

Papilionidae of Germany: Identification key for

imagines

This identification key can be used to identify imagines of both sexes. It is valid only for specimens from Germany. It accounts for normal individual variation, but cannot be used to identify aberrant or damaged specimens.

- 1a** Hindwings with a well-developed tail (hindwing drawn out into a long tail along the elongated vein M3).....**2**

- 1b** Hindwings without tail (the margin is entire or undulated, but without tail).....**3**

- 2a** Hindwings on upper side: eye-spot in anal angle with blue core, red or orange is outside. Tip of wing tail white or yellow.....**Iphiclides podalirius**

- 2b** Hindwings on upper side: eye-spots in anal angle with red or orange core, blue or violet is outside. Tip of wing tail black.....**Papilio machaon**

- 3a** Hindwings on upper side: small spots of blue scales along outer margin.....**Zerynthia polyxena**

- 3b** No blue scales anywhere on the wings.....**4**

- 4a** Wing markings just black, no red or orange scales are present.....**Parnassius mnemosyne**

- 4b** Some wing markings (spots, stripes) contain red or orange scales.....5
- 5a** Very large animal, forewing length 38 to 42 mm. Antennae inconspicuously ringed (alternating segments whitish and pale grey). Forewings on the upper side in most specimens without red markings.....**Parnassius apollo**
- 5b** Large animal, forewing length 30 to 36 mm. Antennae conspicuously ringed (alternating segments white and black). Forewings on the upper side in most specimens with one (or more) red markings.....**Parnassius sacerdos**

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