



## Supplementary Material

# Multi-gene Phylogenetic Analysis and Genetic Diversity of Discrete Elytral Color Phenotypes in *Menochilus sexmaculatus* (Coleoptera: Coccinellidae)

Weidong Huang<sup>1,2,3</sup>, Xinyue Liang<sup>1,2,3</sup>, Xiufeng Xie<sup>4</sup>, Xingmin Wang<sup>2,3</sup> and Xiaosheng Chen<sup>1,2,3\*</sup>

<sup>1</sup>Department of Forest Protection, College of Forestry and Landscape Architecture, South China Agricultural University, Guangzhou 510640, China.

<sup>2</sup>Key Laboratory of Bio-Pesticide Innovation and Application, Guangdong Province, Guangzhou 510642, China

<sup>3</sup>Engineering Research Center of Biocontrol, Ministry of Education and Guangdong Province, Guangzhou 510640, China.

<sup>4</sup>Guangdong Agriculture Industry Business Polytechnic College, Guangzhou 510507, China.

**Supplementary Table S1. GenBank accession numbers.**

Specimen	Code	COI	COII	CAD	H3
<i>M. sexmaculatus</i>	A1	MH589162	MH589194	MH589228	MH589128
<i>M. sexmaculatus</i>	A2	MH589163	MH589195	MH589229	MH589129
<i>M. sexmaculatus</i>	B1	MH589164	MH589196	MH589230	MH589130
<i>M. sexmaculatus</i>	B2	MH589165	MH589197	MH589231	MH589131
<i>M. sexmaculatus</i>	C1	MH589166	MH589198	MH589232	MH589132
<i>M. sexmaculatus</i>	C2	MH589161	MH589199	MH589233	MH589133
<i>M. sexmaculatus</i>	D1	MH589167	MH589200	MH589234	MH589134
<i>M. sexmaculatus</i>	D2	MH589168	MH589201	MH589235	MH589135
<i>M. sexmaculatus</i>	E1	MH589169	MH589202	MH589236	MH589136
<i>M. sexmaculatus</i>	E2	MH589170	MH589203	MH589237	MH589137
<i>M. sexmaculatus</i>	F1	MH589171	MH589204	MH589238	MH589138
<i>M. sexmaculatus</i>	F2	MH589172	MH589205	MH589239	MH589139
<i>M. sexmaculatus</i>	G1	MH589173	MH589206	MH589240	MH589140
<i>M. sexmaculatus</i>	G2	MH589174	MH589207	MH589241	MH589141
<i>M. sexmaculatus</i>	H1	MH589175	MH589208	MH589242	MH589142
<i>M. sexmaculatus</i>	H2	MH589176	MH589209	MH589243	MH589143
<i>M. sexmaculatus</i>	I1	MH589177	MH589210	MH589244	MH589144
<i>M. sexmaculatus</i>	I2		MH589211	MH589245	
<i>M. sexmaculatus</i>	J1	MH589178	MH589212	MH589246	MH589145
<i>M. sexmaculatus</i>	J2	MH589179	MH589213	MH589247	MH589146
<i>M. sexmaculatus</i>	K1	MH589180	MH589214	MH589248	MH589147
<i>M. sexmaculatus</i>	K2	MH589181	MH589215	MH589249	MH589148
<i>M. sexmaculatus</i>	L1	MH589182	MH589216	MH589250	MH589149
<i>M. sexmaculatus</i>	L2	MH589183	MH589217	MH589251	MH589150
<i>M. sexmaculatus</i>	M1	MH589184	MH589218	MH589252	MH589151
<i>M. sexmaculatus</i>	M2	MH589185	MH589219	MH589253	MH589152
<i>M. sexmaculatus</i>	N1	MH589186	MH589220	MH589254	MH589153
<i>M. sexmaculatus</i>	N2	MH589187	MH589221	MH589255	MH589154
<i>M. sexmaculatus</i>	O1	MH589188	MH589222	MH589256	MH589155
<i>M. sexmaculatus</i>	O2	MH589189	MH589223	MH589257	MH589156
<i>M. sexmaculatus</i>	P1	MH589190	MH589224	MH589258	MH589157
<i>M. sexmaculatus</i>	P2	MH589191	MH589225	MH589259	MH589158
<i>M. sexmaculatus</i>	Q1	MH589192	MH589226	MH589260	MH589159
<i>M. sexmaculatus</i>	Q2	MH589193	MH589227	MH589261	MH589160

\* Corresponding author: xshchen@scau.edu.cn

0030-9923/2022/0005-2011 \$ 9.00/0



Copyright 2022 by the authors. Licensee Zoological Society of Pakistan.

This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).

