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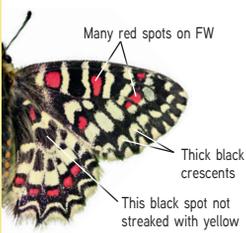
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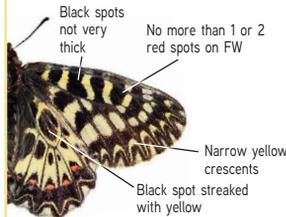
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1/3 On FW: [GC pale yellow or yellow] AND [3 or 4 rectangular black spots along leading edge]

1.1 On FW: Black spots all over the wing

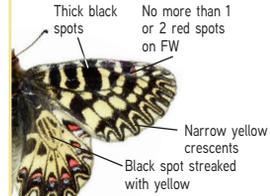


Spanish Festoon
p. 124



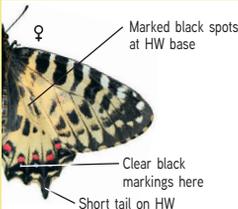
⚠ The 2 species are difficult to distinguish without genitalia examination

Southern Festoon
p. 125

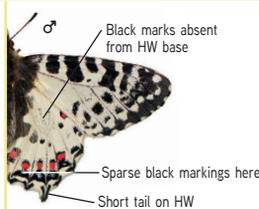


Italian Festoon
p. 126

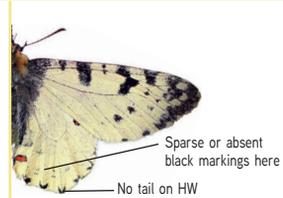
1.2 On FW: black spots concentrated near leading and outer edges



Eastern Festoon
p. 127



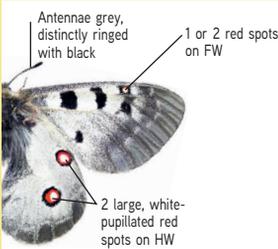
Eastern Festoon
p. 127



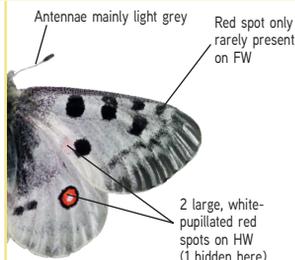
Cretran Festoon
p. 128

2/3 On FW: [GC pure white or cream] AND [wing margin transparent]

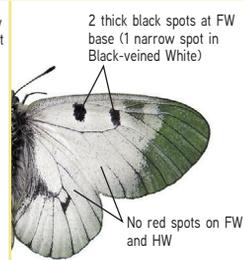
2.1 On HW : GC pure white



Small Apollo
p. 121

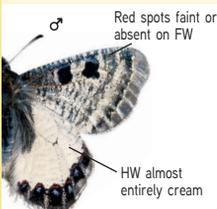


Apollo
p. 120

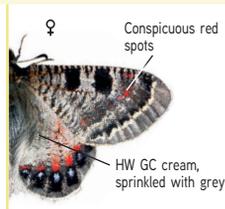


Clouded Apollo
p. 122

2.2 On HW: GC cream



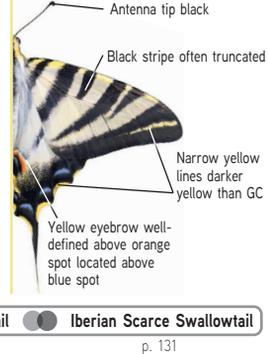
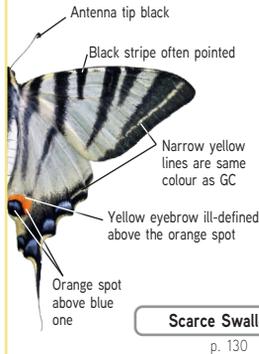
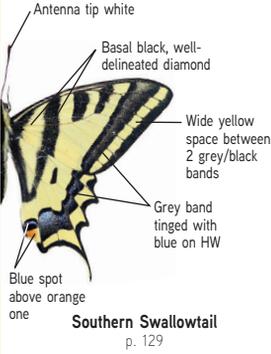
False Apollo
p. 123



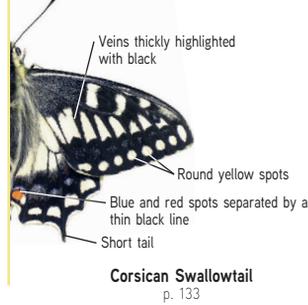
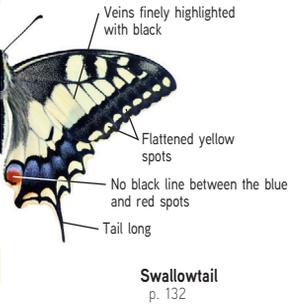
False Apollo
p. 123

3/3 On FW: GC pale yellow to yellow
On HW: [conspicuous tail] AND [blue spot along with vivid orange spot]

3.1 On FW: veins not highlighted in black



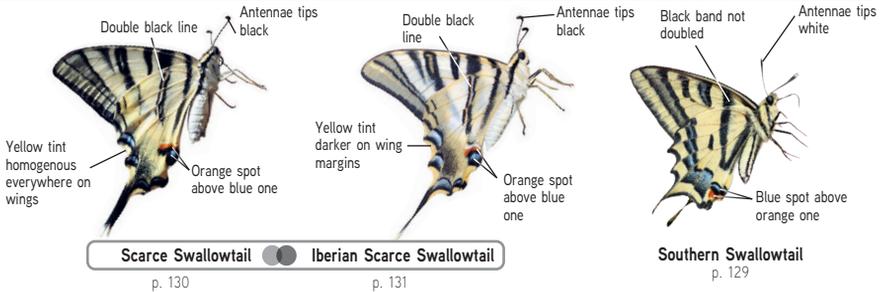
3.2 On FW: veins highlighted with black



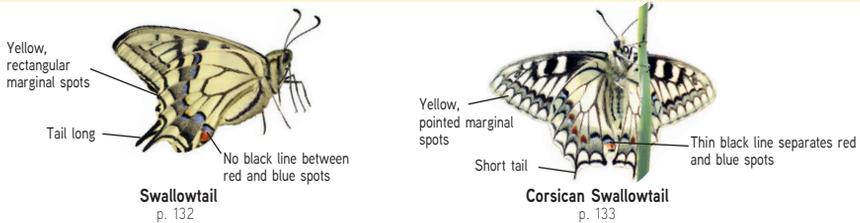
Scarce Swallowtail ● **Iberian Scarce Swallowtail**
p. 130 p. 131

1/3 On HW: [GC yellow] AND [conspicuous tail]

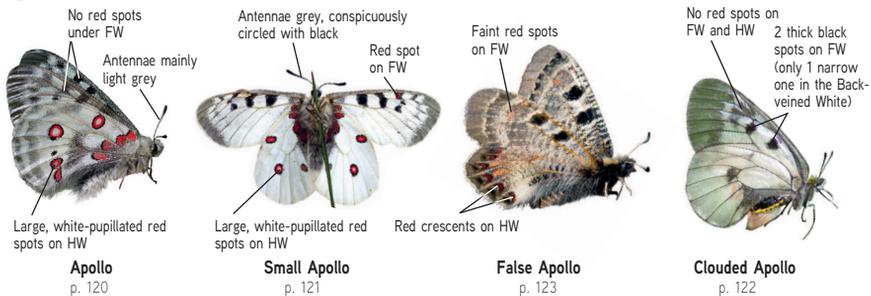
1.1 On HW: [black stripes] AND [veins not highlighted with black]



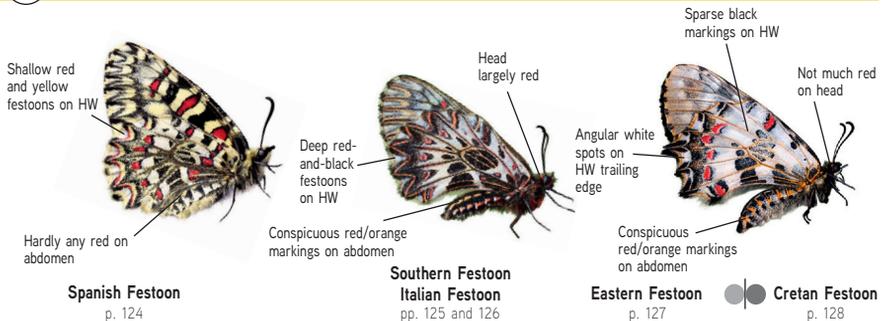
1.2 On HW: veins highlighted with black



2/3 On FW: wing margin transparent

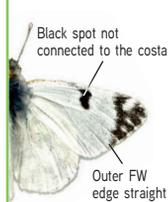
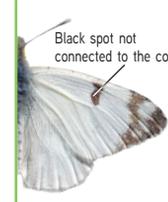
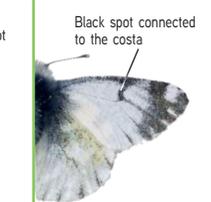


3/3 On HW: [GC whitish to pale yellow] AND [GC variegated with red, black, and yellow]

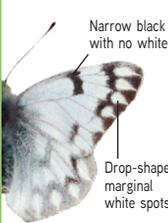
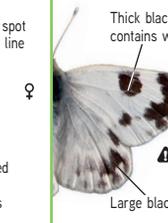
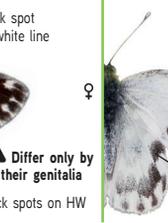
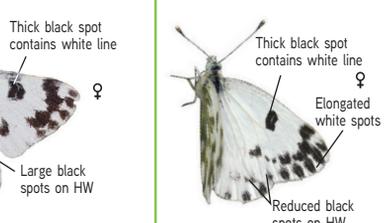


1/9 On FW: [GC white] AND [1 long black spot in the middle of the costa]

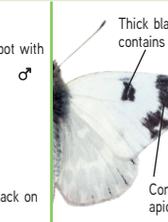
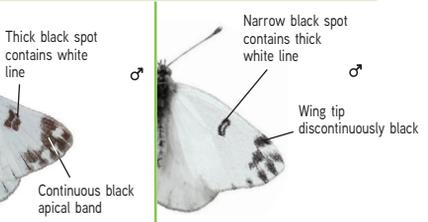
1.1 On FW: Wing tip black, with several white spots; 1 is much larger

				
Black spot not connected to the costa	Black spot not connected to the costa	Black spot not connected to the costa	Thick black spot containing a white line	Black spot connected to the costa
Outer FW edge slightly convex	Outer FW edge straight			
Eastern Dappled White p. 215	Western Dappled White Portuguese Dappled White pp. 214 and 217	Corsican Dappled White p. 213	Green-striped White / Canary Green-striped Whites pp. 218 and 219	Mountain Dappled White p. 216

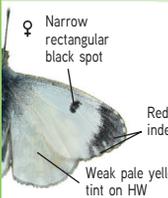
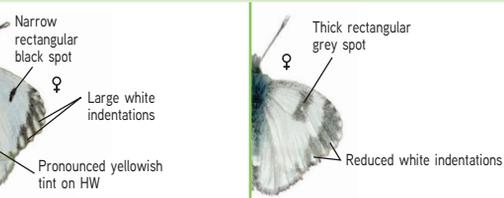
1.2 On FW: wing tip black with several white spots of similar size
On HW: black marginal spots

			
Narrow black spot with no white line	Thick black spot contains white line	Thick black spot contains white line	Thick black spot contains white line
Drop-shaped marginal white spots	Large black spots on HW	Large black spots on HW	Elongated white spots
Peak White p. 209	Bath White ● Eastern Bath White p. 206 p. 207		Small Bath White p. 208

1.3 On FW: wing tip black, with several white spots of similar size
On HW: no black marginal spots

			
Narrow black spot with no white line	Thick black spot contains a white line	Thick black spot contains white line	Narrow black spot contains thick white line
Hardly any black on wing tip	Continuous black apical band	Continuous black apical band	Wing tip discontinuously black
Peak White p. 209	Bath White ● Eastern Bath White p. 206 p. 207		Small Bath White p. 208

1.4 On FW: wing tip black, indented with white on outer edge

		
Narrow rectangular black spot	Narrow rectangular black spot	Thick rectangular grey spot
Reduced white indentations	Large white indentations	Reduced white indentations
Weak pale yellowish tint on HW	Pronounced yellowish tint on HW	
Orange-tip p. 182	Eastern Orange-tip p. 185	Grüner's Orange-tip p. 183

2/9 On FW: [GC sulphur yellow] AND [1 large black spot close to the middle of the costa]



Greenish Black-tip
p. 212



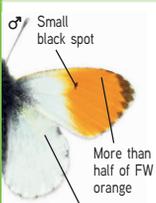
Spanish Greenish Black-tip
p. 211



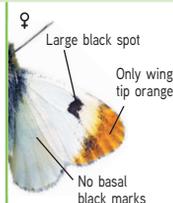
Eastern Greenish Black-tip
p. 210

3/9 On FW: [GC white, pale yellow, or yellow] AND [wing tip orange or with an orange spot]

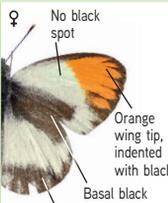
3.1 On FW: GC white



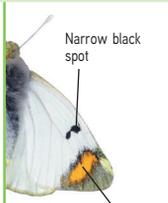
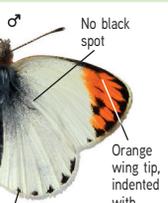
Orange-tip
p. 182



Provence Orange-tip
p. 184

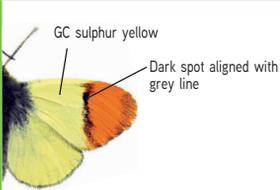


Desert Orange-tip
p. 186

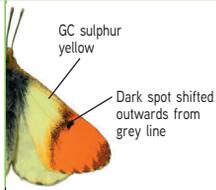


Lederer's Sooty Orange-tip
p. 187

3.2 On FW: GC pale or sulphur yellow



Provence Orange-tip
p. 184



Eastern Orange-tip
p. 185

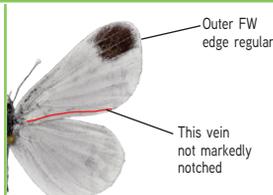


Grüner's Orange-tip
p. 183

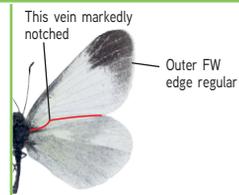
4/9 On FW: [GC white] AND [wing tip very rounded, with a dark spot]



Fenton's Wood White
p. 230



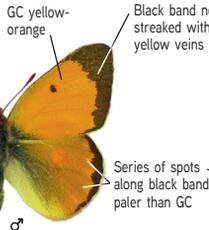
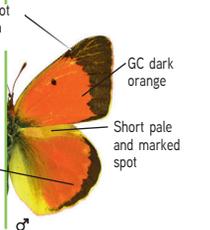
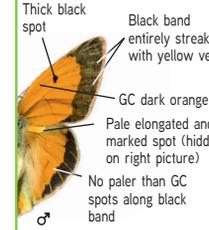
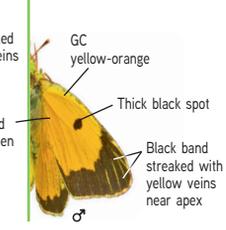
Wood White
Cryptic Wood White
Réal's Wood White
p. 229

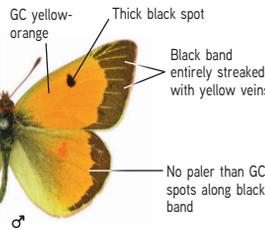
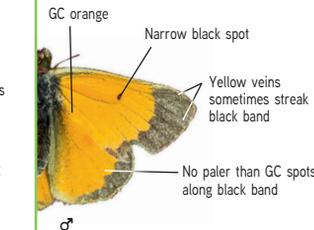


Eastern Wood White
p. 228

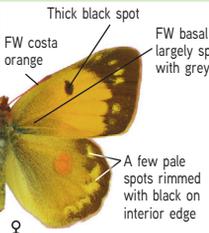
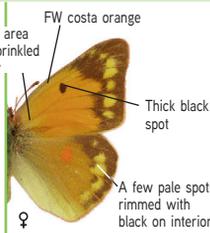
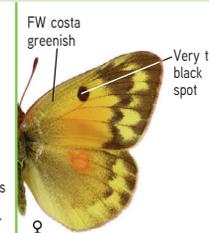
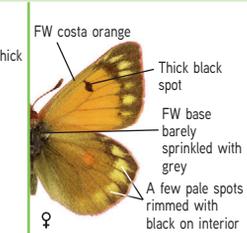
5/9 Head top, antennae, and legs tinged with pink
On FW and HW: GC orange

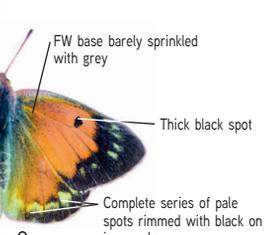
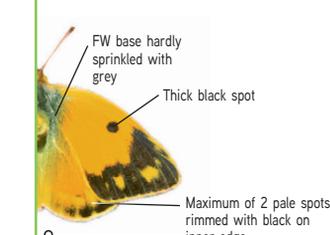
5.1 On FW: black band along outer edge that contains no pale spots

 <p>GC yellow-orange Black band not streaked with yellow veins Series of spots along black band paler than GC</p> <p>♂</p>	 <p>Black band not streaked with yellow veins GC dark orange Short pale and marked spot</p> <p>♂</p>	 <p>Thick black spot Black band entirely streaked with yellow veins GC dark orange Pale elongated and marked spot (hidden on right picture) No paler than GC spots along black band</p> <p>♂</p>	 <p>GC yellow-orange Thick black spot Black band streaked with yellow veins near apex</p> <p>♂</p>
<p>Danube Clouded Yellow ●● p. 199</p>	<p>Balkan Clouded Yellow ●● p. 200</p>	<p>Greek Clouded Yellow ●● p. 198</p>	<p>Clouded Yellow ●● p. 196</p>

 <p>GC yellow-orange Thick black spot Black band entirely streaked with yellow veins No paler than GC spots along black band</p> <p>♂</p>	 <p>GC orange Narrow black spot Yellow veins sometimes streak black band No paler than GC spots along black band</p> <p>♂</p>
<p>Lesser Clouded Yellow ●● p. 197</p>	<p>Northern Clouded Yellow ●● p. 201</p>

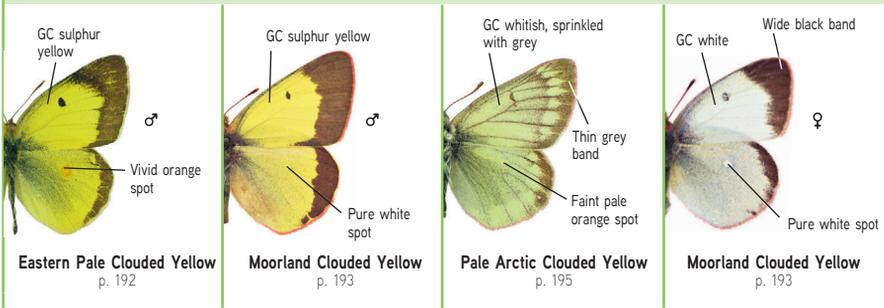
5.2 On FW : a black band containing pale spots

 <p>Thick black spot FW costa orange A few pale spots rimmed with black on interior edge</p> <p>♀</p>	 <p>FW basal area largely sprinkled with grey FW costa orange Thick black spot A few pale spots rimmed with black on interior edge</p> <p>♀</p>	 <p>FW costa greenish Very thick black spot A few pale spots rimmed with black on interior edge</p> <p>♀</p>	 <p>FW costa orange Thick black spot FW base barely sprinkled with grey A few pale spots rimmed with black on interior edge</p> <p>♀</p>
<p>Danube Clouded Yellow ●● p. 199</p>	<p>Greek Clouded Yellow ●● p. 198</p>	<p>Lesser Clouded Yellow ●● p. 197</p>	<p>Northern Clouded Yellow ●● p. 201</p>

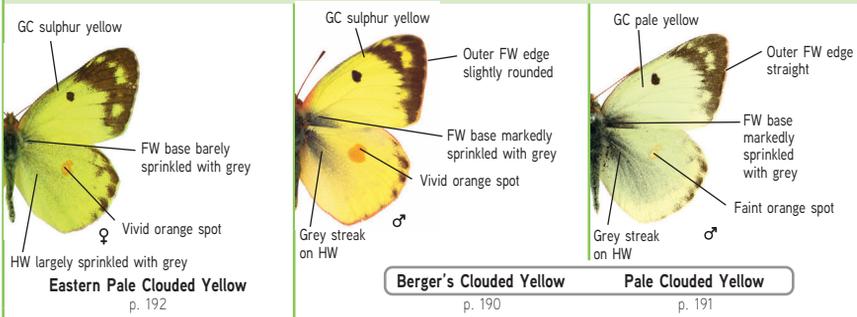
 <p>FW base barely sprinkled with grey Thick black spot Complete series of pale spots rimmed with black on inner edge</p> <p>♀</p>	 <p>FW base hardly sprinkled with grey Thick black spot Maximum of 2 pale spots rimmed with black on inner edge</p> <p>♀</p>
<p>Balkan Clouded Yellow ●● p. 200</p>	<p>Clouded Yellow ●● p. 196</p>

6/9 [FW and HW edged with pink] AND [GC white, grey, pale yellow, or yellow]

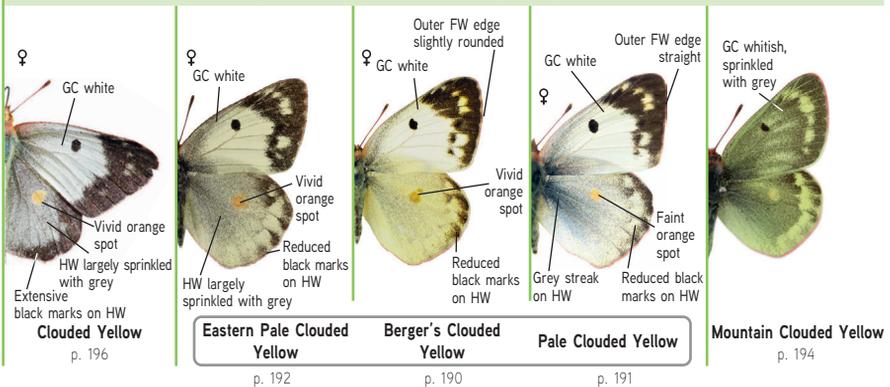
6.1 On FW: black or grey band with no pale spots



6.2 On FW : [GC pale yellow or yellow] AND [a black band with pale spots inside]

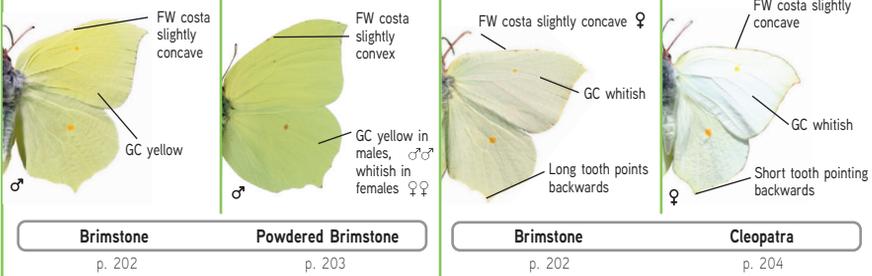


6.3 On FW: [GC white or grey] AND [black band with pale spots]

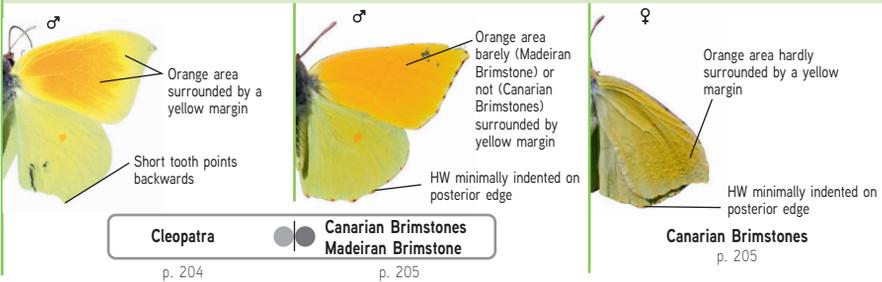


7/9 On FW: [GC whitish, pale yellow, or yellow and orange] AND [wing tip pointed, hooking backwards]
On HW: [1 small orange spot in middle of wing] AND [trailing edge variably pointing backwards]

7.1 On FW: [GC whitish, pale yellow, or yellow] AND [tiny orange spot in middle of wing]

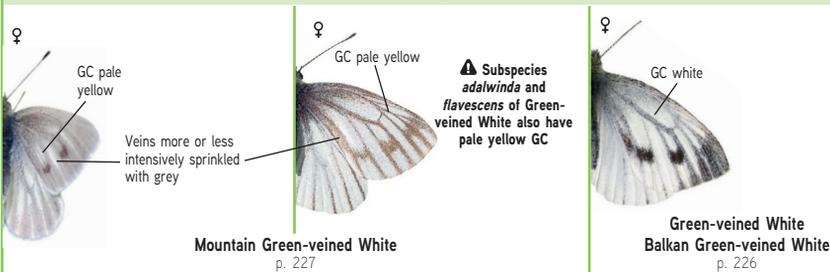


7.2 On FW: [GC pale yellow or yellow] AND [very large orange area in middle of wing]

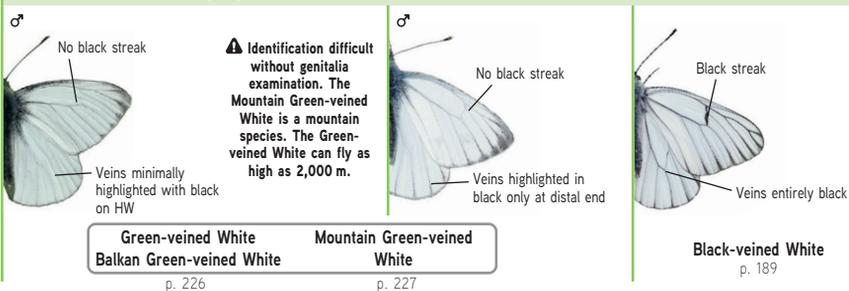


8/9 On FW: [GC white or pale yellow] AND [veins black or sprinkled with grey]

8.1 On FW: Veins abundantly sprinkled with grey



8.2 On FW: veins highlighted in black

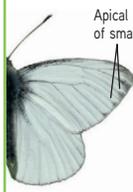


9/9 On FW: [GC white] AND [black apical mark variably extends along wing's leading and outer edges]

9.1 On FW: no black spot in middle of wing



Large White
p. 222

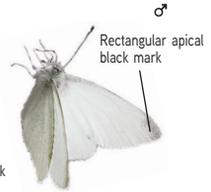


Green-veined White
Balkan Green-veined White
p. 226

⚠ Identification difficult without genitalia examination. The Mountain Green-veined White is a mountain species. The Green-veined White can fly as high as 2,000 m.

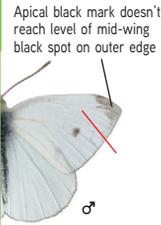


Mountain Green-veined White
p. 227



Mountain Small White
p. 225

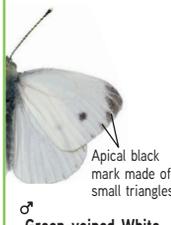
9.2 On FW: black spot in middle of wing



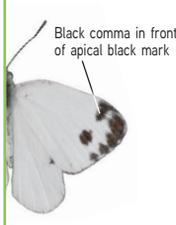
Small White
p. 223



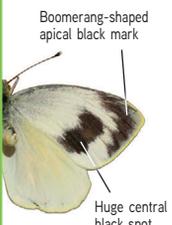
Southern Small White
p. 224



Green-veined White
Balkan Green-veined White
p. 226

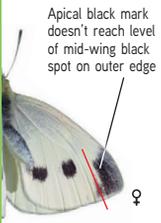


Krueper's Small White
p. 220

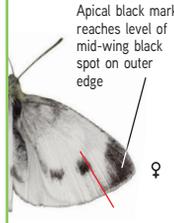


Canary Islands Large White
p. 221

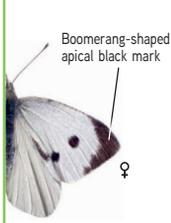
9.3 On FW: [round black spot in middle of wing] AND [comma-shaped black spot at back of wing]



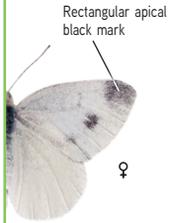
Small White
p. 223



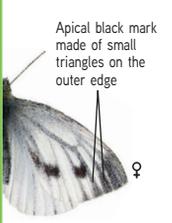
Southern Small White
p. 224



Large White
p. 222



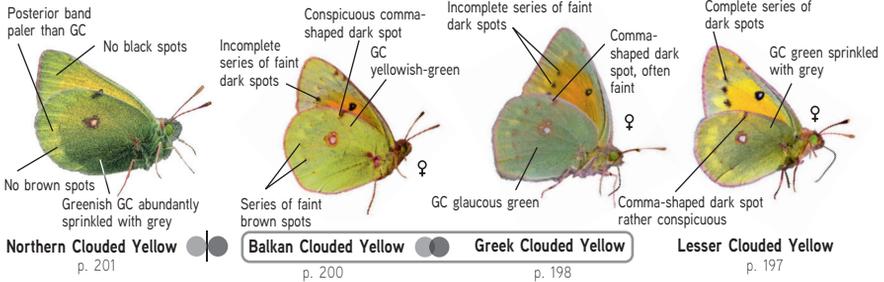
Mountain Small White
p. 225



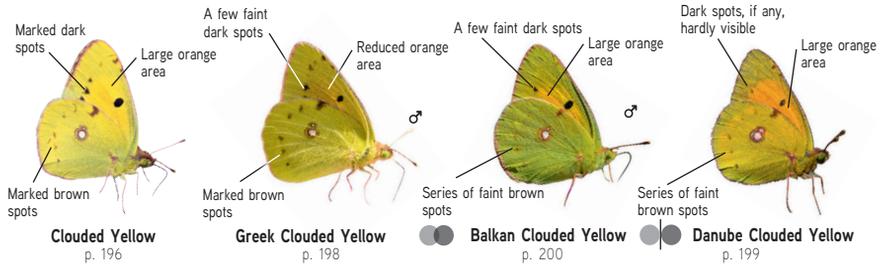
Green-veined White
Balkan Green-veined White
p. 226

1/8 FW and HW edged with pink

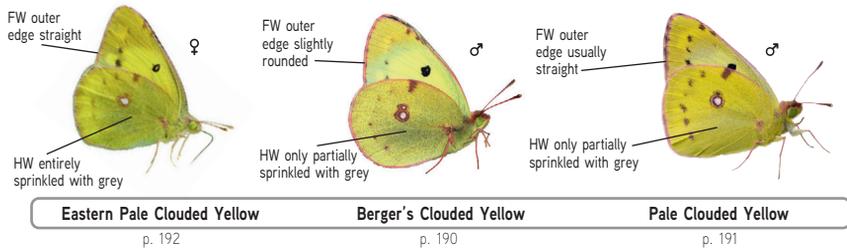
1.1 On FW: GC pale or vivid orange
On HW: GC greenish



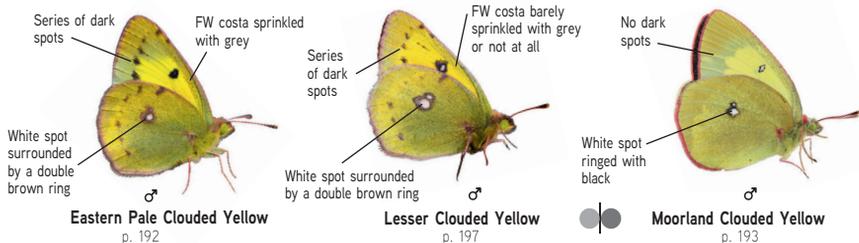
1.2 On FW: GC pale or vivid orange
On HW: GC yellowish



1.3 On FW: [GC pale or vivid yellow] AND [pale spots in outer dark band visible via transparency]

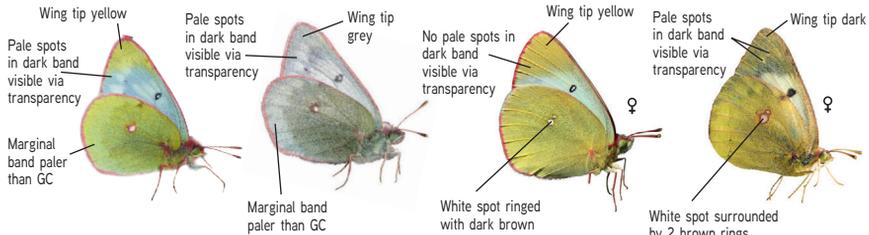


1.4 On FW: [GC pale or vivid yellow] AND [no pale spots in outer dark band visible via transparency]



1/8 FW and HW edged with pink

- 1.5 On FW: [GC white] AND [wing tip yellow or darker than GC]
On HW: no marginal brown spots



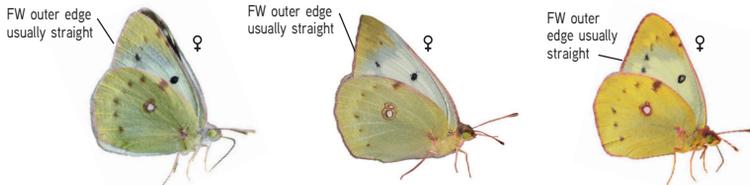
Mountain Clouded Yellow
p. 194

Pale Arctic Clouded Yellow
p. 195

Moorland Clouded Yellow
p. 193

Danube Clouded Yellow
p. 199

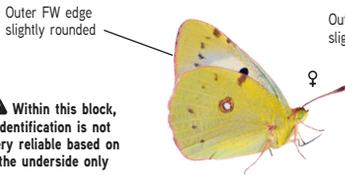
- 1.6 On FW: [GC white] AND [wing tip yellow]
On HW: 1 series of marginal brown spots



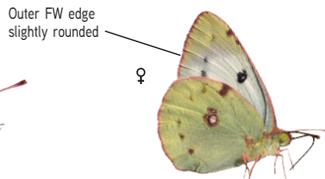
Eastern Pale Clouded Yellow
p. 192

Greek Clouded Yellow
p. 198

Pale Clouded Yellow
p. 191



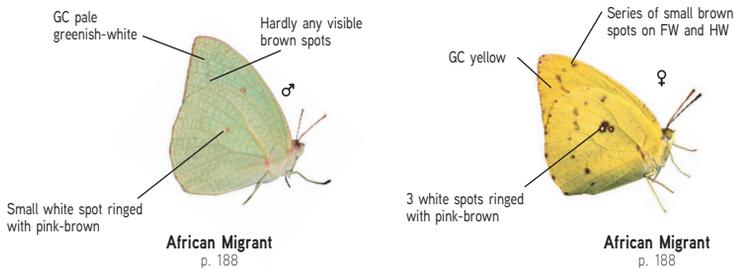
Clouded Yellow
p. 196



Berger's Clouded Yellow
p. 190

⚠ Within this block, identification is not very reliable based on the underside only

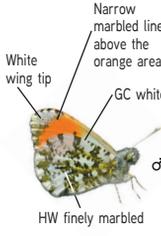
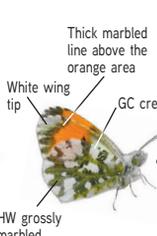
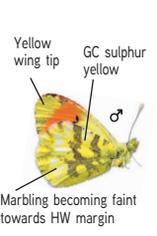
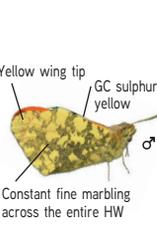
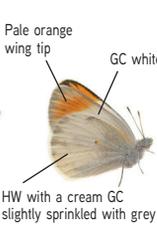
2/8 Both wings GC pale greenish-white or pale yellow with small brown spots



African Migrant
p. 188

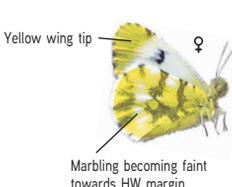
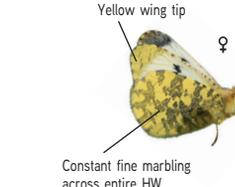
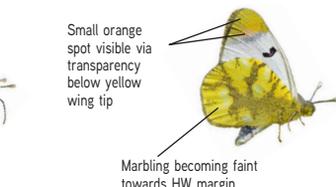
African Migrant
p. 188

3/8 On FW: 1 conspicuous large orange spot at or below wing tip

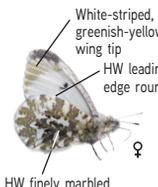
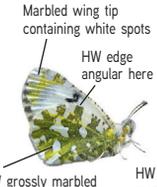
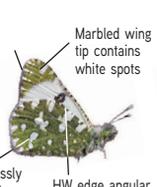
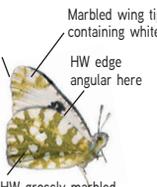
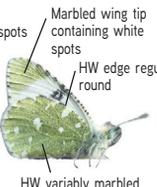
 <p>Narrow marbled line above the orange area White wing tip GC white HW finely marbled</p>	 <p>Thick marbled line above the orange area White wing tip GC cream HW grossly marbled</p>	 <p>Yellow wing tip GC sulphur yellow ♂ Marbling becoming faint towards HW margin</p>	 <p>Yellow wing tip GC sulphur yellow ♂ Constant fine marbling across the entire HW</p>	 <p>Pale orange wing tip GC white ♂ HW with a cream GC slightly sprinkled with grey</p>
Orange-tip p. 182	Grüner's Orange-tip p. 183	Provence Orange-tip p. 184	Eastern Orange-tip p. 185	Desert Orange-tip p. 186

4/8 On HW: [greenish-yellow marbling] AND [rounded pale spots between marbled areas]

4.1 On FW: GC white
On HW: rounded spaces between marbled areas are yellow

 <p>Yellow wing tip ♀ Marbling becoming faint towards HW margin</p>	 <p>Yellow wing tip ♀ Constant fine marbling across entire HW</p>	 <p>Small orange spot visible via transparency below yellow wing tip Marbling becoming faint towards HW margin</p>
Provence Orange-tip p. 184	Eastern Orange-tip p. 185	Lederer's Sooty Orange-tip p. 187

4.2 On FW: GC white
On HW: rounded spaces between marbled areas are white

 <p>White-striped, greenish-yellow wing tip HW leading edge round HW finely marbled</p>	 <p>Marbled wing tip containing white spots HW edge angular here HW grossly marbled</p>	 <p>Marbled wing tip containing white spots HW edge angular here HW grossly marbled</p>	 <p>Marbled wing tip containing white spots HW edge angular here HW grossly marbled</p>	 <p>Marbled wing tip containing white spots HW edge regularly round HW variably marbled</p>
Orange-tip p. 182	Mountain Dappled White p. 216	Western Dappled White Corsican Dappled White pp. 214 and 213	Eastern Dappled White p. 215	Portuguese Dappled White p. 217

4.3 On FW: GC pale or sulphur yellow
On HW: a few pale spots on a greenish marbled background

 <p>Greenish Black-tip</p>	 <p>Eastern Greenish Black-tip</p>	 <p>Spanish Greenish Black-tip</p>
p. 212	p. 210	p. 211

5/8 On HW: a white band or long white spots between yellowish-green marbled areas

Green-marbled wing tip
Thick black spot
Short white stripes

⚠ Differ only by their genitalia

Green-marbled wing tip
Thick black spot
Regular FW outer edge
Short white stripes

Green-marbled wing tip
Thick black spot
FW outer edge slightly angular
Long white stripes

Green-marbled wing tip
Thick black spot

Green-striped wing tip
Thick black spot
Crosswise white stripes

Apex veins sprinkled with greyish-green
Narrow black spot
Arrowhead-shaped pale spots

Bath White p. 206

Eastern Bath White p. 207

Small Bath White p. 208

Green-striped White p. 218 and 219

Canarian Green-striped Whites p. 218 and 219

Peak White p. 209

6/8 On FW: [wing tip hooking backwards] AND [GC white, yellow, or yellow and orange]
On HW: a more or less marked tooth on trailing edge

6.1 On HW: GC pale yellow or yellow

No orange
Costa slightly convex
Long tooth points from undulated edge

♂

Long tooth pointing from regular edge

Costa slightly concave

♂

Large orange area in middle of FW

♂

Short tooth

Large orange area in middle of FW

♂

Barely any tooth pointing from undulated edge

♂

Powdered Brimstone p. 203

Brimstone p. 202

Cleopatra
Madeiran Brimstone p. 204 and 205

Canarian Brimstones p. 205

6.2 On HW: GC pale green

Costa slightly concave
Long tooth points from regular edge

♀

Narrow pale orange streak

Costa slightly concave

Short tooth

♀

Pale FW middle (hidden here) contrasts with greenish costal area

Costa slightly convex

Long tooth points from undulated edge

♀

Large orange area in middle of FW

♀

Barely any tooth points from undulated edge

♀

Brimstone p. 202

Cleopatra p. 204

Powdered Brimstone p. 203

Canarian Brimstones p. 205

7/8 On FW: [GC white, with an apical, rounded dark spot] AND [wing tip very rounded]

Outer FW edge regularly rounded
Short pale spot

Outer FW edge regularly rounded

Outer FW edge regularly rounded

⚠ Summer-generation females are difficult to distinguish

Outer FW edge regularly rounded

Outer FW edge slightly falcated

Long pale spot reaching HW base

Conspicuous white area below antennal clubs in ♂♂

No conspicuous white area below antennal clubs in ♂♂ and ♀♀

Eastern Wood White p. 228

Wood White
Réal's Wood White
Cryptic Wood White p. 229

Wood White
Réal's Wood White
Cryptic Wood White p. 229

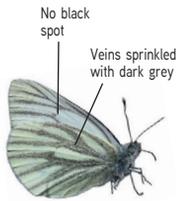
Eastern Wood White p. 228

Fenton's Wood White p. 230

8/8 On FW: [GC white or tinged with pale yellow] AND [wing tip pointed or slightly rounded]

8.1 On HW: veins intensively sprinkled with grey or highlighted in black

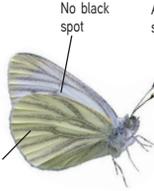
⚠ Identification reliable only by genitalia examination



Mountain Green-veined White

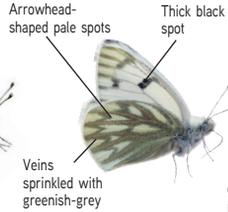
p. 227

Veins sprinkled with dark grey (more diffusely in Balkan Green-veined White)



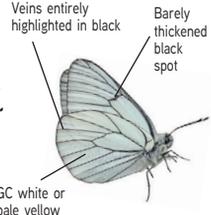
Green-veined White
Balkan Green-veined White

p. 226



Peak White

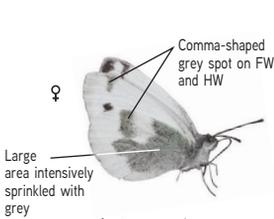
p. 209



Black-veined White

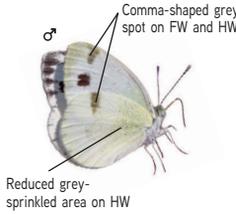
p. 189

8.2 On HW: [conspicuous grey spots or areas] OR [veins slightly sprinkled with grey]



Krueper's Small White

p. 220



Krueper's Small White

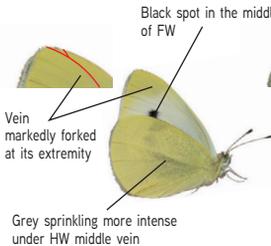
p. 220



Green-veined White
Balkan Green-veined White

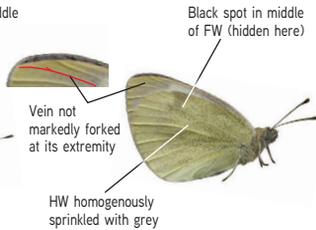
p. 226

8.3 On HW: [GC whitish or pale yellow] AND [grey sprinkling between veins variably intense]



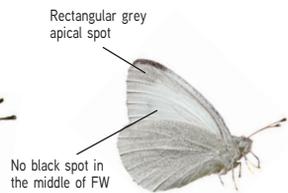
Small White

p. 223



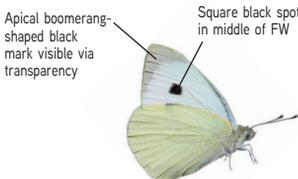
Southern Small White

p. 224



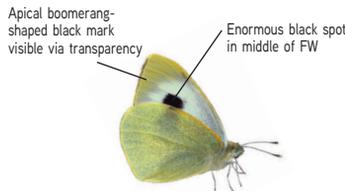
Mountain Small White

p. 225



Large White

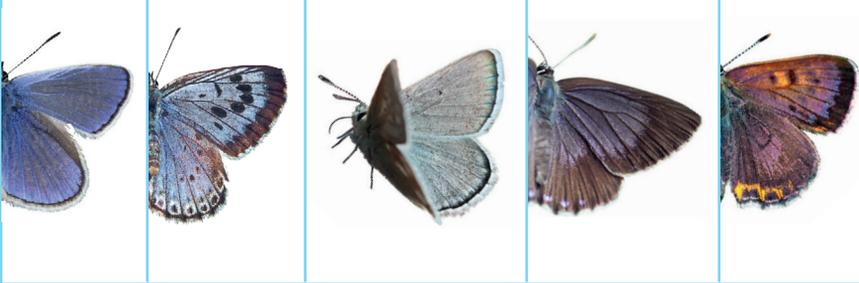
p. 222



Canary Islands Large White

p. 221

1/3 On FW: GC blue with various tints (greyish-blue, light blue, azure blue, royal blue, purple-blue, or dull blue)



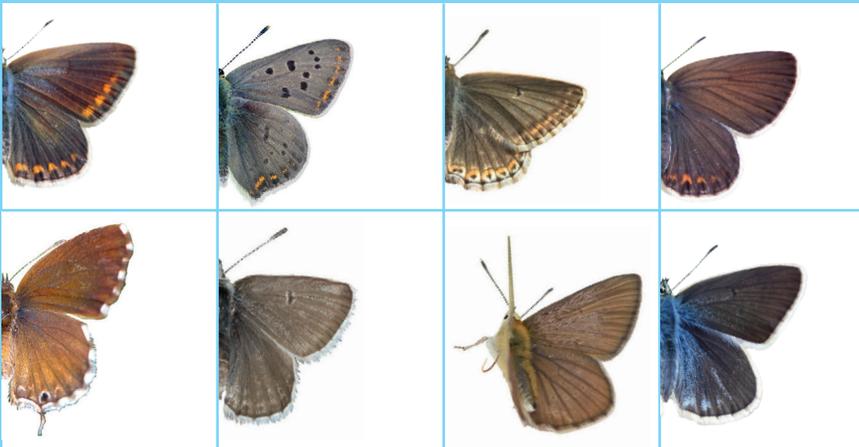
→ Page 55

2/3 On FW: GC orange (black spots or purple reflections possible)



→ Page 61

3/3 On FW: GC brown with various tints, sometimes a reduced basal blue area



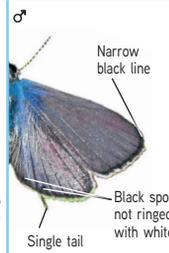
→ Page 63

1/8 On HW: at least 1 posterior tail (beware of worn butterflies)

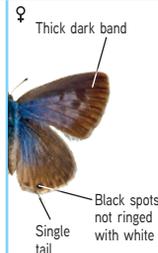
1.1 On HW: [long posterior tail] AND [no dark lines across wing]



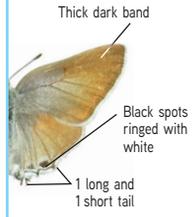
Long-tailed Blue
p. 263



Lang's Short-tailed Blue
p. 264

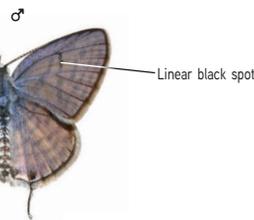


⚠ **Extremely rare vagrant**

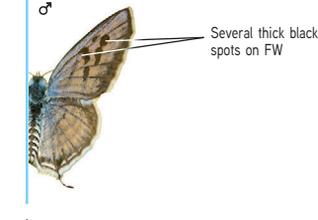


Pomegranate Playboy
p. 250

1.2 On HW: [posterior tail] AND [dark lines across wing]

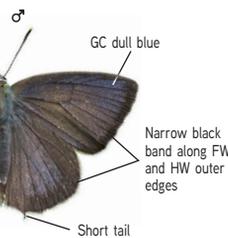


Common Tiger Blue
p. 272

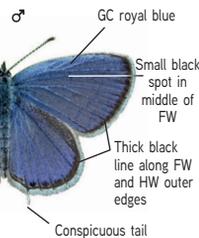


Small Tiger Blue
p. 271

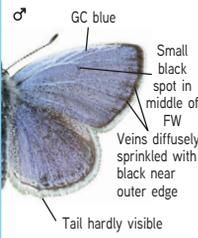
1.3 On HW: 1 short posterior tail



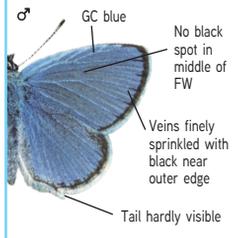
Purple Hairstreak
p. 252



Short-tailed Blue
p. 292

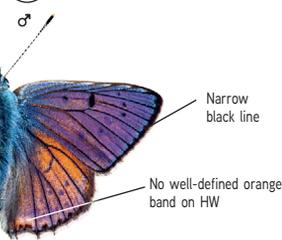


Eastern Short-tailed Blue
p. 288

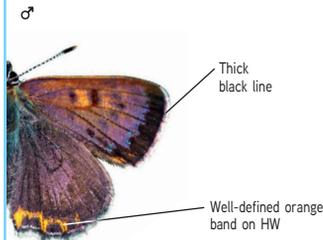


Provençal Short-tailed Blue
p. 287

2/8 On FW and HW: GC purple with iridescent reflections



Purple-shot Copper
p. 240



Violet Copper
p. 241

KEY TO LYCAENIDAE

3/8 On FW (and often HW): fringes chequered

3.1 On HW: [GC greyish-blue, light or very light blue] AND [white-ringed black spots along the posterior edge]



Provence Chalkhill Blue

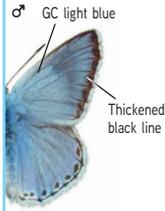
p. 314



Chalkhill Blue

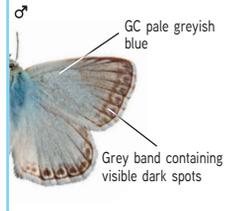
p. 313

⚠ **2 species that are difficult to distinguish. Provence Chalkhill Blue can fly in late April; late May for Chalkhill Blue**



●● **Azure Chalkhill Blue**

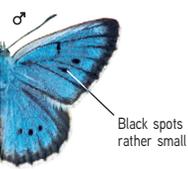
p. 312



Spanish Chalkhill Blue

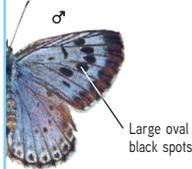
p. 315

3.2 On FW: several oval black spots



Scarce Large Blue

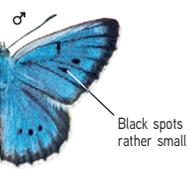
p. 294



Large Blue

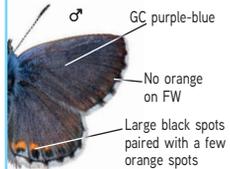
p. 293

3.3 On FW (and sometimes HW): [GC azure blue or purple-blue] AND [series of orange spots along posterior edge]



Adonis Blue

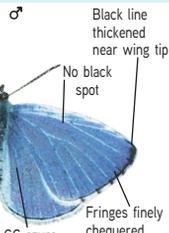
p. 311



Bavius Blue

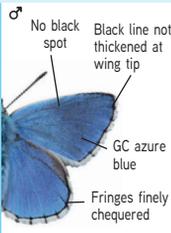
p. 279

3.4 On FW and HW: [GC azure, blue or light blue] AND [no orange]



Holly Blue

p. 297



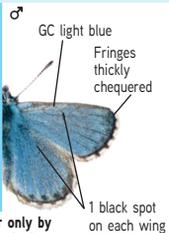
Adonis Blue

p. 311



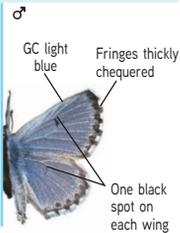
Eastern Baton Blue

p. 278



●● **Baton Blue**

p. 277



●● **Panoptes Blue**

p. 276

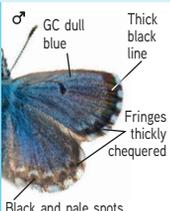
⚠ **Differ only by their genitalia**

3.5 On FW and HW: [GC blue, purple-blue, lilac blue, or dull blue] AND [no orange]



Chequered Blue

p. 280



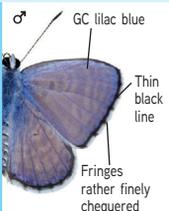
False Baton Blue

p. 275



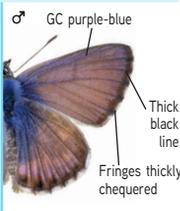
Panoptes Blue

pp. 276 and 275



●● **African Babul Blue**

p. 265



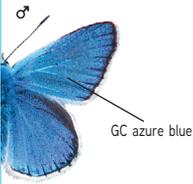
●● **Canary Blue**

p. 261

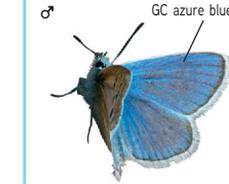
4/8

On FW and HW: [fringes white and not chequered] AND [GC azure or light blue]

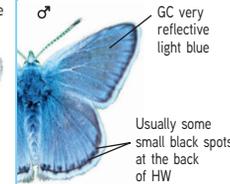
4.1 On FW and HW: thin black line along wings' outer and posterior edges



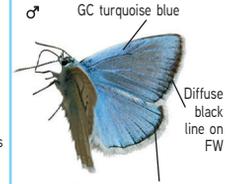
Turquoise Blue
p. 335



**Nevada Blue
Sagra Blue**
p. 336

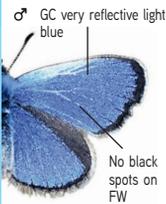


Eros Blue
p. 333

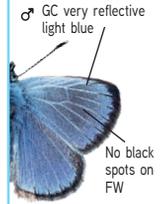


Chelmos Blue
p. 338

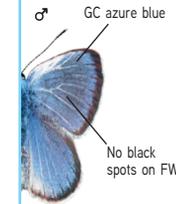
4.2 On FW (sometimes HW): thick black line with clean inner edge



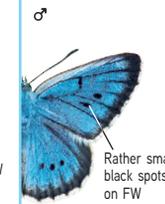
Paphos blue
p. 283



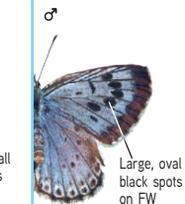
Black-eyed Blue
p. 282



Green-underside Blue
p. 281



Scarce Large Blue
p. 294

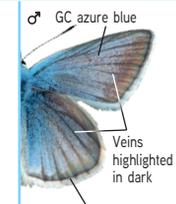


Large Blue
p. 293

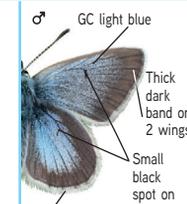
4.3 On FW (and sometimes HW): thick, diffuse dark band along outer edge



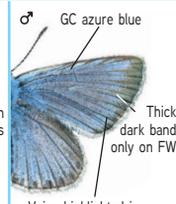
Meleager's Blue
p. 328



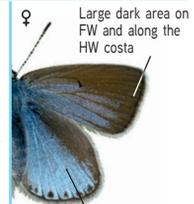
Damon Blue
p. 341



Silvery Argus
p. 304



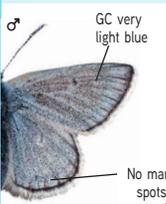
Amanda's Blue
p. 334



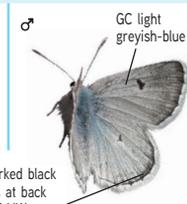
5/8

On FW and HW: [fringes white, not chequered] AND [GC greyish-blue or very light blue]

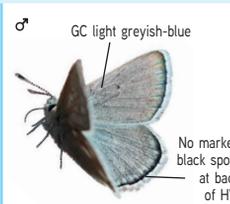
5.1 On FW and HW: 1 black spot in middle of wing, sometimes hardly visible on HW



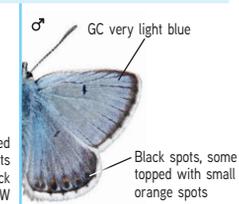
Arctic Blue
p. 301



Bosnian Blue
p. 302



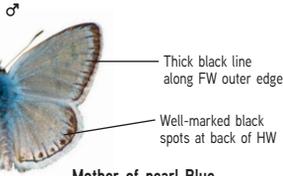
Gavarnie Blue
p. 299



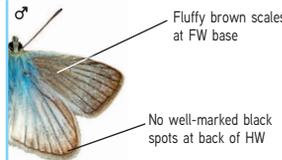
Blue Argus
p. 310

5/8 On FW and HW : [fringes white not chequered]
AND [GC greyish-blue or very light blue]

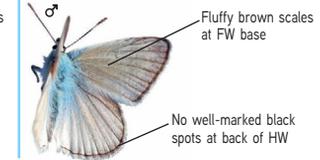
5.2 On FW and HW: no black spot in middle of wing



Mother-of-pearl Blue
p. 337



Catalonian Furry Blue
p. 340

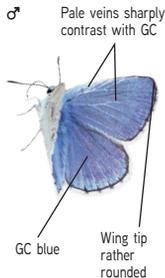


Furry Blue
p. 339

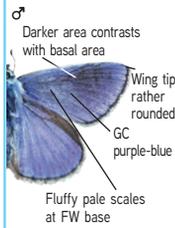
6/8 On FW and HW: [fringes white, not chequered, and lined with black] AND
[GC blue, purple-blue, or dull blue]

⚠ Within this block, identification is difficult using upperside only

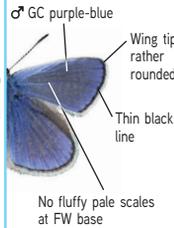
6.1 On FW and HW: GC blue or purple-blue
On HW: no small black spots along trailing edge



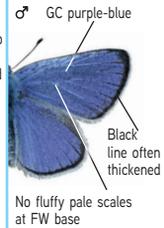
Escher's Blue
p. 332



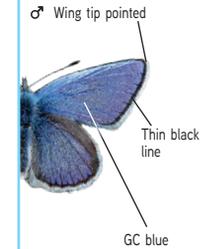
Chapman's Blue
p. 331



Common Blue
p. 329



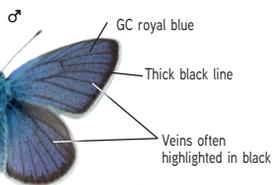
Southern Common Blue
p. 330



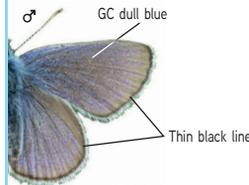
Alpine Blue
p. 298

⚠ Can reliably identify only with genetic data

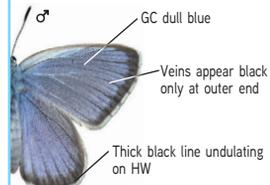
6.2 On FW and HW: GC royal blue or dull blue
On HW: no small black spots along trailing edge



Mazarine Blue
p. 285

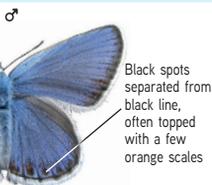


Osiris Blue
p. 290

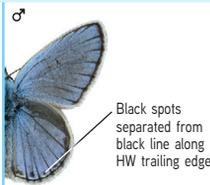


Alcon Blue
p. 295

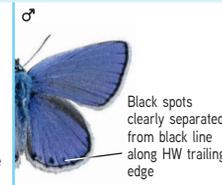
6.3 On FW and HW: GC blue
On HW: small black spots along trailing edge



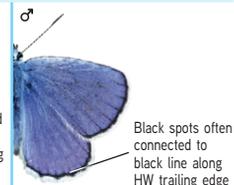
Alpine Zephyr Blue
p. 318



Spanish Zephyr Blue
p. 320



Zephyr Blue
p. 317



Reverdin's Blue
p. 321

7/8

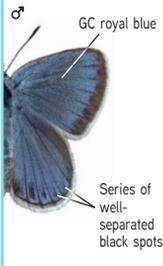
On HW and FW: [fringes white, not chequered, bordered by thick black line]
AND [GC royal blue, purple-blue, or dull blue]

⚠ Identification is difficult within this block using upperside only

7.1 On FW: no black spot in middle of wing
On HW: small spots or an undulated black line along trailing edge



Bright Babul Blue
p. 266



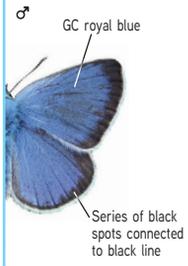
Alpine Zephyr Blue
p. 318



Loew's Blue
p. 326

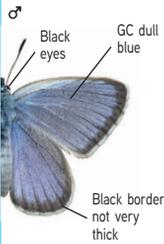


Idas Blue
p. 323

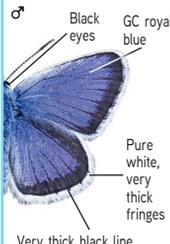


Silver-studded Blue
p. 322

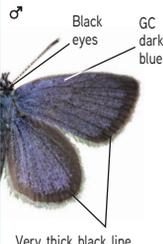
7.2 On FW: no black spot in middle of wing
On HW: thick, regular black border along trailing edge



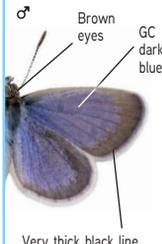
Alcon Blue
p. 295



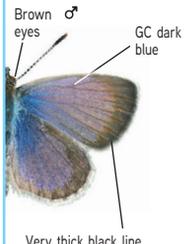
Silver-studded Blue
p. 322



Lorquin's Blue
p. 291

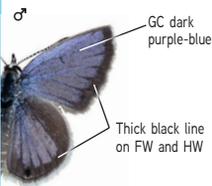


Dark Grass Blue
p. 268

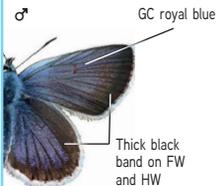


African Grass Blue
p. 267

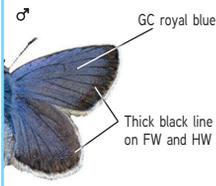
7.3 On FW : 1 linear black spot in the middle of the wing



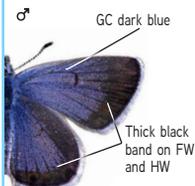
Small Desert Blue
p. 269



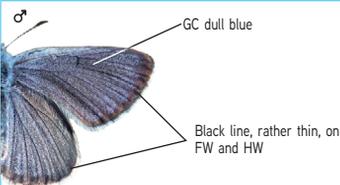
Silver-studded Blue
p. 322



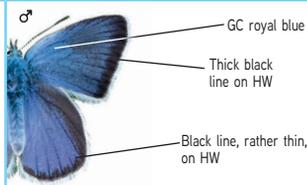
Bellier's Blue
p. 324



Odd-spot Blue
p. 273



Alcon Blue
p. 295



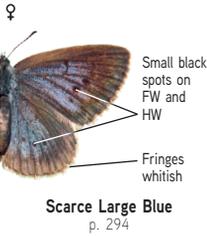
Pontic Blue
p. 286

8/8

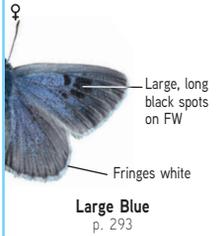
On FW and HW: [fringes not chequered and bordered by thick dark band] AND [GC royal blue, purple-blue, or dull blue]

⚠ Within this block, identification is difficult using upside only

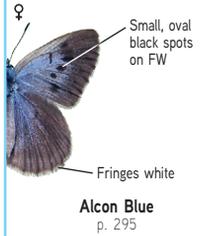
8.1 On FW (and sometimes on HW): [several round or oval black spots in blue area] AND [no orange]



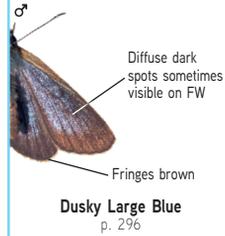
Scarce Large Blue
p. 294



Large Blue
p. 293

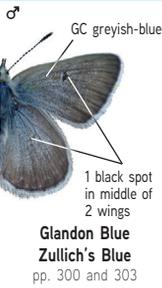


Alcon Blue
p. 295

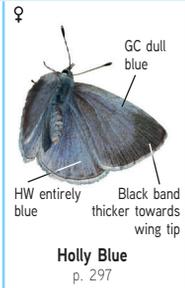


Dusky Large Blue
p. 296

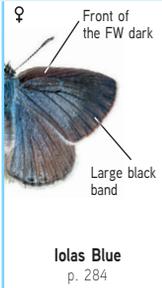
8.2 On FW (and sometimes HW) : [no more than 1 black spot in the middle of the wing] AND [no orange]
On HW : a series of small black or blue spots near the trailing edge



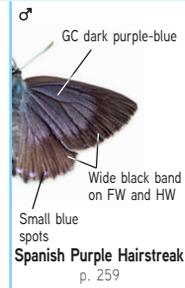
Glandon Blue
Zullich's Blue
pp. 300 and 303



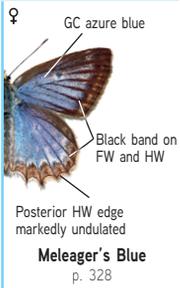
Holly Blue
p. 297



Iolas Blue
p. 284



Spanish Purple Hairstreak
p. 259



Meleager's Blue
p. 328

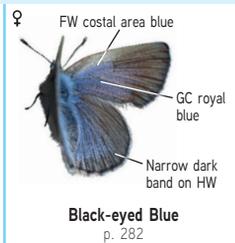
8.3 On FW (sometimes HW): [no more than 1 black spot in middle of wing] AND [no orange]
On HW: no small black or blue spots near trailing edge



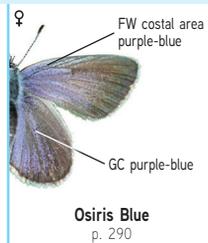
Bellier's Blue
p. 324



African Grass Blue
p. 267

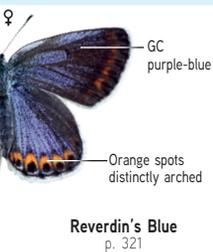


Black-eyed Blue
p. 282



Osiris Blue
p. 290

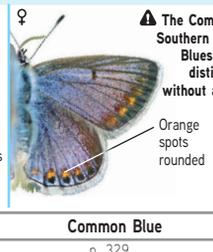
8.4 On FW (and often on the HW): several marginal orange spots



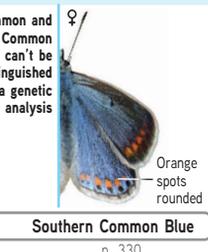
Reverdin's Blue
p. 321



Chapman's Blue
p. 331



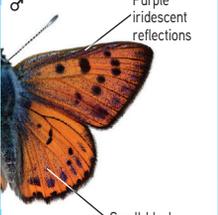
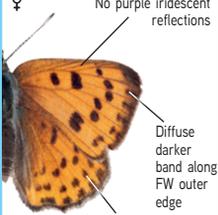
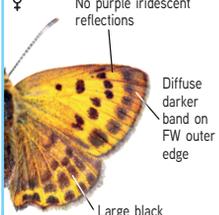
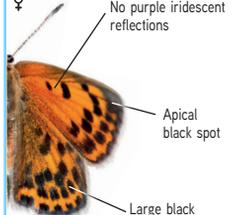
Common Blue
p. 329

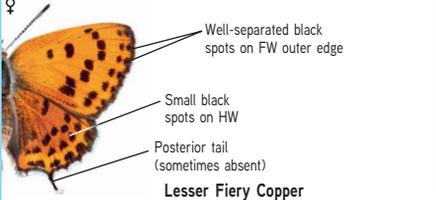
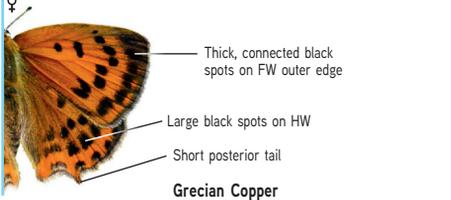


Southern Common Blue
p. 330

⚠ The Common and Southern Common Blues can't be distinguished without a genetic analysis

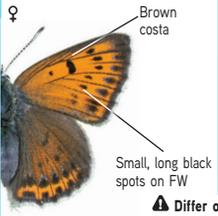
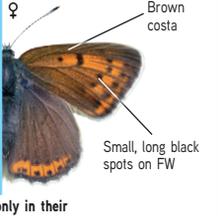
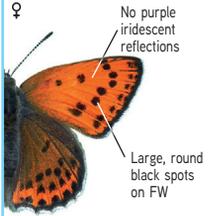
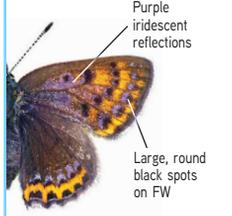
1/3 On HW: GC pure orange
On FW: numerous black spots

<p>♂</p>  <p>Purple iridescent reflections</p> <p>Small black spots on HW</p> <p>Purple-shot Copper p. 240</p>	<p>♀</p>  <p>No purple iridescent reflections</p> <p>Diffuse darker band along FW outer edge</p> <p>Small black spots on HW</p> <p>Purple-shot Copper p. 240</p>	<p>♀</p>  <p>No purple iridescent reflections</p> <p>Diffuse darker band on FW outer edge</p> <p>Large black spots on HW</p> <p>Scarce Copper p. 235</p>	<p>♀</p>  <p>No purple iridescent reflections</p> <p>Apical black spot</p> <p>Large black spots on HW</p> <p>Fiery Copper p. 239</p>
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<p>♀</p>  <p>Well-separated black spots on FW outer edge</p> <p>Small black spots on HW</p> <p>Posterior tail (sometimes absent)</p> <p>Lesser Fiery Copper p. 238</p>	<p>♀</p>  <p>Thick, connected black spots on FW outer edge</p> <p>Large black spots on HW</p> <p>Short posterior tail</p> <p>Grecian Copper p. 236</p>
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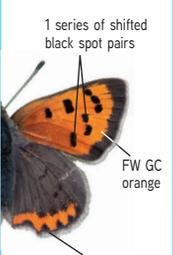
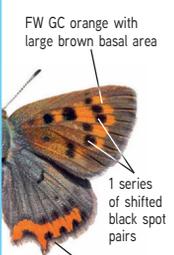
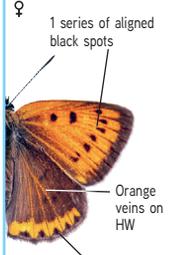
2/3 On HW: GC dark brown or rufous brown
On FW: many black spots

2.1 On FW: 2 series of black spots on outer half of wing

<p>♀</p>  <p>Brown costa</p> <p>Small, long black spots on FW</p> <p>Balkan Copper p. 234</p>	<p>♀</p>  <p>Brown costa</p> <p>Small, long black spots on FW</p> <p>Purple-edged Copper p. 233</p>	<p>♀</p>  <p>No purple iridescent reflections</p> <p>Large, round black spots on FW</p> <p>Lesser Fiery Copper p. 238</p>	<p>♀</p>  <p>Purple iridescent reflections</p> <p>Large, round black spots on FW</p> <p>Violet Copper p. 241</p>
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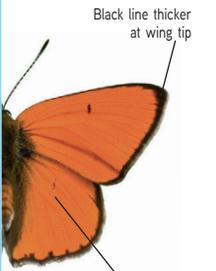
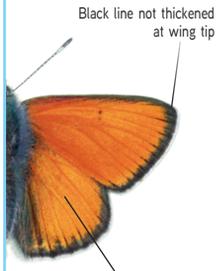
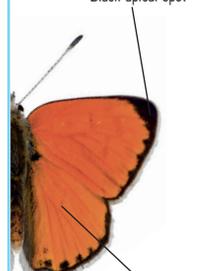
⚠ Differ only in their genitalia

2.2 On FW: 1 or 3 series of black spots on outer half of wing

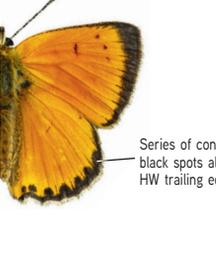
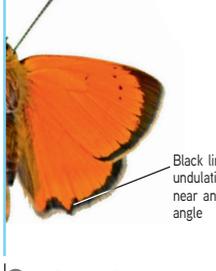
<p>1 series of shifted black spot pairs</p>  <p>FW GC orange</p> <p>HW trailing edge undulated</p> <p>Small Copper p. 242</p>	<p>FW GC orange with large brown basal area</p>  <p>1 series of shifted black spot pairs</p> <p>HW trailing edge undulated</p> <p>Small Copper p. 242</p>	<p>♀ 1 series of aligned black spots</p>  <p>Orange veins on HW</p> <p>HW trailing edge not undulated</p> <p>Large Copper p. 237</p>	<p>♀ 3 series of black spots</p>  <p>HW trailing edge undulated</p> <p>Sooty Copper p. 243</p>	<p>3 series of black spots</p>  <p>Tail often present on HW</p> <p>Iberian Sooty Copper p. 244</p>
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3/3 On FW: no more than 2 black spots or a few tiny black dots

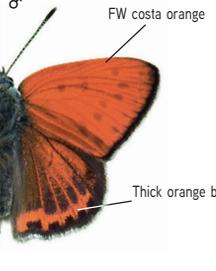
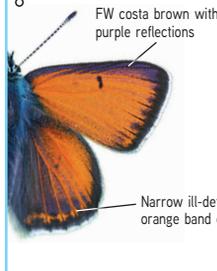
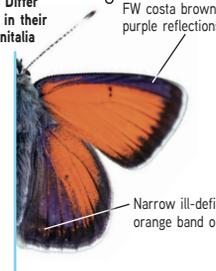
3.1 On FW: no more than 2 black spots
On HW: GC pure orange

<p>♂</p>  <p>Black line thicker at wing tip</p> <p>No black streak on HW</p> <p>Scarce Copper p. 235</p>	<p>♂</p>  <p>Black line thicker at wing tip</p> <p>Thin black streak on HW</p> <p>Large Copper p. 237</p>	<p>♂</p>  <p>Black line not thickened at wing tip</p> <p>No black streak on HW</p> <p>Purple-edged Copper p. 233</p>	<p>♂</p>  <p>Black apical spot</p> <p>No black streak on HW</p> <p>Fiery Copper p. 239</p>
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3.2 On FW: a few small black dots on outer half of wing
On HW: GC pure orange

<p>♂</p>  <p>Series of connected black spots along HW trailing edge</p> <p>Scarce Copper p. 235</p>	<p>♂</p>  <p>Black line undulating only near anal wing angle</p> <p>Grecian Copper p. 236</p>
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3.3 On FW: no more than 1 long black spot in middle of wing
On HW: extensive brown areas (sometimes with purple reflections) on inner half of wing

<p>♂</p>  <p>FW costa orange</p> <p>Thick orange band on HW</p> <p>Lesser Fiery Copper p. 238</p>	<p>♂</p>  <p>FW costa brown with purple reflections</p> <p>Narrow ill-defined orange band on HW</p> <p>Purple-edged Copper p. 233</p>	<p>♂</p>  <p>FW costa brown with purple reflections</p> <p>Narrow ill-defined orange band on HW</p> <p>Balkan Copper p. 234</p>
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⚠ Differ only in their genitalia

1/7 On HW: [a posterior tail] OR [trailing edge markedly undulated]

1.1 On FW: GC not uniform (black spots or different colours present)

<p>♀ No orange</p> <p>HW trailing edge markedly undulated</p> <p>Black spots topped with whitish crescents</p> <p>Meleager's Blue p. 328</p>	<p>♀ Orange area on FW (larger in ♀♀)</p> <p>Posterior orange tail</p> <p>Brown Hairstreak p. 251</p>	<p>♀ No orange</p> <p>Posterior tail</p> <p>1 or 2 more visible black spots</p> <p>Little Tiger Blue p. 271</p>	<p>♀ No orange</p> <p>Posterior tail</p> <p>1 or 2 more visible black spots</p> <p>Common Tiger Blue p. 272</p>	<p>♀ No orange</p> <p>Posterior tail</p> <p>No black spots</p> <p>Purple Hairstreak p. 252</p>
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1.2 On FW : GC uniformly brown

<p>♀ GC dark greyish-brown</p> <p>White fringes</p> <p>Very short posterior tail</p> <p>Eastern Short-tailed Blue p. 288</p>	<p>♀ GC dark greyish-brown</p> <p>White fringes</p> <p>Very short posterior tail</p> <p>Provençal Short-tailed Blue p. 287</p>	<p>♀ GC dark greyish-brown</p> <p>White fringes</p> <p>Black spot sometimes topped with an orange spot</p> <p>Long posterior tail</p> <p>Short-tailed Blue p. 292</p>	<p>♀ GC warm brown</p> <p>Chequered fringes</p> <p>White-ringed black spot</p> <p>Long posterior tail</p> <p>Germanium Bronze p. 262</p>
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2/7 On FW and HW: [white fringes not chequered] AND [1 series of orange spots along wing edge, sometimes incomplete on FW]

2.1 On HW: orange spots not arched

<p>♀ Often pronounced basal blue sprinkling</p> <p>Well-separated orange spots</p> <p>Chapman's Blue p. 331</p>	<p>♀ Basal wing area often slightly sprinkled with blue</p> <p>Well-separated orange spots</p> <p>Common Blue p. 329</p>	<p>♀ Basal wing area often slightly sprinkled with blue</p> <p>Well-separated orange spots</p> <p>Southern Common Blue p. 330</p>
<p>⚠ Within this block, identification is difficult using only the upperside</p>		
<p>⚠ Almost impossible to distinguish using only the upperside</p>		
<p>⚠ Identification impossible without genetic data</p>		

2.2 On HW: orange spots markedly arched

<p>♀ Basal wing area often slightly sprinkled with blue</p> <p>Silver-studded Blue p. 322</p>
<p>⚠ Very difficult to distinguish using only the upperside</p>

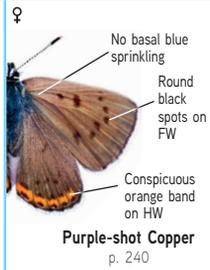
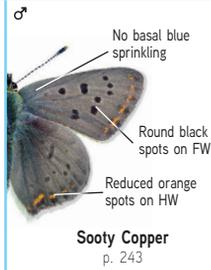
<p>♀ Orange spots tend to connect in a diffuse band on FW</p> <p>No basal blue sprinkling</p> <p>Escher's Blue Cretan Argus pp. 332 and 316</p>	<p>♀ Reduced orange spots on FW</p> <p>No basal blue sprinkling</p> <p>Spanish Zephyr Blue p. 320</p>	<p>♀ No basal blue sprinkling</p> <p>Incomplete series of wide orange spots</p> <p>Mother-of-pearl Blue p. 337</p>	<p>♀ Often pronounced basal blue sprinkling</p> <p>Idas Blue p. 323</p>
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3/7

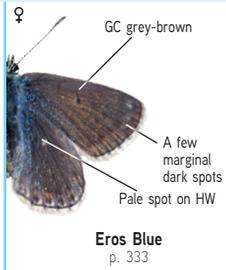
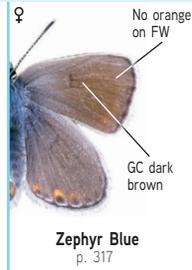
On HW: 1 series of orange spots (often incomplete)
On FW: orange spots reduced or absent

⚠ Within this block, identification is difficult using only the upperside

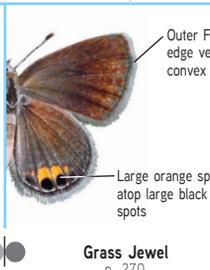
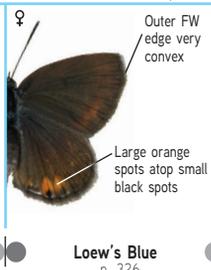
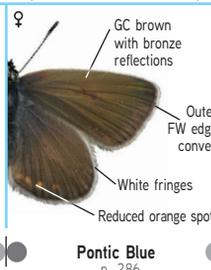
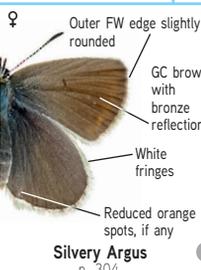
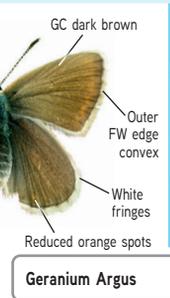
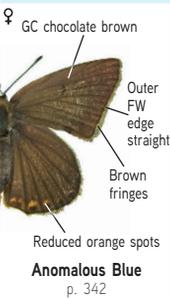
3.1 On HW: complete or almost complete series of orange spots along trailing edge



3.2 On HW: 1 incomplete series of orange spots paired with white-ringed black spots along trailing edge

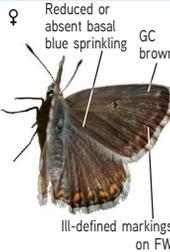
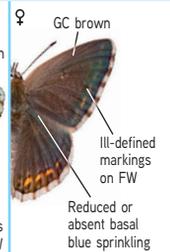
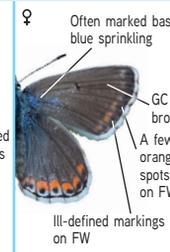
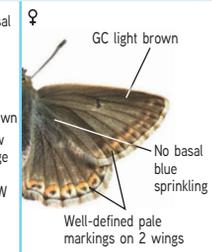


3.3 On HW: 1 incomplete series of orange spots not paired with white-ringed black spots along trailing edge

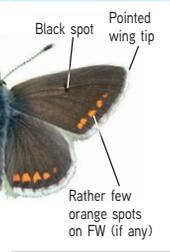
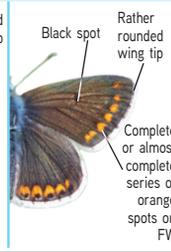
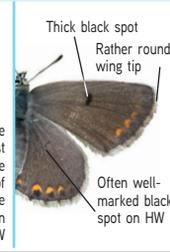
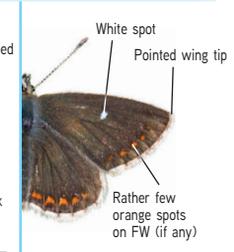


4/7 On FW (and sometimes HW): fringes chequered

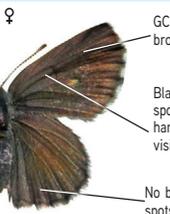
4.1 On HW: 1 series of orange spots atop white-ringed black spots

 <p>♀ Reduced or absent basal blue sprinkling GC brown Ill-defined markings on FW</p>	 <p>♀ GC brown Ill-defined markings on FW Reduced or absent basal blue sprinkling</p>	 <p>♀ GC brown Ill-defined markings on FW Reduced or absent basal blue sprinkling</p>	 <p>♀ Often marked basal blue sprinkling GC brown A few orange spots on FW Ill-defined markings on FW</p>	 <p>♀ GC light brown No basal blue sprinkling Well-defined pale markings on 2 wings</p>
Provence Chalkhill Blue p. 314	Azure Chalkhill Blue p. 312	Chalkhill Blue p. 313	Adonis Blue p. 311	Spanish Chalkhill Blue p. 315

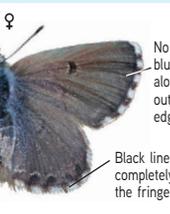
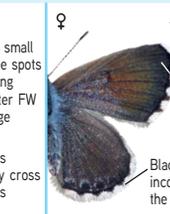
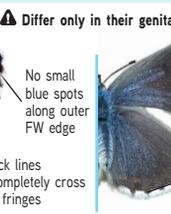
4.2 On HW: complete or almost complete series of orange spots along with black spots without white ring

 <p>Black spot Pointed wing tip Rather few orange spots on FW (if any)</p>	 <p>Black spot Pointed wing tip Rather few orange spots on FW (if any)</p>	 <p>Black spot Rather rounded wing tip Complete or almost complete series of orange spots on FW</p>	 <p>Thick black spot Rather rounded wing tip Often well-marked black spot on HW</p>	 <p>White spot Pointed wing tip Rather few orange spots on FW (if any)</p>
Northern Brown Argus p. 307	Southern Mountain Argus p. 308	Brown Argus Southern Brown Argus pp. 305 and 306	Blue Argus p. 310	Northern Brown Argus p. 307

4.3 On HW: [hardly any or no orange] AND [no basal blue sprinkling]

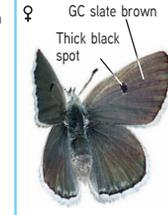
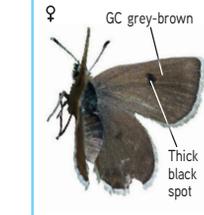
 <p>♀ GC dark brown Black spot hardly visible No black spots</p>	 <p>♀ No black spot GC brown with bronze reflections Ill-defined black spots</p>	 <p>♂ GC dark brown Marked white-ringed black spot No orange on HW</p>	 <p>♀ Marked white-ringed black spot GC dark brown A few small orange spots on HW</p>
Sardinian Blue p. 274	Canary Blue p. 261		Spanish Argus p. 309

4.4 On FW and HW: [no orange] AND [a basal blue area]

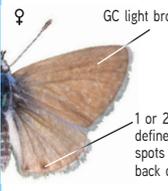
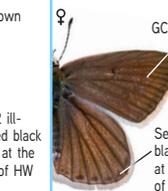
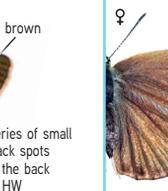
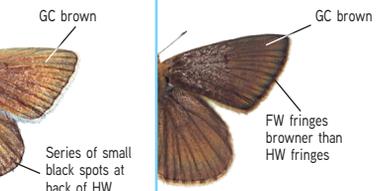
 <p>♀ No small blue spots along outer FW edge Black lines completely cross the fringes</p>	 <p>♀ ⚠ Differ only in their genitalia No small blue spots along outer FW edge Black lines incompletely cross the fringes</p>	 <p>♀ No small blue spots along outer FW edge Black lines incompletely cross the fringes</p>	 <p>♀ Small blue spots on FW</p>
False Baton Blue p. 275	Baton Blue p. 277	Eastern Baton Blue p. 278	Chequered Blue p. 280

5/7 On FW and HW: [fringes white, not chequered] AND [no orange] AND [no blue]

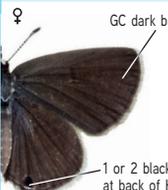
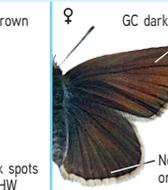
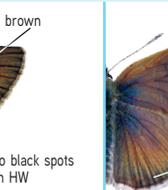
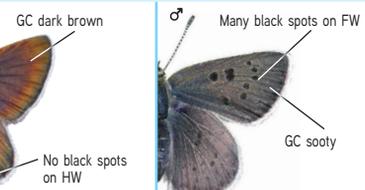
5.1 On FW and HW: 1 black spot, often ringed with white, in middle of wing
On HW: small, pale-ringed black spots along trailing edge

 <p>♀ GC grey-brown A few pale spots on FW</p>	 <p>♀ GC grey-brown</p>	 <p>♀ GC slate brown Thick black spot</p>	 <p>♀ GC brown</p>	 <p>♀ GC grey-brown Thick black spot</p>	
<p>Arctic Blue p. 301</p>			<p>Gavarnie Blue p. 299</p>	<p>Glandon Blue Zulich's Blue pp. 300 and 303</p>	 <p>Bosnian Blue p. 302</p>

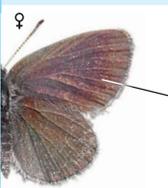
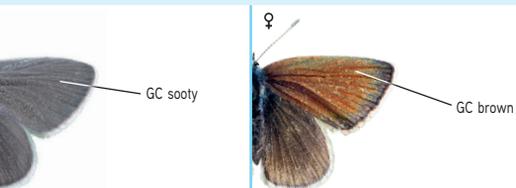
5.2 On FW and HW: GC light brown or brown
On FW: 1 small, long black spot in middle of wing

 <p>♀ GC light brown 1 or 2 ill-defined black spots at the back of HW</p>	 <p>♀ GC brown Series of small black spots at the back of HW</p>	 <p>♀ GC brown Series of small black spots at back of HW</p>	 <p>♀ GC brown FW fringes browner than HW fringes</p>	
<p>Bright Babul Blue p. 266</p>	 <p>Catalanian Furry Blue p. 340</p>	 <p>Furry Blue p. 339</p>		<p>Ripart's Anomalous Blue p. 343</p>

5.3 On FW and HW: GC dark brown or sooty
On FW: 1 small black spot or many black spots in middle of wing

 <p>♀ GC dark brown 1 or 2 black spots at back of HW</p>	 <p>♀ GC dark brown No black spots on HW</p>	 <p>♀ GC dark brown No black spots on HW</p>	 <p>♂ Many black spots on FW GC sooty</p>
<p>Small Desert Blue p. 269</p>	 <p>Turquoise Blue p. 341</p>	<p>Geranium Argus p. 327</p>	<p>Sooty Copper p. 243</p>

5.4 On FW and HW: GC brown or sooty
On FW: no black spot

 <p>♀ GC sooty</p>	 <p>♀ GC sooty</p>	 <p>♀ GC brown</p>
<p>Lorquin's Blue Osiris Blue pp. 291 and 290</p>	<p>Small Blue Carswell's Small Blue p. 289</p>	<p>Mazarine Blue p. 285</p>

6/7 On FW (sometimes HW): [brown fringes] AND [no basal blue sprinkling]

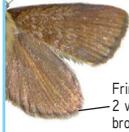
⚠ Within this block, species are particularly difficult to identify based on the upperside. They are often allopatric, but an underside view may help distinguish sympatric species.

⚠ Only in southern Spain



Andalusian Anomalous Blue
p. 347

⚠ Only in northern Spain



Oberthür's Anomalous Blue
p. 348

Fringes of 2 wings brown



Ripart's Anomalous Blue
Timfristos Anomalous Blue
pp. 343 and 344

HW fringe paler than FW fringe

⚠ Only in the Balkans and Central Europe



Anomalous Blue
p. 342



GC very dark brown

⚠ Only in the Aoste Valley

Piedmont Anomalous Blue
p. 349

7/7 On FW (sometimes HW): [no or hardly any orange] AND [basal blue area]

7.1 On HW: 1 series of black spots near trailing edge



Dark Grass Blue
p. 268



Cranberry Blue
p. 325

Very dark blue basal area



Odd-spot Blue
p. 273

⚠ Only in the Balkans



Fringes of both wings brown

Grecian Anomalous Blue
Kolev's Anomalous Blue
Lura Anomalous Blue
pp. 344 and 346

⚠ Only in the Balkans



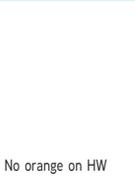
HW fringes white

Higgins's Anomalous Blue
p. 345

7.2 On HW: [a series of small black spots topped with blue] OR [a series of small blue spots along the trailing edge]



Paphos Blue
p. 283



Turquoise Blue
p. 341

No orange on HW



Spanish Purple Hairstreak
p. 259

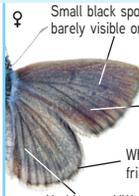
Small orange spots below blue spots

7.3 On HW: no black spots along the trailing edge



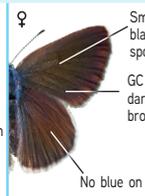
Dusky Large Blue
p. 296

GC chocolate brown
Brown fringes



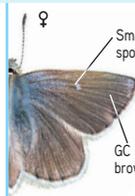
Alcon Blue
p. 295

Small black spots barely visible on FW
GC dull brown
White fringes
No blue on HW



Green-underside Blue
p. 281

Small black spot
GC very dark brown
No blue on HW



Alpine Blue
p. 298

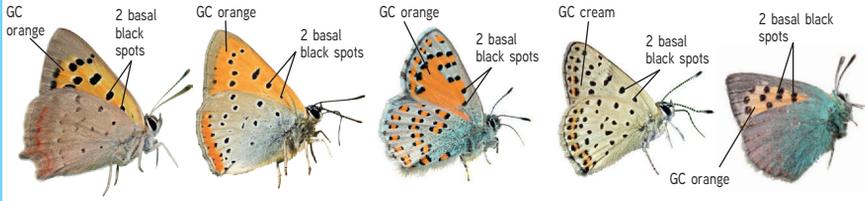
Small blue spot
GC grey-brown



African Grass Blue
p. 267

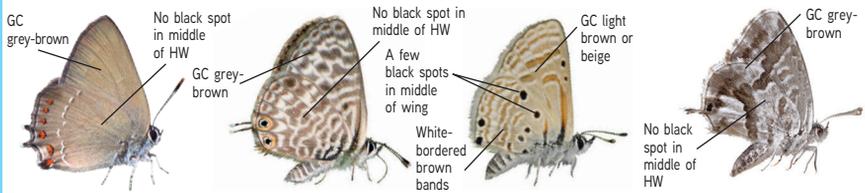
Brown eyes
Small black spot
Large blue area on HW

1/10 On FW: [2 basal black spots] AND [GC orange or cream]



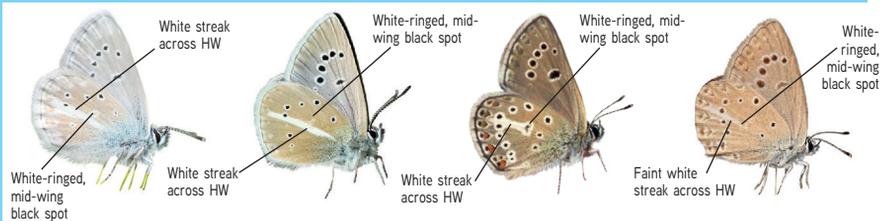
→ Page 70

2/10 On HW: [GC grey-brown or ochre with no black spots in middle of wing] OR [GC beige, with white-bordered brown lines or bands, sometimes a few black spots]



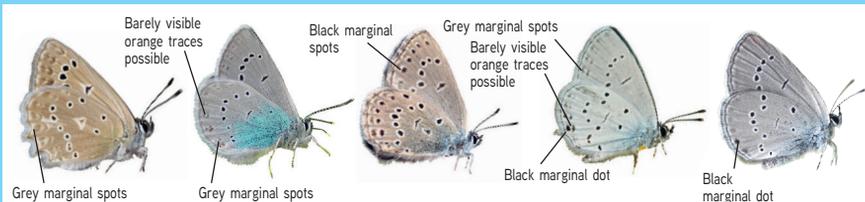
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3/10 On HW: white streak reaches at least white-ringed, mid-wing black spot



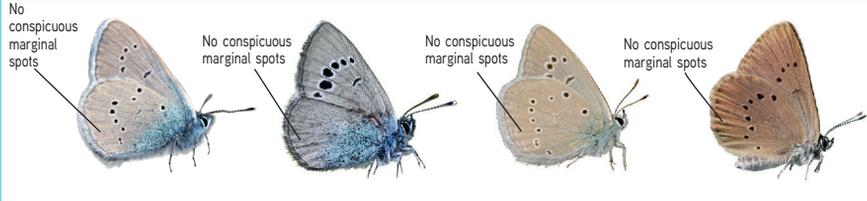
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4/10 On HW: [no well-marked orange spot] AND [conspicuous marginal spots or dots]



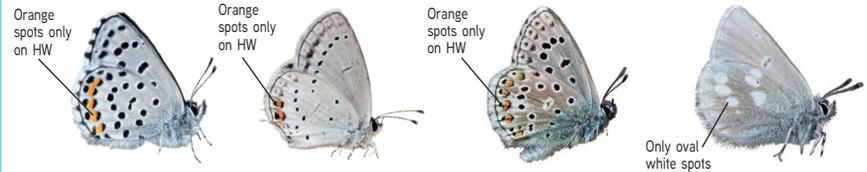
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5/10 On HW: [no orange] AND [no well-marked marginal spots or dots]



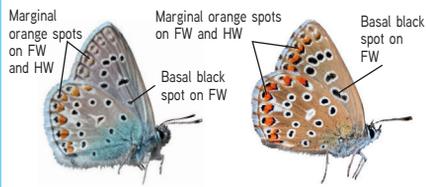
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6/10 On HW: [several marginal orange spots] OR [only oval white spots]
On FW: no orange spots



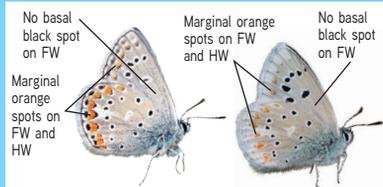
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7/10 On HW and FW: [several marginal orange spots]
On FW: 1 basal black spot



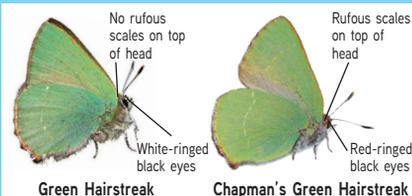
→ Page 77 (blocks 1/2 and 2/2)

8/10 On HW and FW: [several marginal orange spots]
On FW: no basal black spot



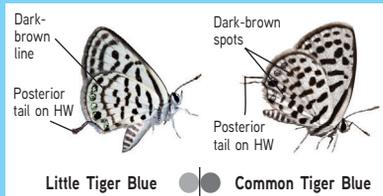
→ Page 77 (block 1/5 and following ones)

9/10 On FW and HW: GC emerald green



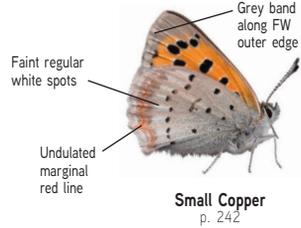
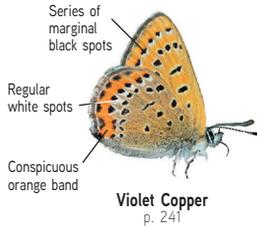
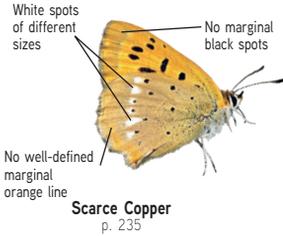
→ Pages 247 and 248

10/10 On FW and HW: [GC white] AND [sharply contrasting dark lines]

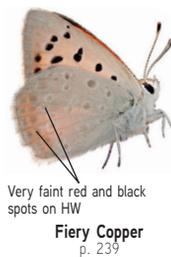
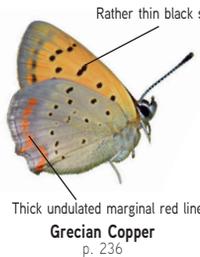
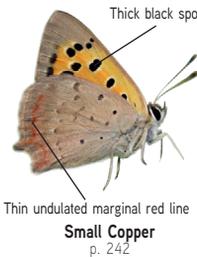


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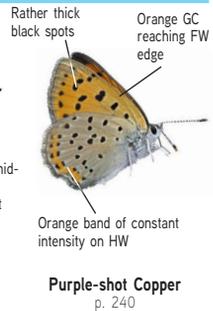
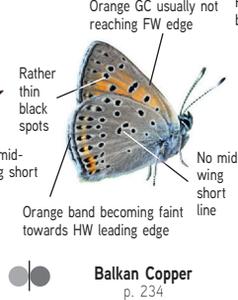
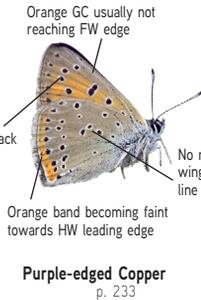
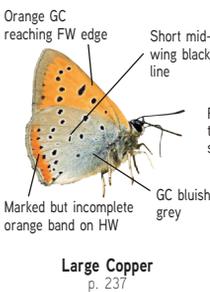
1/4 On HW: several conspicuous white spots near the wing margin



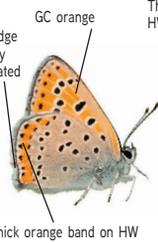
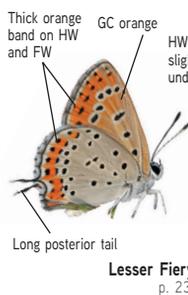
2/4 On HW: [marginal red line] OR [GC pale with faint black spots] OR [GC green]



3/4 On HW: [1 orange band or incomplete series of orange spots]



4/4 On HW: [orange band or complete marginal series of orange spots]
On FW: [marginal orange spots or marginal orange area]



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<input type="checkbox"/> White Speck Ringlet	494		
<input type="checkbox"/> White-banded Grayling	531		
<input type="checkbox"/> White-letter Hairstreak	255		
<input type="checkbox"/> White-spotted Ringlet	490		
<input type="checkbox"/> Wood White	229		
<input type="checkbox"/> Woodland Brown	467		
<input type="checkbox"/> Woodland Grayling	560		
<input type="checkbox"/> Woodland Ringlet	524		
<input type="checkbox"/> Yellow-banded Ringlet	492		
<input type="checkbox"/> Yellow-banded Skipper	166		
<input type="checkbox"/> Yellow-legged Tortoiseshell	364		
<input type="checkbox"/> Yellow-spotted Ringlet	490		
<input type="checkbox"/> Zapater's Ringlet	519		
<input type="checkbox"/> Zeller's Skipper	149		
<input type="checkbox"/> Zephyr Blue	317		
<input type="checkbox"/> Zullich's Blue	303		