

Table S2. Characters and character states used to generate the matrix of morphological characters of wing color patterns for *H. hermathena* subspecies.

Characters	States				
	0	1	2	3	4
1- yellow cubital stripes on dorsal hindwings, when present	Very narrow	Narrow	Medium	Broad	Absent
2- two series of doubled intervenal submarginal yellow spots, the internal series with spots larger than the external series	Absent	Present	-	-	-
3- first line of the doubled intervenal submarginal yellow spots on dorsal hindwings	Weak through the end	Strong through the end	-	-	-
4- ventral hindwing with red cubital spots	Absent	Present	-	-	-
5- yellow streak over the forewing cubitus	Absent	Present	Usually Margin	-	-
6- tip of the yellow streak over the hindwing cubitus	Thin	Rounded	-	-	-
7- postmedian red band on dorsal forewing	Broad	Narrow	-	-	-
8- proximity of postmedian red band on dorsal forewing to the margin	Near	Distant	-	-	-
9-yellow cubital stripes on dorsal hindwing mixed with numerous black scales, resulting in a grayish tone	Present	Absent	-	-	-
10-Tone of the transverse red postmedian band	Orangish	Red	-	-	-