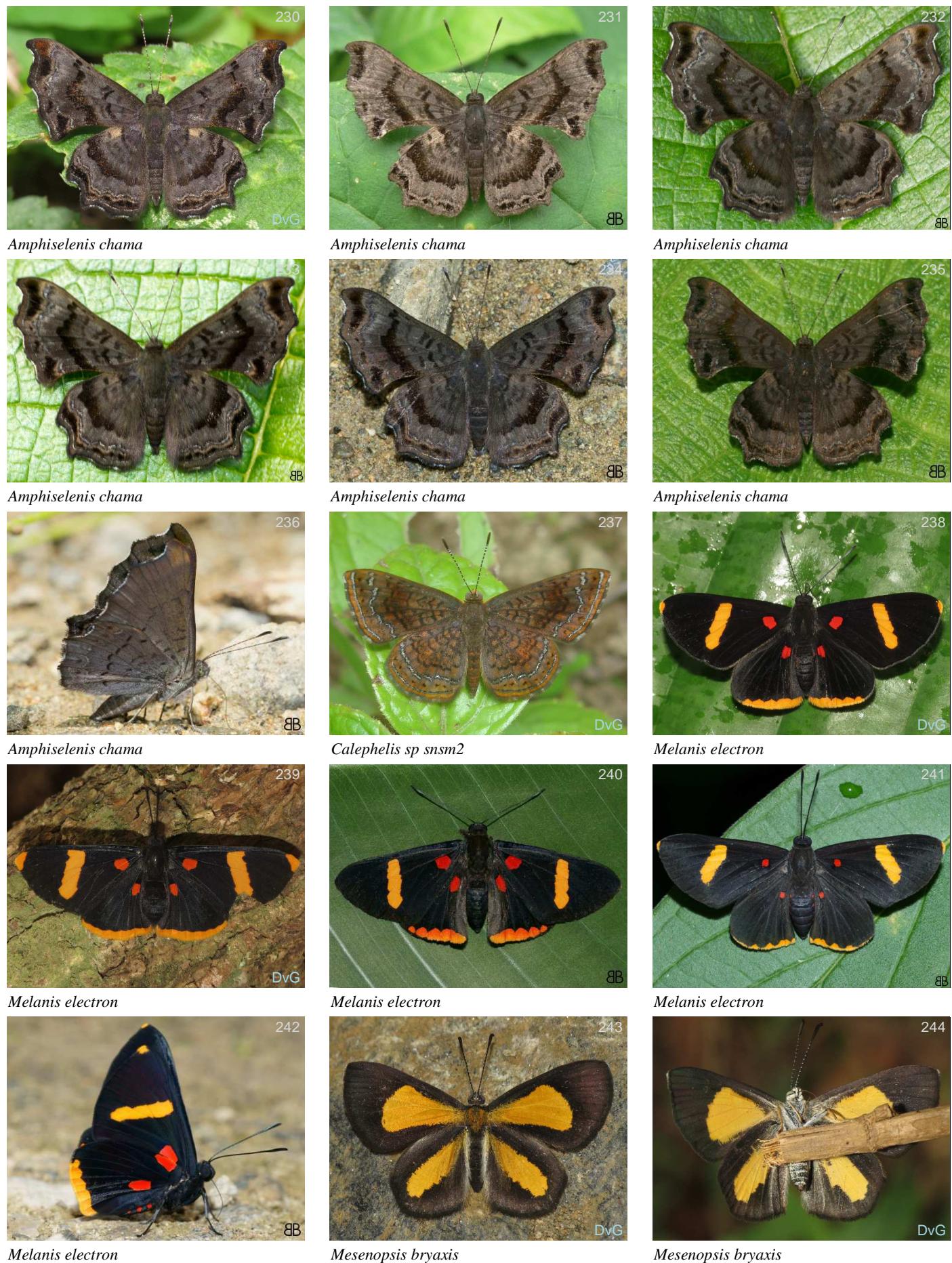
Riodinidae

Metalmarks

Riodininae

Metalmarks







Emesis ocypore aethalia



Emesis ocypore aethalia



Emesis ocypore aethalia



Emesis ocypore aethalia



Emesis ocypore aethalia



Emesis ocypore aethalia



Emesis ocypore aethalia



Emesis ocypore aethalia



Nymphidium onaeum



Nymphidium onaeum



Nymphidium onaeum



Nymphidium onaeum



Theope virgilius

Lycaenidae

Blues and Hairstreaks

Theclinae

Hairstreaks







Strymon mulucha



Strymon mulucha



Strymon mulucha



Strymon mulucha



Strymon yojoa



Strymon yojoa



Strymon yojoa



Strymon yojoa



Strymon yojoa

Polyommatinae

Blues



Leptotes cassius



Leptotes cassius



Leptotes cassius



Leptotes cassius



Zizula cyna



Zizula cyna



Zizula cyna



Zizula cyna

Nymphalidae

Brushfoots

Heliconiinae

Longwings







Heliconius clysonymus clysonymus



Heliconius clysonymus clysonymus



Heliconius eleuchia eleuchia



Heliconius eleuchia eleuchia



Heliconius erato hydara



Heliconius erato hydara



Heliconius ethilla



Heliconius ethilla



Heliconius ethilla



Heliconius ethilla



Heliconius ethilla



Heliconius melpomene melpomene



Heliconius melpomene melpomene



Heliconius melpomene melpomene



Heliconius melpomene melpomene



Heliconius melpomene melpomene

Nymphalinae
Brushfoots



Historis odius



Historis odius



Historis odius



Colobura dirce dirce



Colobura dirce dirce



Colobura dirce dirce



Hypanartia dione dione



Hypanartia dione dione



Hypanartia dione dione



Hypanartia dione dione



Hypanartia dione dione



Hypanartia kefersteini



Hypanartia kefersteini



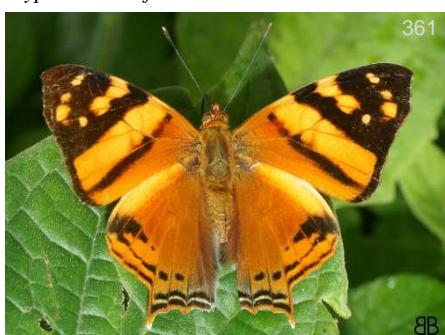
Hypanartia kefersteini



Hypanartia kefersteini



Hypanartia kefersteini



Hypanartia lethe lethe



Hypanartia lethe lethe



Hypanartia lethe lethe



Vanessa braziliensis ♂



Vanessa braziliensis



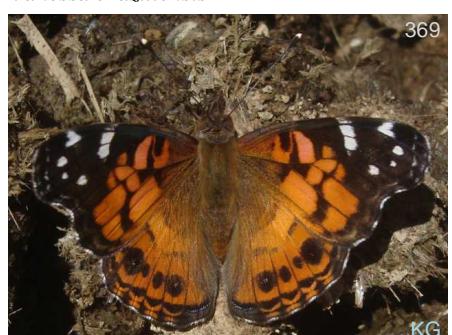
Vanessa braziliensis



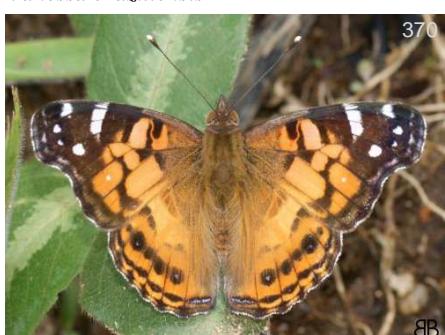
Vanessa braziliensis



Vanessa virgininiensis



Vanessa virgininiensis



Vanessa virgininiensis



Vanessa virgininiensis



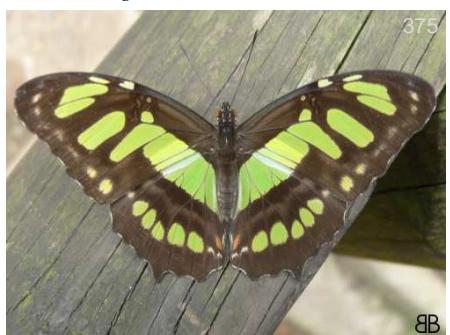
Vanessa virginiensis



Siproeta epaphus epaphus



Siproeta epaphus epaphus



Siproeta stelenes stelenes



Siproeta stelenes stelenes



Anthanassa acesas ♂



Anthanassa acesas



Anthanassa acesas



Anthanassa acesas



Anthanassa acesas



Anthanassa drusilla drusilla



Anthanassa drusilla drusilla



Anthanassa drusilla drusilla



Anthanassa drusilla drusilla



Anthanassa drusilla drusilla



Anthanassa drusilla drusilla



Janatella leucodesma



Janatella leucodesma



Janatella leucodesma



Janatella leucodesma



Microtia elva elva



Microtia elva elva



Microtia elva elva



Microtia elva elva



Telenassa delphia catenaria



Telenassa delphia catenaria

Limenitidinae

Sisters

Mainly africana y asiatica some Namerica



Adelpha boeotia boeotia



Adelpha boeotia boeotia



Adelpha boeotia boeotia



Adelpha boeotia boeotia



Adelpha corcyra salazari



Adelpha corcyra salazari



Adelpha lycorias lara



Adelpha lycorias lara



Adelpha lycorias lara



Adelpha lycorias lara



Adelpha zina inachia



Adelpha zina inachia



Adelpha zina inachia

Charaxinae

Leafwings

Larger butterflies, strong fliers, they usually sit with wings closed, then flash their wings open showing brilliant blue, purple or orange above. They look like dried leaves when wings are closed. They do not come to flowers, but like excrement, urine an



Fountainea glycerium glycerium



Fountainea glycerium glycerium



Fountainea glycerium glycerium



Fountainea glycerium glycerium



Fountainea glycerium glycerium



Fountainea glycerium glycerium



Fountainea glycerium glycerium



Fountainea nessus



Fountainea nessus



Fountainea nessus



Fountainea nessus



Fountainea nessus



Hypna clytemnestra clytemnestra



Memphis philumena chaeronea



Memphis philumena chaeronea



Memphis philumena chaeronea



Noreppa chromus chromus



Noreppa chromus chromus



Noreppa chromus chromus



Noreppa chromus chromus

Apaturinae

Emperors

Only a few widespread species, usually bright blue triangle above, silver or brownish below. They like wet dirt and are strong fliers.



Doxocopa cyane mexicana ♂



Doxocopa cyane mexicana ♂



Doxocopa cyane mexicana ♂



Doxocopa cyane mexicana ♀



Doxocopa laurentia cherubina



Doxocopa laurentia cherubina



Doxocopa laurentia cherubina



Doxocopa laurentia cherubina



Doxocopa laurentia cherubina

Satyrinae

Satyrs, Morphos, and Owls



Morpho helenor peleides



Morpho helenor peleides



Morpho helenor peleides



Caligo brasiliensis morpheus



Caligo telamonius menus



Caligo telamonius menus



Caligo telamonius menus



Arhuaco ica



Cissia pompilia



Cissia pompilia



Cissia pompilia



Cissia pompilia



Cissia pompilia



Cissia pompilia



Corades chelonis chelonis



Corades chelonis chelonis



Corades chelonis chelonis



Corades chelonis chelonis



Corades chelonis chelonis



Corades cybele cybele



Corades cybele cybele



Corades cybele cybele



Corades cybele cybele



Corades enyo almo



Corades enyo almo



Corades enyo almo



Corades enyo almo



Corades enyo almo



Corades enyo almo



Corades enyo almo



Corades enyo almo



Corades medeba columbina



Corades medeba columbina



Corades medeba columbina



Corades medeba columbina



Corades medeba columbina



Corades medeba columbina



Corades medeba columbina



Corades medeba columbina



Euptychia westwoodi



Euptychia westwoodi



Euptychia westwoodi



Euptychia westwoodi



Euptichooides saturnus



Euptichooides saturnus



Euptichooides saturnus



Euptichooides saturnus



Hermeuptychia harmonia



Hermeuptychia harmonia



Hermeuptychia harmonia



Hermeuptychia harmonia



Hermeuptychia hermes



Hermeuptychia hermes



Hermeuptychia hermes



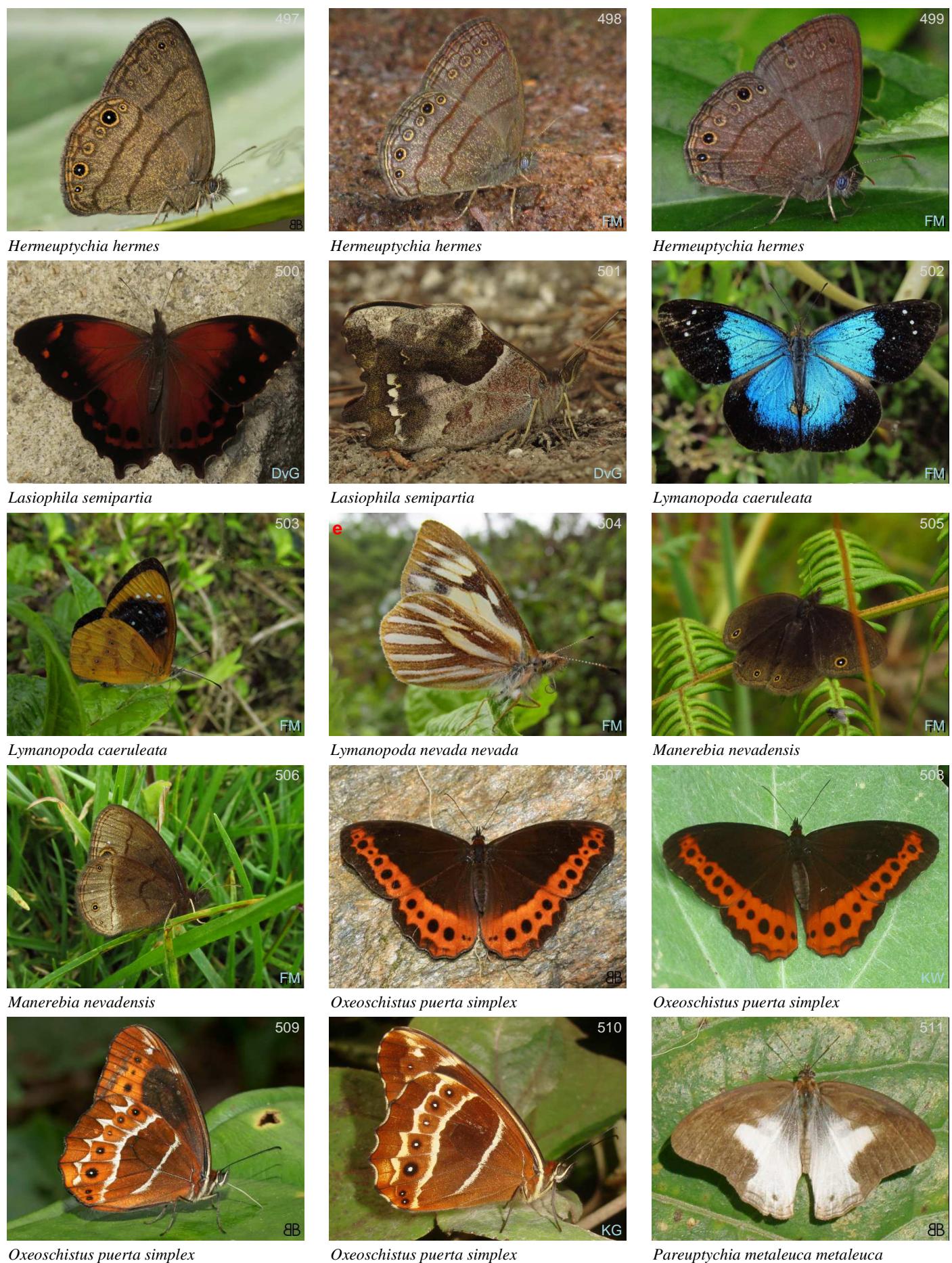
Hermeuptychia hermes



Hermeuptychia hermes



Hermeuptychia hermes





Pareuptychia metaleuca metaleuca



Pareuptychia metaleuca metaleuca



Pareuptychia metaleuca metaleuca



Pareuptychia metaleuca metaleuca



Pareuptychia metaleuca metaleuca



Pareuptychia ocirrhoe



Pareuptychia ocirrhoe



Pareuptychia ocirrhoe



Pareuptychia ocirrhoe



Pareuptychia ocirrhoe



Pareuptychia ocirrhoe



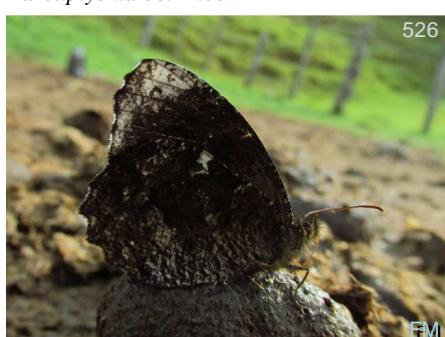
Pareuptychia ocirrhoe



Pedaliodes cebolleta



Pedaliodes leucocheilus



Pedaliodes leucocheilus



Pedaliodes manis



Pedaliodes manis



Pedaliodes phazania



Pedaliodes phazania



Pedaliodes symmachus



Pedaliodes symmachus



Pedaliodes symmachus



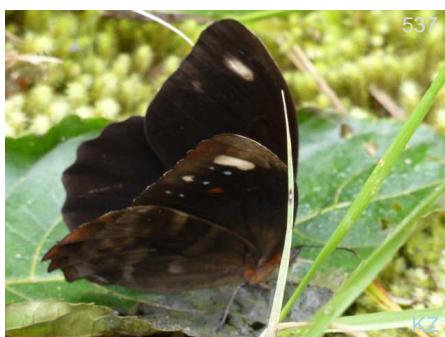
Pedaliodes tyrrheus tyrrheus



Pronophila juliani



Pronophila unifasciata donachui



Pronophila unifasciata donachui



Sierrasteroma polixo



Steroma bega bega



Steroma bega bega



Steroma bega bega



Steroma bega bega



Steroma polyxo



Steroma polyxo



Yphthimoides renata



Yphthimoides renata



Yphthimoides renata



Yphthimoides renata

Danainae

Monarchs & Clearwings

Tribe Danaini/Monarchs – orange/rust colored butterflies, fairly good sized, famous North American migrants.

Tribe Ithomiini/Clearwings & Tigerwings – crystal or transparent winged, or orange and black striped. They usually fly in shaded areas, very slow!



Danaus plexippus megalippe ♂



Danaus plexippus megalippe



Danaus plexippus megalippe



Danaus plexippus megalippe



Danaus plexippus megalippe



Danaus plexippus megalippe



Lycorea halia atergatis



Lycorea halia atergatis



Lycorea halia atergatis



Lycorea halia atergatis



Lycorea halia atergatis



Lycorea halia atergatis



Greta andromica andromica



Greta andromica andromica



Greta andromica andromica



Greta andromica andromica



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Hypoleria ocalea ocalea



Mechanitis polymnia veritabilis



Mechanitis polymnia veritabilis



Mechanitis polymnia veritabilis



Mechanitis polymnia veritabilis



Oleria amalda amalda



Oleria amalda amalda



Oleria amalda amalda



Oleria amalda amalda



Oleria makrena caucana



Oleria makrena caucana



Oleria makrena caucana

Cyrestinae

Daggerwings

Larger butterflies with long, pointed tails, like daggers in English. Often sit on wet dirt with wings open. Many are all brown or all orange with thin vertical stripes.



Marpesia berania berania



Marpesia berania berania



Marpesia berania berania





Marpesia zerynthia zerynthia

Biblidinae

Tropical Brushfoots

Medium sized butterflies, varied colors, many are widespread. Includes 88's.



Haematera [Callidula] pyrame thysbe



Haematera [Callidula] pyrame thysbe



Ectima thecla thecla



Ectima thecla thecla



Hamadryas amphinome fumosa



Hamadryas amphinome fumosa



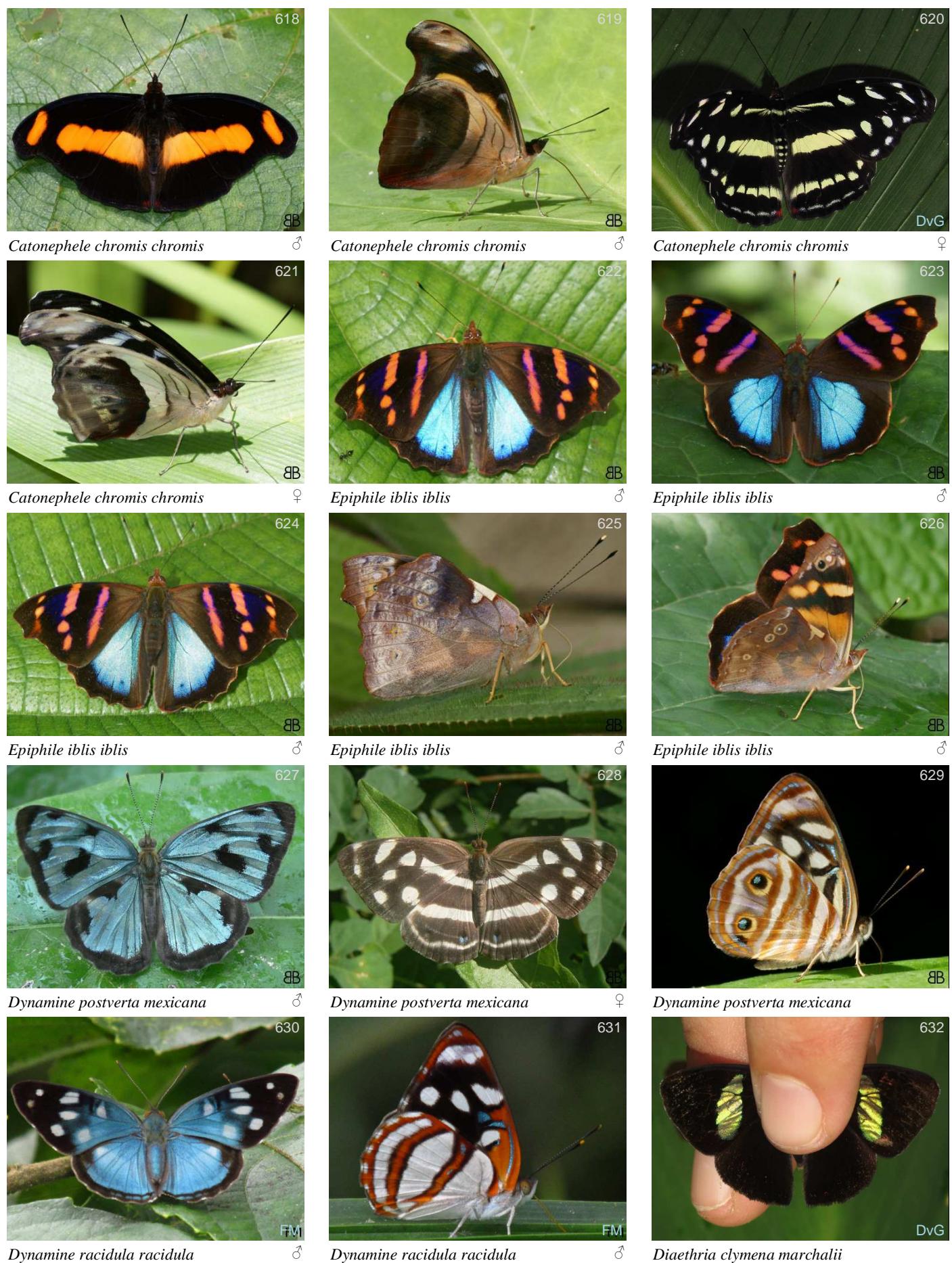
Hamadryas amphinome fumosa



Hamadryas feronia feronia



Hamadryas feronia feronia





Diaethria clymena marchalii



Diaethria clymena marchalii



Diaethria clymena marchalii



Diaethria clymena marchalii



Diaethria clymena marchalii



Diaethria clymena marchalii



Diaethria clymena marchalii



Diaethria clymena marchalii



Diaethria gabaza gabaza



Diaethria gabaza gabaza



Diaethria gabaza gabaza



Diaethria gabaza gabaza



Diaethria gabaza gabaza



Diaethria gabaza gabaza



Diaethria gabaza gabaza



Diaethria gabaza gabaza



Diaethria gabaza gabaza



Diaethria gabaza gabaza



Perisama gisco



Perisama nevada



Perisama nevada



Perisama opelli mairae



Perisama opelli mairae

Legends

Endemic 



Photo number

Altitude 1, 2

Ephippile epimenes kalbreyeri

Genus, species, subspecies

Photographer

♂
Sex

Altitude (sub localities):

650m to 1400m, Minca and Pozo Azul to turn off to Central

1400m to 1700m, Central to Palo Alto

1700m to 2250m, Palo Alto to San Lorenzo Station, includes El Dorado at 1950m

How to get to this location:

Como llegar a esta localidad:

This list is the result of the accumulative efforts from a large number of people. The following are the photographers who have contributed their photos to this work, thank you very much.

Photographers - Fotógrafos

AH	Adrian Hoskins	AN	Andrew Neild	BB	Juan Guillermo Jaramillo Vela
BBk	Bob Behrstock	BBn	Bill Bouton	BBt	Bill Berthet
CCvl	Charles Covell	DvG	David Geale	DW	Dan Wade
FM	Fredy Montero	GBt	Gustavo Bautista	GC	Gill Carter
GM	Glenn Mahler	JAB	Johnnier Arango Bermudez	JMD	John MacDonald
Jpe	Jorge Perez	JSn	Jim Snyder	KG	Kim Garwood
KK	Ken Kertell	KP	Kevin Painter	KW	Kay Wade
KWs	Kristine Wallstrom	KZ	Kristof Zyskowski	LEM	Luis Eduardo Mejia
Leo	Leopoldina Tapasco	LG	Leif Gabrielsen	LS	Linda Scott
MC	Mike Chapman	MM	Martin Moreno	MS	Mike Stangeland
PB	Priscilla Brodkin	RD	Rudy Dodero	RRt	Roger Rittmaster
SN	Sherry Nelson	SS	Shirley Sekarajasingham	TH	Tony Hoare
THn	Tom Horton	WC	Will Carter		

If you want to collaborate with photos or identification of species please contact:

Kim Garwood at kimgrwd@sbcglobal.net or www.neotropicalbutterflies.com

Juan Guillermo Jaramillo at arcas1956@gmail.com. or Butterflyphotography-bb.blogspot.com.

On the scientific names with an X or sp, we are unsure of the ID. If you can help with additional id's or corrections, please let us know.

Most of the photos were taken of live butterflies in their natural habitat. Specimen photos are used to show some characteristics that are not possible to photograph in nature.

The taxonomy and sequence of this list is based on www.butterfliesofamerica.com and the Atlas of Neotropical Lepidoptera, Checklist: Part 4A by Gerardo Lamas, 2004.

We thank the following experts who have graciously helped with identifications on some of our photos: Stephane Attal, Andrew Brower, Bernard Hermier, James Mallet, Andrew Neild, Gregory Nielsen, Tomasz Pyrcz, Julian Salazar, Aaron Soh and Keith Willmott. All errors on identifications are the responsibility of Kim Garwood or Juan Guillermo Jaramillo.

Este listado es el resultado del esfuerzo acumulativo de un gran numero de colaboradores y fotógrafos a quienes damos las gracias.

Nombres científicos con X o sp, tienen identificación desconocida o con duda, por favor si Usted puede ayudar a completar o corregir escribanos a los contactos.

La mayoría de fotos fueron tomadas a mariposas vivas en su ambiente natural. Las fotos de especímenes son usadas para mostrar algunas características que no son posibles fotografiar en la naturaleza.

La taxonomía y la secuencia de esta lista está basada en www.butterfliesofamerica.com y en el Atlas of Neotropical lepidoptera, listado de chequeo parte 4A por Gerardo Lamas, 2004.

Agradecemos a los siguientes expertos que generosamente han ayudado en la identificación de algunas de nuestras fotos: Stephane Attal, Andrew Brower, Bernard Hermier, James Mallet, Andrew Neild, Gregory Nielsen, Tomasz Pyrcz, Julian Salazar, Aaron Soh and Keith Willmott. Todos los errores en identificación son responsabilidad de Kim Garwood o Juan Guillermo Jaramillo.

Numero de especies en esta localidad 178
Number of species in this location



**Numero de especies en la base de datos 3.701
y con subespecies 4.792, numero de fotos
6.221, especies y subespecies con foto 2.293,
con la colaboración de 97 fotógrafos.**

**Number of species in database 3.701 and with
subspecies 4.792, number of photos 6.221,
species and subspecies with photo 2.293, with
the collaboration of 97 photographers.**