

Table 1. Approximate λ_{max} of visual pigments, where known, in different butterfly species.

Family	Subfamily	Species	UV	B	LW	References
Lycaenidae	Lycaeninae	<i>Lycaena rubidus</i>	360	437, 500	568	85 ^a
		<i>Lycaena heteronea</i>	360	437, 500	568	85 ^a
		<i>Lycaena dorcas</i>	360	437, 500	568	85 ^a
		<i>Lycaena nivalis</i>	360	437, 500	575	85 ^a
Nymphalidae	Apaturinae	<i>Asterocampa leilia</i>			530	32 ^a
		<i>Sasakia charonda</i>	345	425, 440	540	86 ^b
	Charaxinae	<i>Archaeoprepona demophon</i>			565	32 ^a
	Danainae	<i>Danaus plexippus</i>	340	435	545	87 ^b
	Heliconiinae	<i>Agraulis vanillae</i>			555	32 ^a
		<i>Heliconius charithonia</i>			550	32 ^a
		<i>Heliconius erato</i>	370	470	555	32 ^{a,c}
		<i>Heliconius hecale</i>			560	32 ^a
		<i>Heliconius sara</i>			550	32 ^a
	Limenitidinae	<i>Limenitis archippus archippus</i>			514	41 ^a
		<i>Limenitis archippus floridensis</i>			514	41 ^a
		<i>Limenitis arthemis astyanax</i>			545	41 ^a
		<i>Limenitis lorquini</i>			530	41 ^a
		<i>Limenitis weidemeyerii</i>			530	41 ^a
	Nymphalinae	<i>Aglais urticae</i>	380	460	530	88 ^c
		<i>Anartia jatrophae</i>			530, 565	32 ^a
		<i>Euphydryas chalcedona</i>			565	32 ^a
		<i>Inachis io</i>			530	89 ^a
		<i>Junonia coenia</i>			510	89 ^a
<i>Nymphalis antiopa</i>				534	89 ^a	
<i>Polygonia c-album</i>				532	90 ^a	
<i>Polygonia c-aureum</i>		350	450	540, 565	86 ^b	
<i>Siproeta stelenes</i>				522	89 ^a	
<i>Vanessa cardui</i>		360	470	530	34 ^a	
Satyrinae		<i>Hemeuptychia hermes</i>			530	32 ^a
		<i>Neominois ridingsii</i>			515	32 ^a
		<i>Oeneis chryxus</i>			530	32 ^a
	<i>Pararge aegeria</i>	360	460	530	91 ^{b,c}	
Papilionidae	Papilioninae	<i>Papilio xuthus</i>	360	460	530, 515, 575	33 ^b
Pieridae	Pierinae	<i>Pieris rapae</i>	360	425, 453	563	92 ^b
Riodinidae	Riodininae	<i>Apodemia momo</i>	340	450	505, 600	32,93 ^a

Pigments where partial or complete opsin sequence is available are shown in bold.

^aResults obtained from epi-microspectrophotometry

^bResults obtained from intracellular recording

^cResults obtained from electroretinogram