

Introducción a las mariposas de la ciudad...

ayuda para la identificación



Con el apoyo
de:



Coordinan:



Cosas veredes...

Mariposa monarca
Danaus plexippus

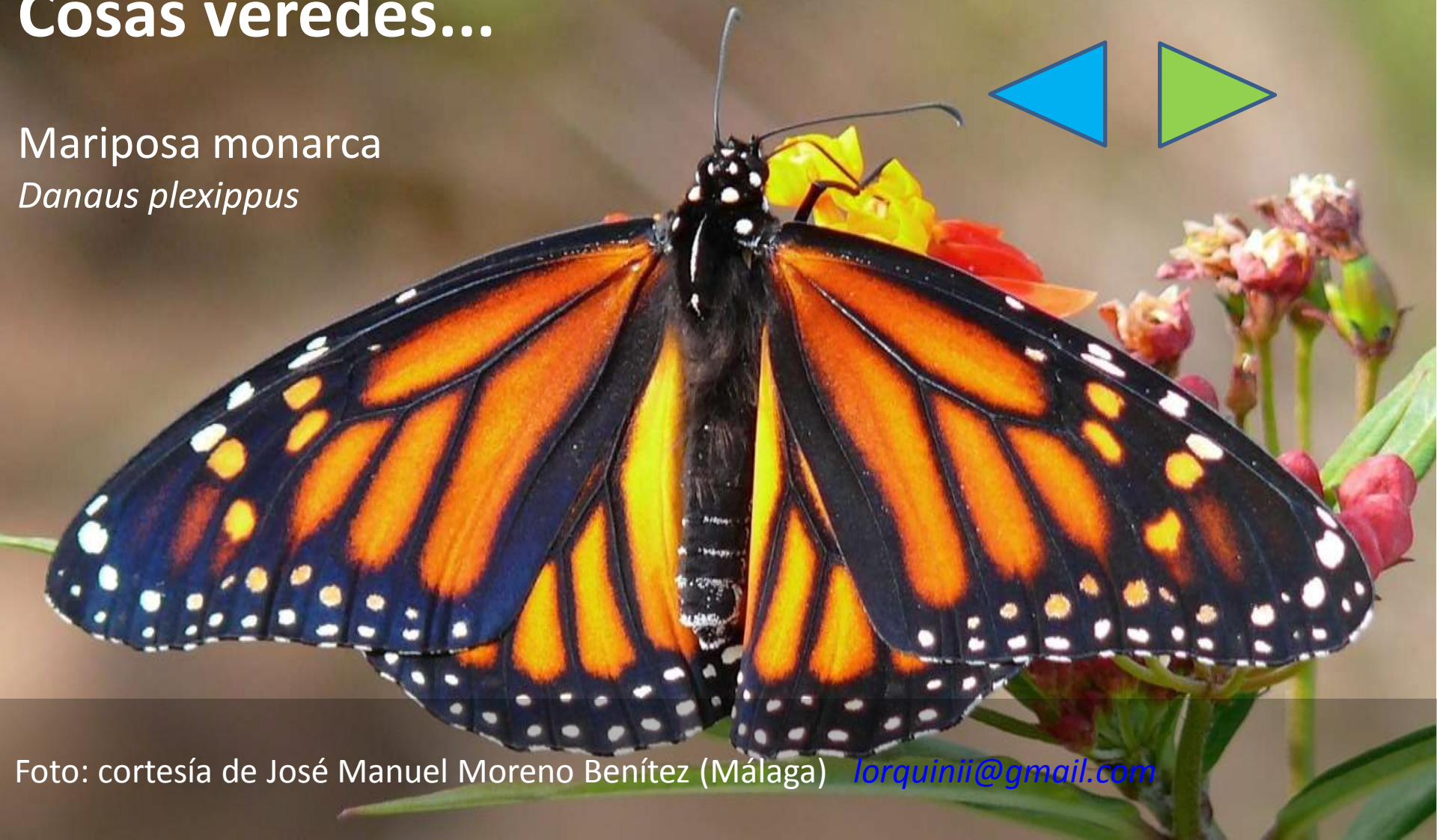
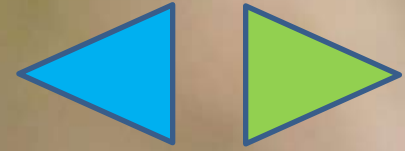


Foto: cortesía de José Manuel Moreno Benítez (Málaga) lorquinii@gmail.com

únete...

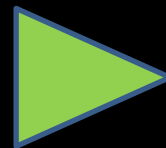


!?
más ayuda en la red

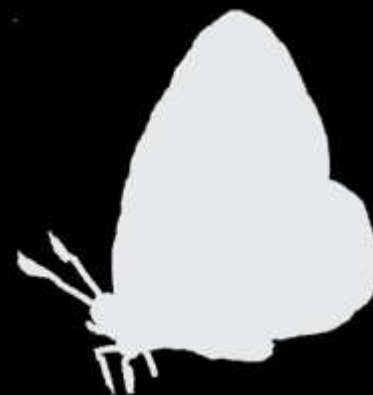
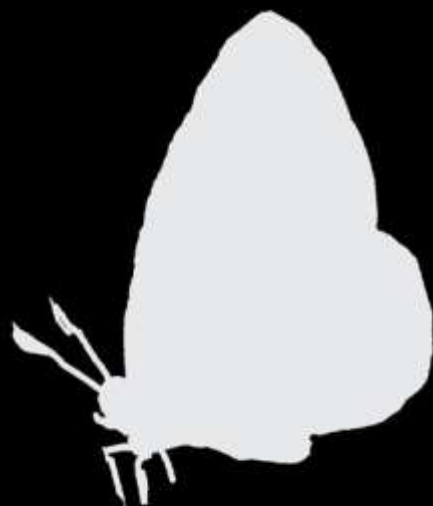
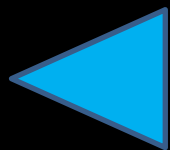
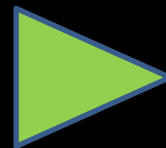
▲ inicio

▲ paso atrás
▲ adelante

medianas o grandes



pequeñas



¿Cabe?

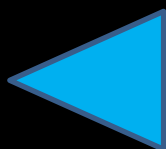
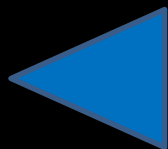




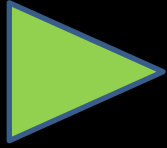
amarilla, blanca



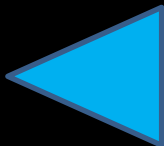
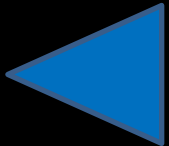
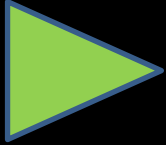
naranja, marrón



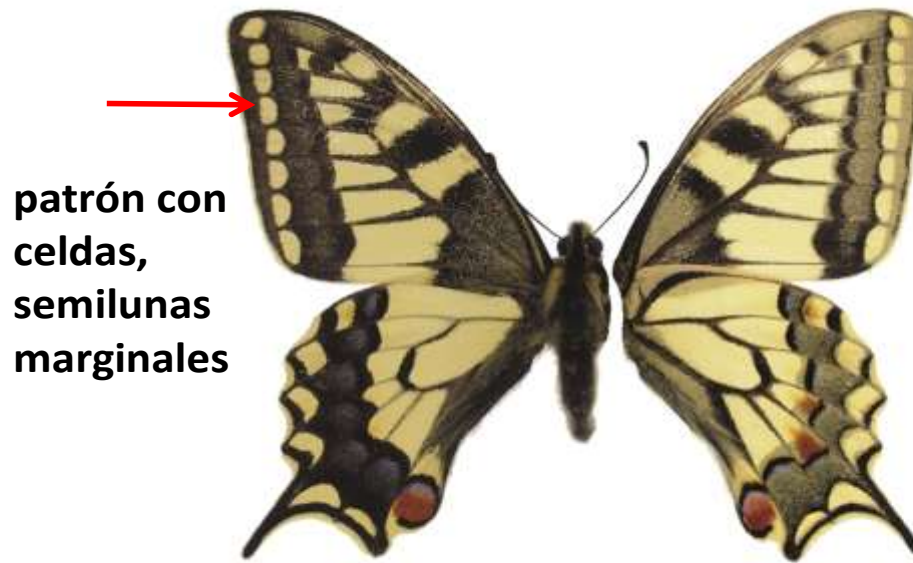
cola en ala post.
grandes



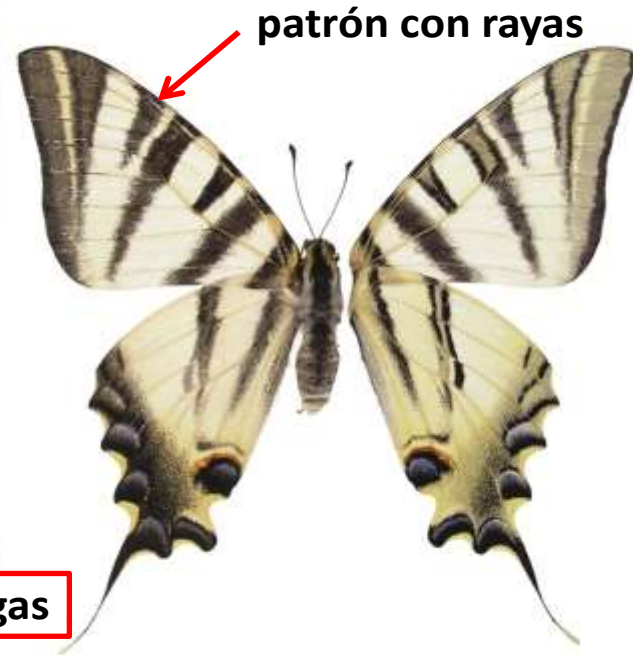
sin cola



FAMILIA PAPILIONIDAE

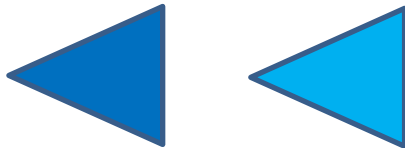


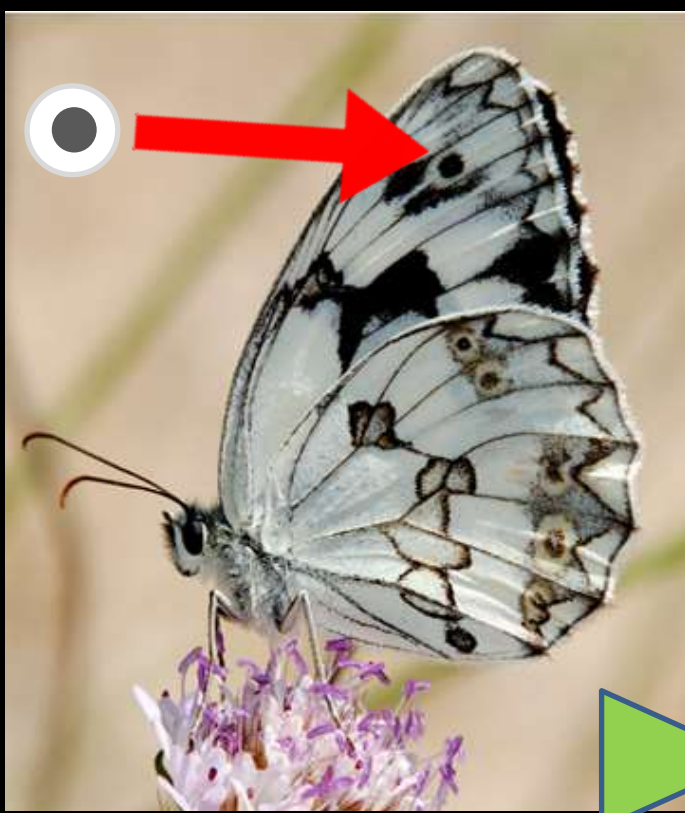
macaón: *Papilio machaon*



colas largas

chupaleches: *Iphiclide podalirius*

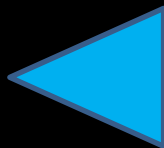
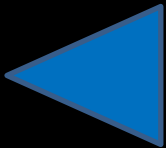




**con un ocelo aquí,
y este aspecto (satirinos)**



**con o sin puntos,
sin ocelo (piéridos)**



Blancas (*Pieris*)



Amarillas



Blancas + verdes (*Pontia*, *Euchloe*)



OTRAS

Fam. Pieridae

FAMILIA PIERIDAE

mariposa de la col:

Pieris brassicae

tamaño mayor

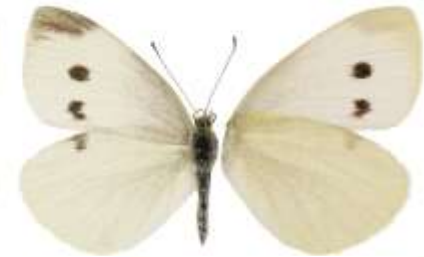


tono gris

negro reducido

blanquita de la col:

Pieris rapae

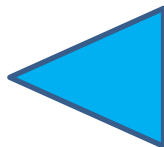
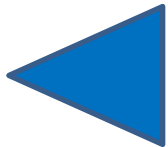


Blanca verdinervada:

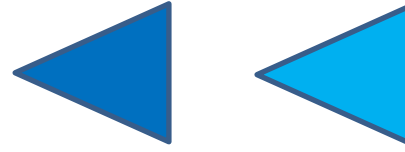
Pieris napi



nervios verdes



FAMILIA PIERIDAE



Blanquiverdosa meridional:
Euchloe crameri



aurora:
Anthocharis cardamines

blanquiverdosa:
Pontia daplidice

De lejos se confunde con
Pieris, pero tiene un aspecto
más oscuro



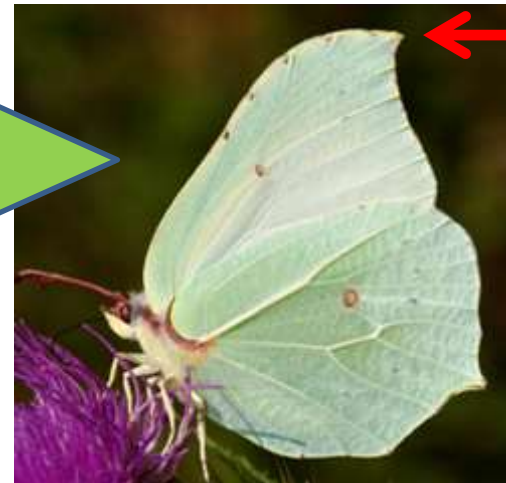
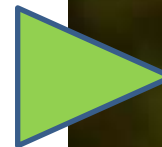
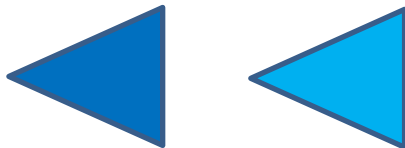
FAMILIA PIERIDAE

amarilla:
Colias crocea



borde negro completo,
dorso amarillo azufre

manchas circulares
características



picos

limonera:

Gonepteryx rhamni

color amarillo limón

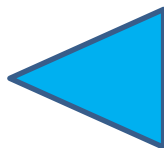
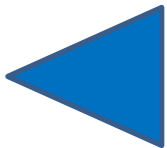


mancha
naranja,
macho

cleopatra:

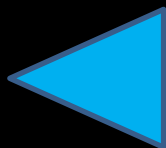
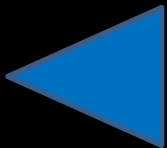
Gonepteryx cleopatra

FAMILIA PIERIDAE





Zegrí (*Zegris eupheme*)





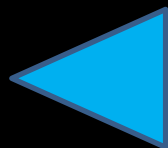
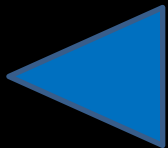
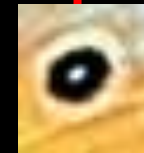
**cabezonas
pardo / naranja
vuelo rápido como polillas**



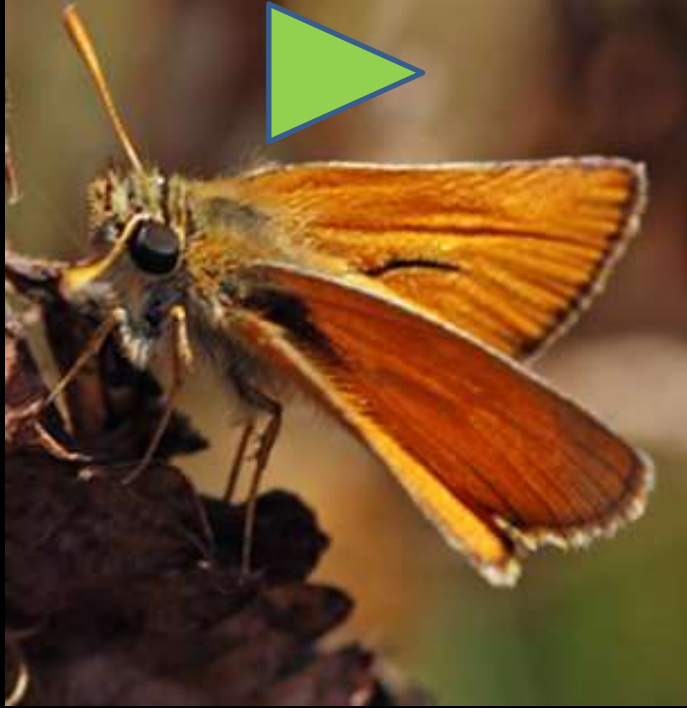
**puntos
o colitas
o brillo metálico**



un ocelo aquí



anaranjadas



pardas / ajedrezadas

**Familia Hesperíidae
(Hespéridos)**



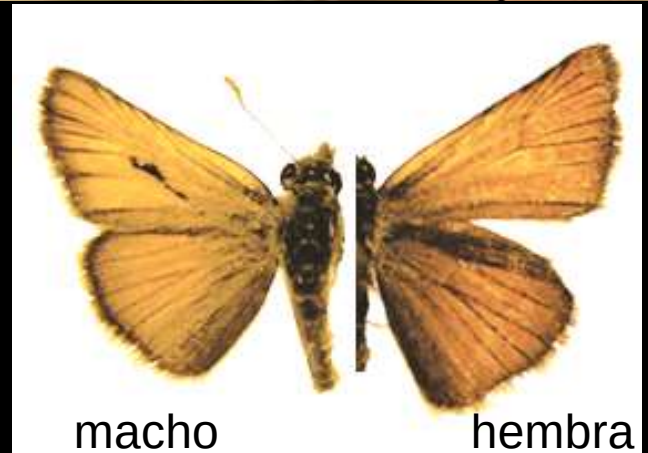
Thymelicus lineolus



Thymelicus sylvestris

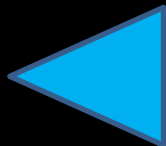
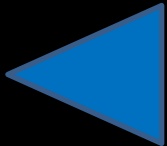


Ochlodes sylvanus



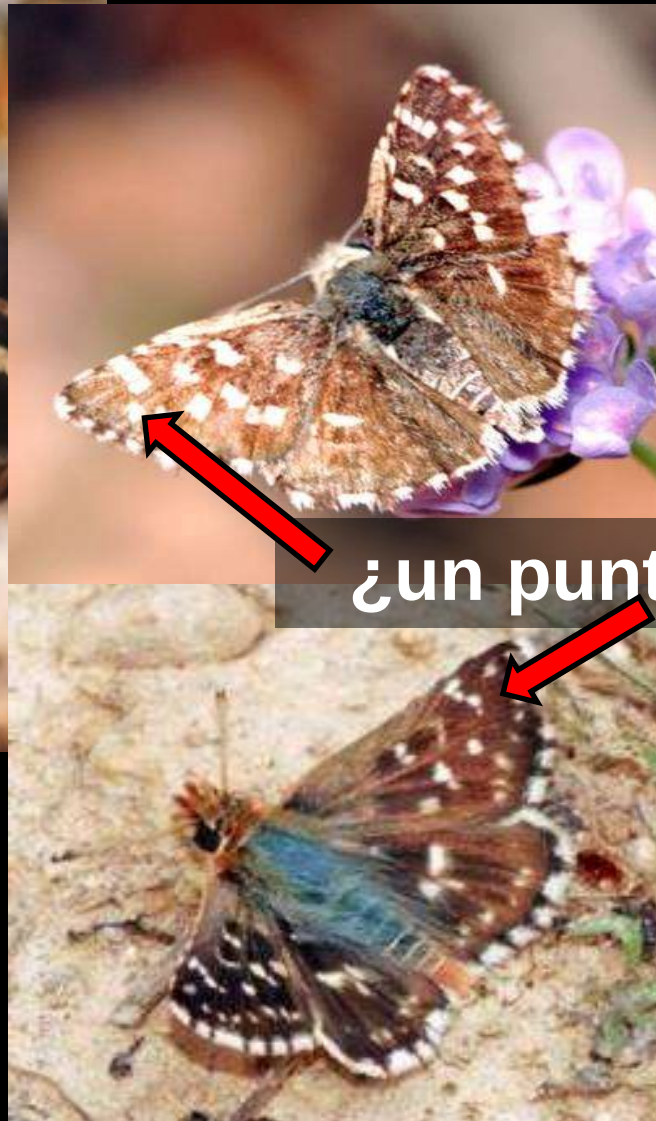
macho

hembra





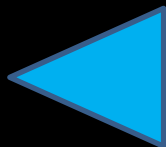
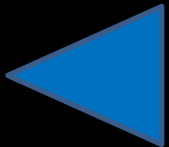
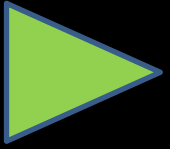
Carcharodus alceae
(similar: *C. boeticus*)



Sí: ***Pyrgus***

¿un punto aquí?

No: ***Spialia sertorius***



P. malvoides es una especie frecuente, pero hay otros *Pyrgus* y no son fáciles de distinguir. Raras en las ciudades.



Pyrgus spp. (*P. malvoides*)



Parecida a:



Callophris rubi



Satyrrium esculi





naranja iridiscente



manto bicolor: *Lycaena phlaeas*



pardo uniforme

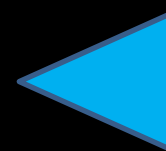
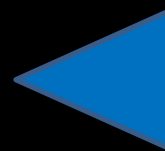
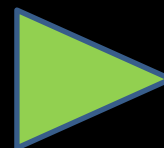
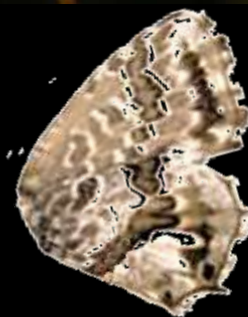


cuerquera: *Satyrrium esculi*

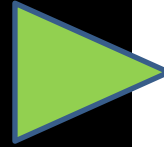


verde

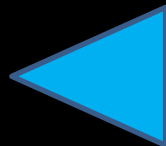
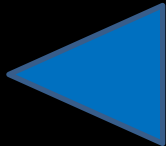
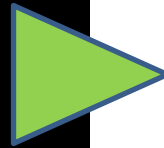
cardenillo: *Tomares ballus*



**cara ventral:
dibujo sinuoso
colitas muy finas**



**con puntos
sin colitas**



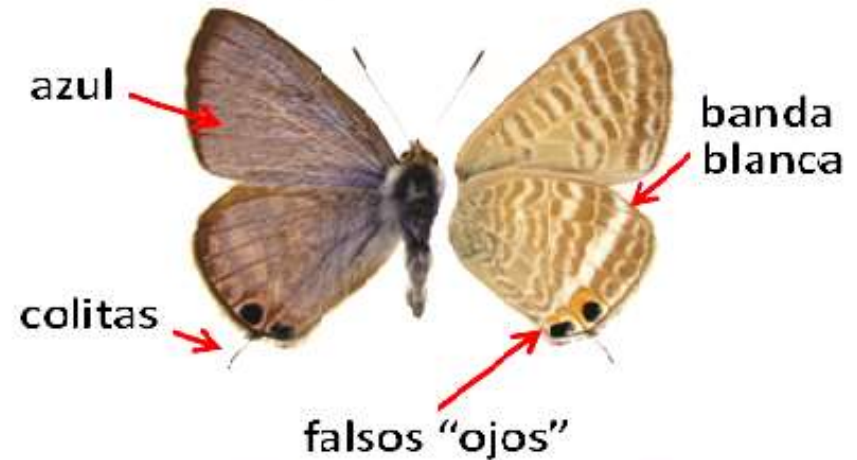
sin azul

dorso con azul

Taladro del geranio
Cacyreus marshalii



canela estriada:
Lampides boeticus



gris estriada: *Leptotes pirithous*

igual pero con fondo gris y sin la banda blanca marcada, colitas más cortas



FAMILIA LYCAENIDAE



Lo más normal: *Polyommatus icarus* y *Aricia cramera*

FAMILIA LYCAENIDAE

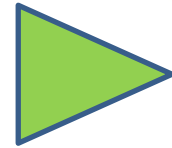


morena:
Aricia cramera



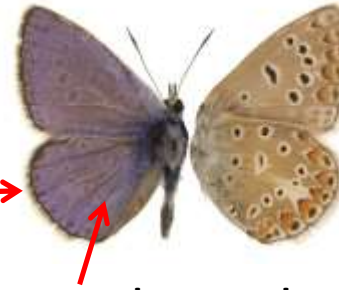
fimbria ajedrezada

segundo punto
desplazado hacia la base



más...

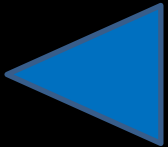
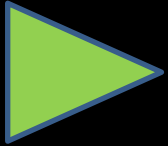
ícaro, dos puntos:
Polyommatus icarus

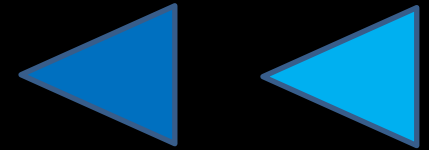
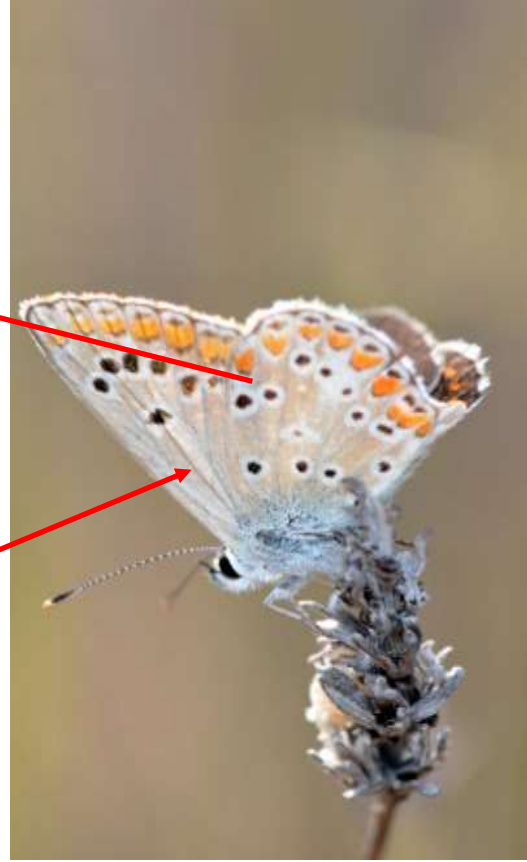
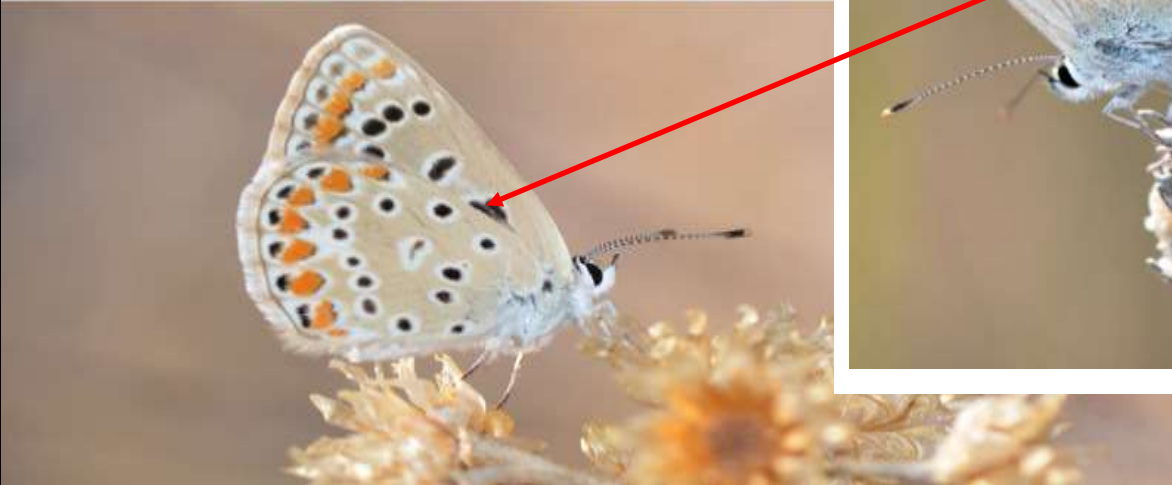


fimbria uniforme

machos con dorso azul

OTRAS
azulitas





Polyommatus icarus y *Aricia cramera*

rayitas, no puntos
ventral: azul pálido



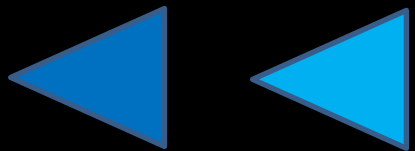
Glaucopsyche alexis



Glaucopsyche melanops

Náyade: *Celastrina argiolus*

Polyommatus bellargus

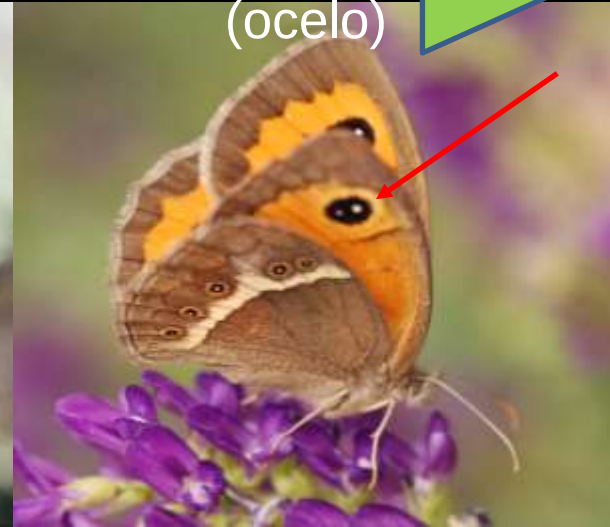
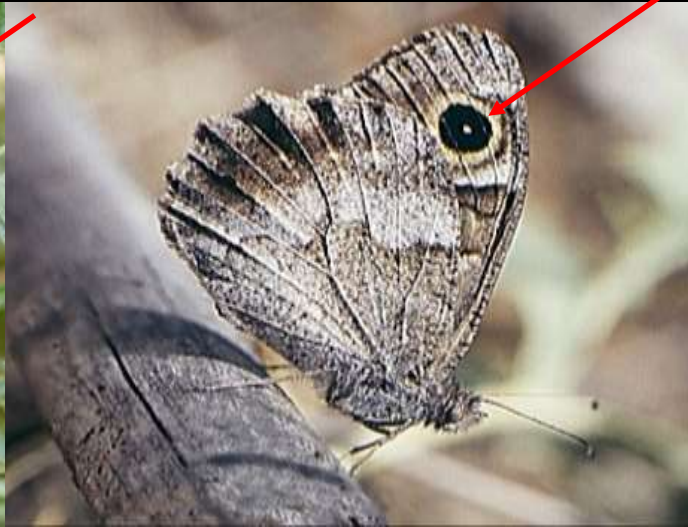




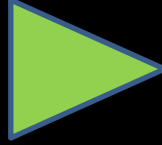
ninfas

Ninfálidos (Nymphalidae): ninfas y sátiros

sátiros
(ocelo)



¿Alas de borde normal
o
con borde recortado?



Olmera
(*N. polychloros*)



Polygonia
c-album



con una “c” blanca en la cara ventral
del ala posterior



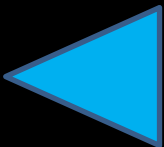
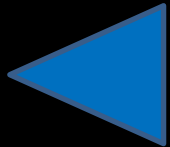
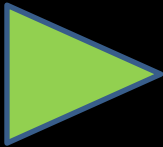
Heliconinos



Vanesas



Otras...



Familia Nymphalidae





FAMILIA NYMPHALIDAE (subf. Heliconinos)

sofía: *Issoria lathonia*



manchas
plateadas

pandora: *Argynnis pandora*



fondo
rojo

pardo verdoso con
manchas negras



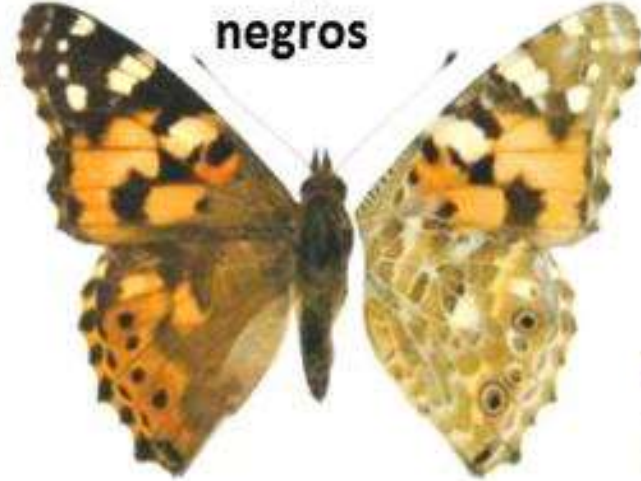
FAMILIA NYMPHALIDAE

negra con
una banda
roja

numerada:
Vanessa
atalanta



naranja con
dibujos
irregulares
negros



cardera:
Vanessa
cardui

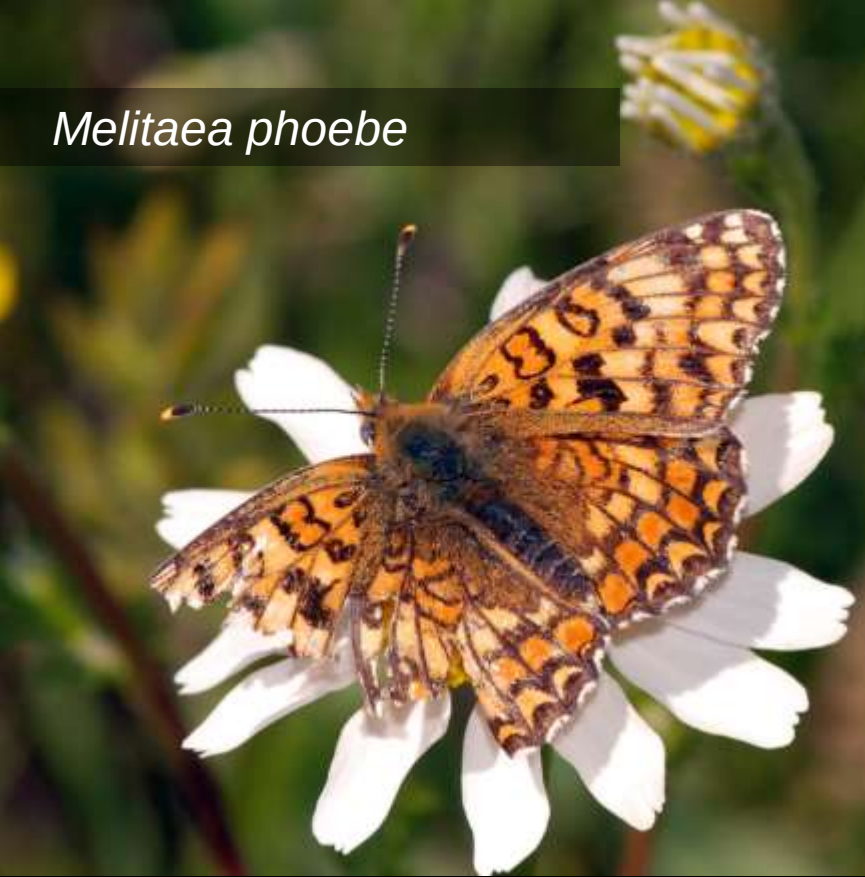


Estas son especies migradoras, puedes encontrarlas casi en cualquier lugar...



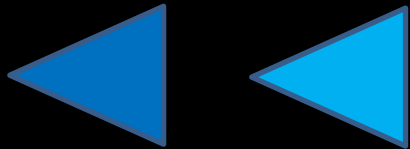
A close-up photograph of a Melitaea didyma butterfly, showing its orange wings with numerous dark brown spots and a dark brown border. The butterfly is perched on a reddish-brown surface.

Melitaea didyma

A photograph of a Melitaea phoebe butterfly, showing its orange wings with dark brown spots and a dark brown border. The butterfly is perched on a white flower with yellow centers.

Melitaea phoebe

Siempre pueden aparecer otras especies; pero no muchas de ellas pueden sobrevivir en una ciudad grande. Monarca, bajá de dos colas...



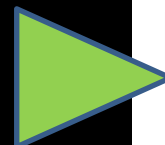
Sátiros (Fam. Nymphalidae, subfam. Satyrinae):
al menos un ocelo en el ápice del ala anterior



Blanca



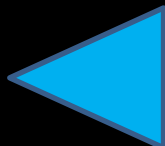
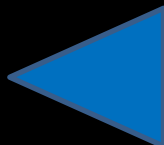
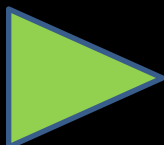
pequeña



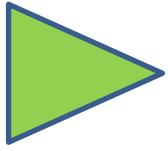
Naranja, dibujos poligonales



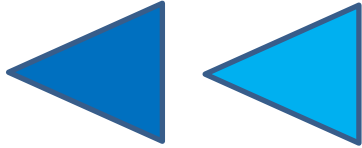
Ninguna de estas



Sátiros (Nymphalidae, Satyrinae): lo más normal



fotos de estas
especies



maculada:
Pararge aegeria
manchas naranjas
cuadradas



saltacercas:
*Lasiommata
megera*



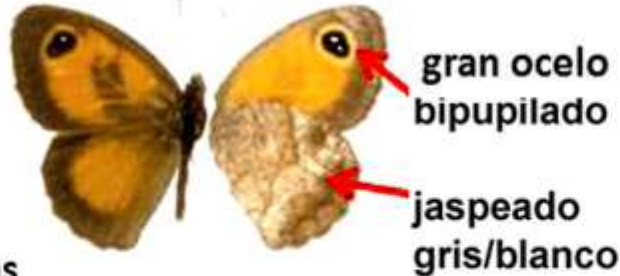
Ocelos con doble
círculo y líneas
sinuosas

níspola: *Coenonympha
pamphilus*
pequeña



macho oscuro
hembra naranja/pardo

lobita jaspeada:
Pyronia cecilia
alas anteriores naranjas
con un gran ocelo



gran ocelo
bipupilado

jaspeado
gris/blanco



loba:
Maniola jurtina



Loba (*M. jurtina*)



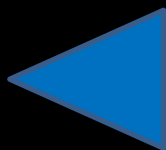
Pyronia cecilia



Maculada (*P. aegeria*)



Saltacercas (*L. megera*)



FAMILIA NYMPHALIDAE

Nymphalidae: Satyrinae

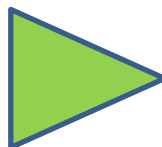


medioluto ibérica:
Melanargia lachesis

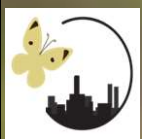
blanca y negra



otras
especies...



semele: *Hipparchia semele*
dos ocelos, parda y naranja



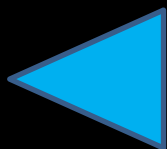
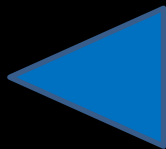
Pyronia bathseba



Brintesia circe (Rey Mozo)



Hipparchia statilinus
(Sátiro moreno)



AYUDAS IDENTIFICACIÓN

Mariposas y polillas de España y Europa

www.facebook.com/groups/1982937751934048/about/

Fotografía de insectos y otros artrópodos...

www.facebook.com/groups/InsectosIberia/

BiodiversidadVirtual

www.biodiversidadvirtual.org/taxofoto/taxofoto

Claves (pdf): *Thymelicus*, *Pseudophilotes*, *Pyronia*, *Coenonympha*...

The moth and butterfly identification forum

www.facebook.com/groups/TheMothAndButterflyIdentificationForum

Naturalmente, el Facebook de uBMS

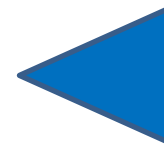
www.facebook.com/groups/voluntarios.ubms/

Guías en GBIF / Natusfera: natusfera.gbif.es/guides/72
y natusfera.gbif.es/guides/71

En papel:

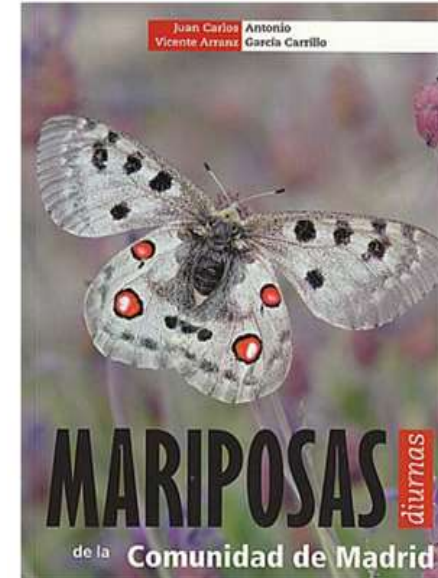
Tolman & Lewington, 2011

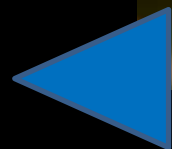
Lynx (cubre toda Europa)



inicio

pongamos que hablo...





inicio