

# New records and an updated checklist of the butterfly fauna (Lepidoptera: Papilionoidea) of Puglia, south-eastern Italy

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Supplementary table 2. Review of published records.

Column I – Simes 1903  
Column II – Cecconi 1908  
Column III – Wimmers 1931  
Column IV – De Togni 1948  
Column V – Faggioli 1953

Column VI – Zangheri 1955  
Column VII – Zangheri 1956  
Column VIII – Zangheri 1960  
Column IX – Parenzan 1975  
Column X – Parenzan 1980

Column XI – Russo 2004  
Column XII – Cicerale 2007  
Column XIII: a = Verity 1940, b = Zilli 1988, c = Russo 2003, d = Parenzan *et al.* 2006, e = Cagnetta 2016)

Family HESPERIIDAE	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII
<i>Carcharodus alceae</i> (Esper, 1780)				+			+		+				
<i>Carcharodus baeticus</i> (Rambur, 1839)										+	+	+	
<i>Carcharodus floccifera</i> (Zeller, 1847)								+	+				
<i>Erynnis tages</i> (Linnaeus, 1758)											+	+	
<i>Gegenes nostradamus</i> (Fabricius, 1793)										+		+	
<i>Gegenes pumilio</i> (Hoffmannsegg, 1804)										+			
<i>Hesperia comma</i> (Linnaeus, 1758)												+	
<i>Muschampia proto</i> (Ochsenheimer, 1808)							+	+	+			+	a
<i>Ochlodes sylvanus</i> (Esper, 1777)						+	+		+				
<i>Pyrgus armoricanus</i> (Oberthür, 1910)									+				
<i>Pyrgus carthami</i> (Hübner, 1813)													d
<i>Pyrgus malvoides</i> (Elwes & Edwards, 1897)				+		+	+		+				
<i>Pyrgus onopordi</i> (Rambur, 1839)							+		+				
<i>Pyrgus sidae</i> (Esper, 1784)				+			+	+	+			+	
<i>Spialia sertorius</i> (Hoffmannsegg, 1804)									+				
<i>Thymelicus acteon</i> (Rottemburg, 1775)								+	+				
<i>Thymelicus lineola</i> (Ochsenheimer, 1808)				+	+		+		+				
<i>Thymelicus sylvestris</i> (Poda, 1761)									+				

Family PAPILIONIDAE	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII
<i>Iphiclidus podalirius</i> (Linnaeus, 1758)				+	+	+	+		+				
<i>Papilio machaon</i> (Linnaeus, 1758)			+	+			+		+				
<i>Zerynthia cassandra</i> (Geyer, 1828)				+			+		+			+	

Family PIERIDAE	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII
<i>Anthocharis cardamines</i> (Linnaeus, 1758)				+			+		+				
<i>Aporia crataegi</i> (Linnaeus, 1758)				+			+		+				
<i>Colias alfacariensis</i> (Ribbe, 1905)			+	+			+		+				
<i>Colias croceus</i> (Geoffroy, 1785)	+	+	+	+	+	+	+	+	+				
<i>Euchloe ausonia</i> (Hübner, 1804)				+			+		+				
<i>Gonepteryx cleopatra</i> (Linnaeus, 1767)		+	+	+			+		+				
<i>Gonepteryx rhamni</i> (Linnaeus, 1758)				+	+		+		+				
<i>Leptidea sinapis</i> (Linnaeus, 1758)			+	+		+	+		+				
<i>Pieris brassicae</i> (Linnaeus, 1758)	+	+		+		+			+				
<i>Pieris ergane</i> (Geyer, 1828)											+	+	
<i>Pieris manni</i> (Mayer, 1851)				+		+	+			+			
<i>Pieris napi</i> (Linnaeus, 1758)				+					+				
<i>Pieris rapae</i> (Linnaeus, 1758)	+	+		+		+	+		+				
<i>Pontia edusa</i> (Fabricius, 1777)		+	+	+		+		+	+				

Family RIODINIDAE	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII
<i>Hamearis lucina</i> (Linnaeus, 1758)			+								+		

Family LYCAENIDAE	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII
<i>Aricia agestis</i> (Denis & Schiffermüller, 1775)		+	+	+		+	+	+	+				
<i>Cacyreus marshalli</i> (Butler, 1898)												+	C
<i>Callophrys rubi</i> (Linnaeus, 1758)			+	+			+		+			+	
<i>Celastrina argiolus</i> (Linnaeus, 1758)			+	+		+	+		+				
<i>Cupido alcetas</i> (Hoffmannsegg, 1804)											+	+	
<i>Cupido argiades</i> (Pallas, 1771)									+			+	
<i>Cupido minimus</i> (Fuessly, 1775)			+	+			+		+				
<i>Cupido osiris</i> (Meigen, 1829)											+		
<i>Cyaniris semiargus</i> (Rottemburg, 1775)			+						+		+	+	
<i>Eumedonia eumedon</i> (Esper, 1780)			+									+	
<i>Favonius quercus</i> (Linnaeus, 1758)									+				
<i>Glaucopsyche alexis</i> (Poda, 1761)			+	+			+		+				
<i>Iolana iolas</i> (Ochsenheimer, 1816)												+	
<i>Lampides boeticus</i> (Linnaeus, 1767)									+				
<i>Leptotes pirithous</i> (Linnaeus, 1767)									+				
<i>Lycaena alciphron</i> (Rottemburg, 1775)			+	+			+						
<i>Lycaena phlaeas</i> (Linnaeus, 1761)		+	+	+	+		+	+	+				
<i>Lycaena thersamon</i> (Esper, 1784)				+		+	+		+			+	
<i>Lycaena tityrus</i> (Poda, 1761)				+			+					+	

Family LYCAENIDAE	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII
<i>Phengaris arion</i> (Linnaeus, 1758)			+								+	+	
<i>Plebejus argus</i> (Linnaeus, 1758)			+									+	
<i>Plebejus argyrognomon</i> (Bergsträsser, 1779)				+			+						
<i>Plebejus idas</i> (Linnaeus, 1761)			+									+	
<i>Polyommatus amandus</i> (Schneider, 1792)			+									+	
<i>Lysandra bellargus</i> (Rottemburg, 1775)			+	+			+					+	
<i>Lysandra coridon</i> (Poda, 1761)								+	+				
<i>Polyommatus daphnis</i> (Denis & Schiffermüller, 1775)									+				
<i>Polyommatus dolus</i> (Hübner, 1823)			+								+	+	
<i>Polyommatus dorylas</i> (Denis & Schiffermüller, 1775)			+								+	+	
<i>Polyommatus escheri</i> (Hübner, 1823)			+									+	
<i>Polyommatus icarus</i> (Rottemburg, 1775)		+	+	+		+	+	+	+				
<i>Polyommatus thersites</i> (Cantener, 1835)			+						+				
<i>Pseudophilotes baton</i> (Bergsträsser, 1779)				+			+		+				
<i>Satyrium acaciae</i> (Fabricius, 1787)									+				
<i>Satyrium ilicis</i> (Esper, 1779)									+				
<i>Satyrium spini</i> (Denis & Schiffermüller, 1775)			+	+			+		+				
<i>Satyrium w-album</i> (Knoch, 1782)										+		+	
<i>Thecla betulae</i> (Linnaeus, 1758)												+	

Family NYMPHALIDAE	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII
<i>Aglais io</i> (Linnaeus, 1758)									+	+			
<i>Aglais urticae</i> (Linnaeus, 1758)	+												
<i>Argynnis adippe</i> (Denis & Schiffermüller, 1775)					+						+	+	
<i>Speyeria aglaja</i> (Linnaeus, 1758)											+	+	
<i>Fabriciana niobe</i> (Linnaeus, 1758)											+	+	
<i>Argynnis pandora</i> (Denis & Schiffermüller, 1775)			+	+	+		+		+				
<i>Argynnis paphia</i> (Linnaeus, 1758)				+	+	+	+						
<i>Boloria euphrosyne</i> (Linnaeus, 1758)				+			+				+		
<i>Brenthis daphne</i> (Bergsträsser, 1780)				+		+	+		+			+	
<i>Brenthis hecate</i> (Denis & Schiffermüller, 1775)									+	+			
<i>Charaxes jasius</i> (Linnaeus, 1767)									+				
<i>Chazara briseis</i> (Linnaeus, 1764)												+	
<i>Euphydryas aurinia</i> (Rottemburg, 1775)											+	+	
<i>Issoria lathonia</i> (Linnaeus, 1758)				+		+	+		+				
<i>Libythea celtis</i> (Laicharting, 1782)										+		+	
<i>Limenitis reducta</i> (Staudinger, 1901)			+	+		+	+		+				
<i>Melitaea celadussa</i> Fruhstorfer, 1910				+		+	+		+				

Family NYMPHALIDAE	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII
<i>Melitaea cinxia</i> (Linnaeus, 1758)				+		+	+		+				
<i>Melitaea didyma</i> (Esper, 1778)				+			+	+	+				
<i>Melitaea ornata</i> Christoph, 1893													e
<i>Melitaea phoebe</i> (Denis & Schiffermüller, 1775)				+			+		+				
<i>Melitaea trivia</i> (Denis & Schiffermüller, 1775)													e
<i>Nymphalis antiopa</i> (Linnaeus, 1758)										+			
<i>Nymphalis polychloros</i> (Linnaeus, 1758)		+					+		+				
<i>Polygonia c-album</i> (Linnaeus, 1758)													
<i>Polygonia egea</i> (Cramer, 1775)			+	+			+		+				
<i>Vanessa atalanta</i> (Linnaeus, 1758)	+					+	+		+				
<i>Vanessa cardui</i> (Linnaeus, 1758)		+				+	+	+	+				
<i>Brintesia circe</i> (Fabricius, 1775)									+				
<i>Coenonympha arcania</i> (Linnaeus, 1760)				+		+							
<i>Coenonympha pamphilus</i> (Linnaeus, 1758)			+	+		+		+	+				
<i>Danaus chrysippus</i> (Linnaeus, 1758)													b
<i>Hipparchia fagi</i> (Scopoli, 1763)				+		+							
<i>Hipparchia semele</i> (Linnaeus, 1758)			+	+		+			+				
<i>Hipparchia statilinus</i> (Hufnagel, 1766)				+	+	+		+	+				
<i>Hyponephele lupinus</i> (Costa, 1836)									+			+	
<i>Hyponephele lycaon</i> (Kühn, 1774)			+										
<i>Lasiommata maera</i> (Linnaeus, 1758)			+	+					+				
<i>Lasiommata megera</i> (Linnaeus, 1767)	+	+	+	+		+		+	+				
<i>Maniola jurtina</i> (Linnaeus, 1758)			+	+		+		+	+				
<i>Melanargia arge</i> (Sulzer, 1776)	+		+	+		+		+	+			+	
<i>Melanargia galathea</i> (Linnaeus, 1758)			+		+				+				
<i>Melanargia russiae</i> (Esper, 1783)			+	+					+				
<i>Pararge aegeria</i> (Linnaeus, 1758)				+		+			+				
<i>Pyronia cecilia</i> (Vallantin, 1894)		+		+		+		+	+				
<i>Pyronia tithonus</i> (Linnaeus, 1771)						+						+	