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Report on the butterflies collected from Chongqing, Shaanxi and Gansu, China in 2015

(Lepidoptera: Papilionoidea, Hesperoidea)

by

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Abstract: A list of the butterflies collected by the author and his colleague in the Chinese Provinces of Chongqing, S. Shaanxi and S. Gansu in the summer of 2015 is presented.

In the summer of 2015, the author accomplished a survey on butterflies at the following localities (fig. A):
Chongqing Province: Simianshan, 4th-9th July.
Shaanxi Province: Liping Natural Reserve, Nanzheng County: 12th-14th July; Danangou, Fengxian County: 31st July; Dongshan, Taibai County: 1st August; Miaowangshan, Fengxian County: 2nd August; Xiaonangou, Fengxian County: 3rd-5th August; Zhufeng, Fengxian County: 5th August.
Gansu Province: Xiongmaogou, Xiahe County: 16th-18th July; Laolonggou, Diebu County: 20th July; Meilugou, Diebu County: 21st July; Tiechiliang, Diebu County: 22nd July; Lazikou, Diebu County: 23rd July; Tiangangou, Zhouqu County: 25th-26th July; Pianpiangou, Zhouqu County: 28th-29th July.

A checklist of butterflies collected from Chongqing, Shaanxi and Gansu in 2015

Hesperiidae

Coeliadinae

1. *Hasora tarminatus* (Hübner, 1818): 1 ♂ 7-VII, Simianshan, leg. & coll. Guo-Xi Xue.

Pyrginae

2. *Gerosis phisara* (Moore, 1884): 1 ♂, 6-VII, Simianshan.
3. *Celaenorrhinus maculosus* (C. & R. Felder, [1867]): 5 ♂♂, 6-VII, Simianshan.
4. *Celaenorrhinus oscula* Evans, 1949: 4 ♂♂, 6-VII, Simianshan.
5. *Celaenorrhinus patula* De Nicéville, 1889: 4 ♂♂, 8-VII; 1 ♂, 9-VII Simianshan.
6. *Satarupa nymphalis* (Speyer, 1879): 1 ♂, 7-VII, Simianshan; 1 ♂, 25-VII; 1 ♀, 26-VII, Tiangangou, Zhouqu County; 1 ♂, 29-VII, Pianpiangou, Zhouqu County.
7. *Satarupa monbeigi* Oberthür, 1921: 1 ♂, 5-VIII, Xiaonangou, Fengxian County.
8. *Abraximorpha davidii* (Mabille, 1876): 1 ♂, 6-VII, Simianshan.
9. *Daimio tethys* (Ménétriés, 1857): 1 ♂, 7-VII, Simianshan.

Hesperiinae

10. *Ampittia virgata* (Leech, 1890): 1 ♂, 9-VII, Simianshan.
11. *Halpe nephele* Leech, [1894]: 1 ♂, 7-VII, Simianshan.
12. *Scobura masutaroi* (Sugiyama, 1996): 1 ♂, 7-VII, Simianshan.
13. *Notocrypta feisthamelii* (BoisduvaL, 1832): 2 ♂♂, 9-VII, Simianshan.
14. *Isoteinon lamprospilus* C. & R. Felder, 1862 : 2 ♂♂, 8-VII, Simianshan.
15. *Lotongus saralus* (De Nicéville, 1889): 1 ♂, 6-VII, Simianshan.
16. *Parnara batta* Evans, 1949: 1 ♂, 9-VII, Simianshan.
17. *Pelopidas sinensis* (Mabille, 1877): 1 ♂, 2-VIII, Miaowangshan, Fengxian County.
18. *Polytremis matsuii* (Sugiyama, 1997): 1 ♂, 7-VII, Simianshan.
19. *Polytremis gigantea* (Tsukiyama, Chiba & Fujioka, 1997): 3 ♂♂, 6-VII, Simianshan.
20. *Polytremis nascens* (Leech, [1893]): 11 ♂♂, 4 ♀♀, 31-VII, Danangou, Fengxian County; 2 ♂♂, 3 ♀♀, 2-VIII, Miaowangshan, Fengxian County; 2 ♀♀, 1-VIII, Dongshan, Taibai County.
21. *Polytremis zina* (Evans, 1932): 3 ♂♂, 13-VII, Liping Natural Reserve, Nanzheng County.
22. *Ochlodes klapperichii* Evans, 1940: 2 ♂♂, 7-VII, Simianshan.
23. *Ochlodes ochracea* (Bremer, 1861): 3 ♂♂, 1 ♀, 12-VII, Liping Natural Reserve, Nanzheng County; 2 ♂♂, 1-VIII, Dongshan, Taibai County; 1 ♂, 21-VII, Meilugou, Diebu County ; 1 ♂, 1 ♀, 28-VII, 1 ♂, 29-VII, Pianpiangou, Zhouqu County.
24. *Ochlodes similis* (Leech, 1893): 2 ♂♂, 1 ♀, 21-VII, Meilugou, Diebu County; 2 ♂♂, 25-VII; 2 ♂♂, 26-VII; 1 ♂, 28-VII, Tiangangou, Zhouqu County.
25. *Ochlodes subhyalina* (Bremer & Grey, 1853): 2 ♂♂, 2 ♀♀, 23-VII, Lazikou, Diebu County; 1 ♂, 1 ♀, 28-VII; 1 ♂, 29-VII, Pianpiangou, Zhouqu County.
26. *Thymelicus sylvaticus* (Bremer, 1861): 1 ♂, 7-VII, Simianshan, 2 ♂♂ 28-VII, Pianpiangou, Zhouqu County.
27. *Thymelicus lineola* Ochsenheimer, 1808: 1 ♀, 28-VII, Pianpiangou, Zhouqu County; 4 ♂♂, 1 ♀ 1-VIII, Dongshan, Taibai County.
28. *Thymelicus leoninus* (Butler, 1878): 2 ♂♂, 12-VII, Liping Natural Reserve, Nanzheng County.
29. *Carterocephalus stax* Sugiyama, 1992: 12 ♂♂, 3 ♀♀, 5-VIII, Zhufeng, Fengxian County.

30. *Carterocephalus houngty* Oberthür, 1886: 1 ♂, 21-VII, Meilugou, Diebu County.
31. *Pyrgus maculatus* (Bremer & Grey, 1853): 1 ♀, 28-VII; 2 ♂♂, 29-VII, Pianpiangou, Zhouqu County.

Papilionidae

Papilioninae

32. *Papilio bianor* Cramer, [1777]: 1 ♂, 8-VII, Simianshan; 1 ♂, 25-VII, Tiangangou, Zhouqu County; 1 ♂, 29-VII, Pianpiangou, Zhouqu County.
33. *Papilio macilentus* Janson, 1877: 1 ♂, 25-VII, Tiangangou, Zhouqu County.
34. *Papilio xuthus* (Linnaeus, 1767): 1 ♂, 23-VII, Lazikou, Diebu County.
35. *Graphium sarpedon* (Linnaeus, 1758) : 1 ♂, 8-VII, Simianshan.
36. *Byasa confusus* Jordan, 1896: 2 ♂♂, 14-VII, Liping Natural Reserve, Nanzheng County.

Parnasiinae

37. *Parnassius stubbendorfii* Ménétriès, 1849: 1 ♂, 18-VII, Xiongmaogou, Xiahe County.
38. *Parnassius jacquemontii* Boisduval, 1836: 1 ♂, 18-VII, Xiongmaogou, Xiahe County.
39. *Parnassius orleans* Oberthür, 1890: 2 ♂♂, 3 ♀♀, 17-VII, Xiongmaogou, Xiahe County.
40. *Parnassius imperator* Oberthür, 1883: 3 ♂♂, 22-VII, Tiechiliang, Diebu County.

Pieridae

Pierinae

41. *Delias berinda* (Moore, 1872) (fig. 17, 18): 1 ♀, 7-VII, Simianshan.
42. *Pieris erutae* Poujade, 1888: 2 ♂♂, 1 ♀, 5-VII, Simianshan.
43. *Pieris extensa* Poujade, 1888: 2 ♂♂, 1 ♀, 12-VII, Liping Natural Reserve, Nanzheng County; 1 ♀, 26-VII, Tiangangou, Zhouqu County; 1 ♂, 28-VII, Pianpiangou, Zhouqu County.
44. *Pieris brassicae* (Linnaeus, 1758): 1 ♂, 25-VII, Tiangangou, Zhouqu County.
45. *Pieris venata* (Leech, 1891): 1 ♂, 17-VII; 1 ♂, 18-VII, Xiongmaogou, Xiahe County.
46. *Mesapia peloria* (Hewitson, [1853]): 1 ♂, 17-VII, 1 ♂, 18-VII, Xiongmaogou, Xiahe County.
47. *Aporia procris* Leech, 1890: 2 ♂♂, 16-VII; 1 ♀, 17-VII; 4 ♂♂, 18-VII, Xiongmaogou, Xiahe County.
48. *Aporia nishimurai* Koiwaya, 1989 (fig. 15, 16): 1 ♀, 25-VII, Tiangangou, Zhouqu County.
49. *Aporia delavayi* (Oberthür, 1890): 1 ♂, 2 ♀♀, 21-VII, Meilugou, Diebu County; 1 ♂, 25-VII, Tiangangou, Zhouqu County.
50. *Aporia genestieri* (Oberthür, 1902): 1 ♂, 12-VII; 1 ♂, 13-VII; 1 ♀, 13-VII, Liping Natural Reserve.

Coliadinae

51. *Dercus lycorias* (Doubleday, 1842): 1 ♂, 6-VII; 1 ♂, 8-VII, Simianshan.
52. *Gonepteryx amintha* Blanchard, 1871: 1 ♂, 13-VII, Liping Natural Reserve, Nanzheng County; 1 ♀, 31-VII, Danangou, Fengxian County.
53. *Gonepteryx aspasia* (Ménétriès, 1859): 2 ♀♀, 25-VII; 1 ♀, 26-VII, Tiangangou, Zhouqu County; 1 ♀, Pianpiangou, Zhouqu County.
54. *Colias poliographus* Motschulsky, 1860: 1 ♂, 28-VII, Pianpiangou, Zhouqu County.
55. *Colias fieldii* (Ménétriès, 1855): 1 ♂, 14-VII, Liping Natural Reserve, Nanzheng County; 1 ♂, 17-VII, 1 ♂, 18-VII, Xiongmaogou, Xiahe County; 2 ♂♂, 21-VII, Meilugou, Diebu County; 1 ♂, 22-VII, Tiechiliang, Diebu County.
56. *Pontia edusa* (Fabricius, 1777): 1 ♂, 28-VII, Pianpiangou, Zhouqu County.
57. *Leptidea gigantea* (Leech, 1890): 1 ♂, 13-VII, Liping Natural Reserve, Nanzheng County; 1 ♂, 23-VII, Lazikou, Diebu County.
58. *Leptidea sinapis* (Linnaeus, 1758): 2 ♂♂, 21-VII, Meilugou, Diebu County; 1 ♂, 26-VII, Tiangangou, Zhouqu County

Nymphalidae

Danainae

59. *Parantica sita* (Kollar, [1844]): 1 ♂, 8-VII; 1 ♀, 6-VII, Simianshan.

Morphinae

60. *Aemona oberthueri* (Stichel, 1906): 1 ♂, 1 ♀, 6-VII; 1 ♀, 9-VII, Simianshan.
61. *Faunis aerope* (Leech, 1890): 1 ♂, 5-VII; 1 ♂ 6-VII; 1 ♂, 7-VII, Simianshan; 1 ♂, 14-VII, Liping Natural Reserve, Nanzheng County.

Heliconiinae

62. *Argynnis hyperbius* (Linnaeus, 1763): 1 ♂, 7-VII, Simianshan.
63. *Argynnis adippe* (Rottemburg, 1775): 2 ♂♂, 14-VII, Liping Natural Reserve, Nanzheng County; 1 ♂, 31-VII, Danangou, Fengxian County.
64. *Argynnis laodice* (Pallas, 1771): 2 ♂♂, 12-VII, Liping Natural Reserve, Nanzheng County; 1 ♂ 21-VII, Meilugou, Diebu County.
65. *Argynnis childreni* (Gray, 1831): 3 ♂♂, 13-VII, Liping Natural Reserve, Nanzheng County.
66. *Argynnis sagana* (Doubleday, [1847]): 2 ♂♂, 13-VII, Liping Natural Reserve, Nanzheng County; 3 ♂♂, 28-VII, Pianpiangou, Zhouqu County.
67. *Boloria palina* (Fruhstorfer, 1904): 3 ♂♂, 17-VII; 20 ♂♂, 1 ♀, 18-VII; Xiongmaogou, Xiahe County; 12 ♂♂, 22-VII, Tiechiliang, Diebu County.
68. *Clossiana gong* Oberthür, 1884: 13 ♂♂, 2 ♀♀,18-VII, Xiongmaogou, Xiahe County; 1 ♂, 21-VII, Meilugou, Diebu County; 2 ♂♂, 28-VII; 1 ♂, 29-VII, Pianpiangou, Zhouqu County; 3 ♂♂, 2-VIII, Miaowangshan, Fengxian Coun-

ty; 1 ♂♂, 31-VII, Danangou, Fengxian County.
69. *Issoria eugenia* (Eversmann, 1847): 6 ♂♂, 2 ♀♀, 22-VII, Tiechiliang, Diebu County.

Nymphalinae

70. *Symbrenthia leoparda* Chou & Li, 1994: 1 ♀, 6-VII, Simianshan.
71. *Araschnia doris* Leech, 1892: 1 ♂, 12-VII, Liping Natural Reserve, Nanzheng County.
72. *Araschnia davidis* Poujade, 1885: 1 ♂, 21-VII, Meilugou, Diebu County.
73. *Polygonia c-album* (Linnaeus, 1758): 1 ♂, 4-VII, Headwater of Jialingjiang River, Fengxian County.
74. *Junonia orithya* (Linnaeus, 1758): 1 ♂, 13-VII, Liping Natural Reserve, Nanzheng County.
75. *Vanessa cardui* (Linnaeus, 1758): 1 ♂, 22-VII, Tiechiliang, Diebu County.
76. *Kaniska canace* (Linnaeus, 1763): 1 ♂, 20-VII, Laolonggou, Diebu County.
77. *Aglais nixa* Grum-Grshimailo, 1890: 4 ♂♂, 22-VII, Tiechiliang, Diebu County.
78. *Inachis io* (Linnaeus, 1758): 1 ♂, 26-VII, Tiangangou, Zhouqu County.
79. *Melitaea arcesia* Bremer, 1861: 1 ♂, 17-VII; 1 ♀, 16-VII, Xiongmaogou, Xiahe County; 13 ♂♂, 2 ♀♀, 22-VII, Tiechiliang, Diebu County.

Charaxinae

80. *Polyura narcaea* (Hewitson, 1854): 1 ♂, 9-VII, Simianshan.

Cyrestinae

81. *Stibochiona nicea* (Gray, 1846): 1 ♂, 6-VII, Simianshan.

Limentinae

82. *Euthalia strephon* Grose-Smith, 1893: 1 ♂, 7-VII, Simianshan.
83. *Euthalia bunzoi* Sugiyama, 1996: 1 ♂, 8-VII, Simianshan.
84. *Euthalia kameii* Koiwaya, 1996: 1 ♂, 25-VII, Tiangangou, Zhouqu County; 1 ♂, 28-VII, Pianpiangou, Zhouqu County; 2 ♂♂, 2 ♀♀, 31-VII, Danangou, Fengxian County.
85. *Abrota ganga* Moore, 1857: 1 ♀, 5-VIII, Xiaonangou, Fengxian County.
86. *Athyma opalina* (Kollar, [1844]): 1 ♂, 7-VII; 1 ♂, 9-VII, Simianshan.
87. *Athyma asura* Moore, 1858: 1 ♂, 9-VII, Simianshan.
88. *Limenitis ciocolitana* Poujade, 1885: 1 ♂, 31-VII, Danangou, Fengxian County.
89. *Limenitis mimica* (Poujade, 1885): 1 ♂, 13-VII, Liping Natural Reserve, Nanzheng County; 1 ♀, 25-VII, Tiangangou, Zhouqu County; 1 ♂, 31-VII, Danangou, Fengxian County.
90. *Limenitis cleophas* Oberthür, 1893: 1 ♂, 14-VII, Liping Natural Reserve, Nanzheng County.
91. *Limenitis homeyeri* Tancré, 1881: 1 ♂, 1 ♀, 13-VII, Liping Natural Reserve, Nanzheng County; 1 ♂, 21-VII, Meilugou, Diebu County; 1 ♂, 28-VII, 1 ♂, 29-VII, Pianpiangou, Zhouqu County.
92. *Limenitis helmanni* Lederer, 1853: 1 ♂, 1 ♀, 25-VII, Tiangangou, Zhouqu County, 1 ♂, 28-VII, Pianpiangou, Zhouqu County.
93. *Limenitis cottini* Oberthür, 1884: 1 ♂, 21-VII, Meilugou, Diebu County; 1 ♂, 28-VII, Tiangangou, Zhouqu County.
94. *Patsuia sinensium* (Oberthür, 1876): 1 ♂, 21-VII, Meilugou, Diebu County; 3 ♂♂, 26-VII, Tiangangou, Zhouqu County.
95. *Parasarpa albomaculata* (Leech, 1891): 1 ♂, 26-VII; 1 ♂, 25-VII, Tiangangou,Zhouqu County, 1 ♀, 28-VII, Pianpiangou, Zhouqu County.
96. *Neptis sappho* (Pallas, 1771): 1 ♂, 12-VII, Liping Natural Reserve, Nanzheng County; 1 ♂, 29-VII, Pianpiangou, Zhouqu County.
97. *Neptis sankara* (Kollar, [1844]): 1 ♀, 8-VII, Simianshan.
98. *Neptis soma* Moore, 1858: 1 ♂, 5-VII; 1 ♂, 9-VII, Simianshan.
99. *Neptis clinia* Moore, 1872: 2 ♂♂, 9-VII, Simianshan.
100. *Neptis yerburii* Butler, 1886: 1 ♂, 6-VII; 1 ♂, 8-VII; 2 ♂♂, 9-VII, Simianshan.
101. *Neptis meloria* Oberthür, 1906: 1 ♀, 9-VII, Simianshan.
102. *Neptis thestia* Leech, 1890: 1 ♀, 6-VII, Simianshan.
103. *Neptis radha* Moore, 1857: 3 ♂♂, 7-VII, Simianshan.
104. *Neptis miah* Moore, 1857: 1 ♂, 9-VII, Simianshan.
105. *Neptis armandia* Oberthür, 1876: 1 ♂, 8-VII, Simianshan; 1 ♂, 28-VII; 1 ♀, 29-VII, Pianpiangou, Zhouqu County.
106. *Neptis beroe* Leech, 1890: 1 ♀, 6-VII, Simianshan.
107. *Neptis rivularis* (Scopoli, 1763): 3 ♂♂, 13-VII; 1 ♂, 12-VII, Liping Natural Reserve, Nanzheng County; 3 ♂♂, 1 ♀, 21-VII, Meilugou, Diebu County; 1 ♂, 25-VII; 2 ♂♂, 1 ♀, 26-VII, Tiangangou, Zhouqu County; 1 ♀, 29-VII, Pianpiangou, Zhouqu County.
108. *Neptis cydippe* Leech,1890: 1 ♂, 12-VII; 1 ♂, 13-VII, Liping Natural Reserve, Nanzheng County; 2 ♂♂, 25-VII, Tiangangou, Zhouqu County; 1 ♂, 1 ♀, 28-VII, Pianpiangou, Zhouqu County.
109. *Neptis nemorosa* Oberthür, 1906: 1 ♀, 14-VII, Liping Natural Reserve, Nanzheng County; 1 ♀, 28-VII, Pianpiangou, Zhouqu County.
110. *Neptis ilos* Fruhstorfer, 1909: 1 ♂, 12-VII, Liping Natural Reserve, Nanzheng County.
111. *Neptis themis* Leech, 1890: 1 ♀, 2-VIII, Miaowangshan, Fengxian County; 1 ♀, 31-VII, Danangou, Fengxian County; 1 ♂, 29-VII, Pianpiangou, Zhouqu County.
112. *Neptis andetria* Fruhstorfer, 1913: 1 ♂, 14-VII, Liping Natural Reserve, Nanzheng County; 2 ♂♂, 28-VII, Pianpiangou, Zhouqu County.
113. *Neptis thisbe* (Ménétriès, 1859): 1 ♂, 28-VII; 1 ♀, 29-VII, Pianpiangou, Zhouqu County.
114. *Neptis mahendra* Moore, 1872 (fig. 11, 13): 1 ♂, 28-VII; 1 ♂, 1 ♀, 29-VII, Pianpiangou, Zhouqu County.
115. *Neptis choui* Yuan & Wang, 1994 (fig. 12, 14): 2 ♀♀, 28-VII, Pianpiangou, Zhouqu County. **Remarks**: These 2 ♀♀

agree mostly with the unique holotype of *N. choui* Yuan & Wang from Ningshan County, Shaanxi Province, but differ from the latter in having the discal band on both sides of hindwing broader and the white markings on both wings upperside more prominent. One of them has the discal band wider than in another specimen but narrower than in a ♀ of *N. mahendra* Moore collected in the same locality (fig. 13). Bozano (2008) stated that this species is hardly distinguishable from *N. soma* Moore, 1858. However, after examing the specimens from Zhouqu County, I concluded that *N. choui* Yuan & Wang is more closely related to *N. mahendra* Moore by having the pure white markings on both wings upperside in contrast to the creamy white markings in *N. soma* Moore.

Libytheinae

116. *Libythea lepita* Moore, 1857: 1 ♂, 29-VII, Pianpiangou, Zhouqu County.

Apaturinae

117. *Apatura iris* (Linnaeus, 1758): 1 ♂, 26-VII, Tiangangou, Zhouqu County; 1 ♀, 28-VII, Pianpiangou, Zhouqu County.
118. *Apatura ilia* (Schiffer-Müller, 1775): 1 ♀, 25-VII, Tiangangou, Zhouqu County.
119. *Mimathyma schrenckii* (Ménétriès, 1859): 1 ♀, 2-VIII, Miaowangshan, Fengxian County.

Satyrinae

120. *Penthema adelma* (C. & R. Felder, 1862): 1 ♂, 6-VII, Simianshan.
121. *Melanitis phedima* (Cramer, [1780]): 1 ♂, 6-VII, Simianshan.
122. *Acropolis thalia* (Leech, 1891): 3 ♂♂, 6-VII, Simianshan.
123. *Ypthima tappana* Matsumura, 1909: 2 ♂♂, 1 ♀, 8-VII, Simianshan.
124. *Ypthima conjuncta* Leech, 1891: 1 ♂, 6-VII, Simianshan.
125. *Ypthima multistriata* Butler, 1883: 2 ♂♂, 12-VII, Liping Natural Reserve, Nanzheng County; 1 ♂, 28-VII, Pianpiangou, Zhouqu County; 1 ♂, 29-VII, Pianpiangou, Zhouqu County; 1 ♀, 31-VII, Danangou, Fengxian County.
126. *Ypthima argus* Butler, 1866: 1 ♂, 7-VII; 1 ♂, 9-VII, Simianshan; 2 ♂♂, 1 ♀, 12-VII; 2 ♀♀, 14-VII, Liping Natural Reserve, Nanzheng County; 1 ♀, 25-VII, Tiangangou, Zhouqu County; 1 ♀, 28-VII, Pianpiangou, Zhouqu County; 2 ♀♀, 13-VII, Liping Natural Reserve, Nanzheng County.
127. *Ypthima eckweileri* Uémura & Koiwaya , 2001 (fig. 1, 2): 3 ♂♂, 14-VII, Liping Natural Reserve, Nanzheng County.
128. *Ninguta schrenckii* (Ménétriès, 1859): 1 ♂, 12-VII, Liping Natural Reserve, Nanzheng County.
129. *Tatinga thibetana* (Oberthür, 1886): 1 ♂, 1 ♀, 21-VII, Meilugou, Diebu County; 2 ♂♂, 31-VII, Danangou, Fengxian County; 1 ♀, 2-VIII, Miaowangshan, Fengxian County.
130. *Neope armandii* (Oberthür, 1876): 1 ♀, 31-VII, Danangou, Fengxian County.
131. *Neope serica* Leech, 1892: 1 ♀, 13-VII, Liping Natural Reserve, Nanzheng County.
132. *Rhaphicera dumicola* (Oberthür, 1876): 1 ♂, 28-VII; 1 ♀, 29-VII, Pianpiangou, Zhouqu County; 1 ♀, 3-VIII, Xiaonangou, Fengxian County.
133. *Lopinga catena* Leech, 1892: 3 ♀♀, 29-VII, Pianpiangou, Zhouqu County; 5 ♀♀, 31-VII, Danangou, Fengxian County.
134. *Lopinga gerdae* Nordström, 1939: 1 ♂, 16-VII; 5 ♂♂, 7 ♀♀, 18-VII, Xiongmaogou, Xiahe County; 1 ♀, 20-VII, Laolonggou, Diebu County.
135. *Lopinga eckweileri* Görgner, 1990: 1 ♀, 21-VII, Meilugou, Diebu County, leg. Guo-Xi Xue, kept in Dr. Song-Yun Lang's collection, Chengdu, China.
136. *Lethe manzorum* (Poujade, 1884): 1 ♀, 7-VII, Simianshan; 1 ♀, 3-VIII; 1 ♀, 4-VIII, Xiaonangou, Fengxian County.
137. *Lethe verma* (Kollar, [1844]): 1 ♂, 6-VII; 1 ♂, 8-VII; 1 ♀, 9-VII,Simianshan.
138. *Lethe oculatissima* (Poujade, 1885): 1 ♂, 28-VII, Pianpiangou, Zhouqu County, 1 ♀, 31-VII, Danangou, Fengxian County.
139. *Lethe marginalis* Motschulsky, 1860: 2 ♂♂, 12-VII; 1 ♂, 14-VII, Liping Natural Reserve, Nanzheng County.
140. *Lethe proxima* Leech, [1892]: 1 ♂, 13-VII, Liping Natural Reserve, Nanzheng County.
141. *Lethe lanaris* Butler, 1877: 1 ♂, 12-VII, Liping Natural Reserve, Nanzheng County; 3 ♀♀, 5-VIII, Xiaonangou, Fengxian County.
142. *Lethe liyufeii* Huang, 2014 (fig. 7, 8): 2 ♀♀, 29-VII, Pianpiangou, Zhouqu County; 1 ♀, 31-VII, Danangou, Fengxian County; 1 ♂, 2 ♀♀, 3-VIII, Xiaonangou, Fengxian County. **Remarks**: The 2 ♀♀ obtained from Zhouqu County are markedly smaller than the ♀♀ collected from Fengxian County, with a forewing-length of 31mm against 35mm.
143. *Lethe leei* Zhao & Wang, 2000 (fig. 3-6): 11 ♂♂, 3 ♀♀, 31-VII, Danangou, Fengxian County
144. *Lethe christophi* Leech, 1891: 1 ♀, 12-VII, Liping Natural Reserve, Nanzheng County.
145. *Lethe diana* (Butler,1866): 1 ♀, 31-VII, Danangou, Fengxian County.
146. *Lethe uemurai* Sugiyama, 1994: 1 ♀, 21-VII, Meilugou, Diebu County; 1 ♂, 31-VII, Danangou, Fengxian County.
147. *Lethe privigna* Leech, [1892]: 2 ♂♂, 3 ♀♀, 3-VIII; 1 ♀, 5-VIII Xiaonangou, Fengxian County.
148. *Lethe nigrifascia* Leech, 1890: 1 ♀, 3-VIII, Xiaonangou, Fengxian County; 3 ♀♀, 31-VII, Danangou, Fengxian County.
149. *Lethe serbonis* (Hewitson, 1876): 3 ♂♂, 25-VII; 1 ♂, 26-VII, Tiangangou, Zhouqu County; 2 ♂♂, 29-VII, Pianpiangou, Zhouqu County; 1 ♀, 3-VIII, Xiaonangou, Fengxian County.
150. *Lethe cyrene* Leech, 1890: 1 ♀, 3-VIII, Xiaonangou, Fengxian County.
151. *Kirinia epiminides* (Ménétriés, 1859): 2 ♀♀, 27-VII; 3 ♂♂, 1 ♀, 29-VII, Pianpiangou,Zhouqu County; 2 ♂♂, 1 ♀, 2-VIII, Miaowangshan, Fengxian County.
152. *Melanargia meridionaris* (C. & R. Felder, 1862): 1 ♂, 1 ♀, 25-VII, Tiangangou; 1 ♂, 27-VII; 1 ♂, 28-VII, Pianpiangou, Zhouqu County; 2 ♂♂, 1-VIII, Dongshan, Taibai County; 1 ♂, 31-VII, Danangou, Fengxian County.
153. *Melanargia montana* (Leech, 1890): 1 ♂, 12-VII, Liping Natural Reserve, Nanzheng County; 2 ♂♂; 1 ♀, 13-VII, Liping Natural Reserve, Nanzheng County.
154. *Melanargia ganymedes* Rühl, 1895: 9 ♂♂, 21-VII, Meilugou, Diebu County; 1 ♀, 22-VII, Tiechiliang, Diebu County; 1 ♀, 29-VII, Pianpiangou, Zhouqu County.
155. *Hemadara rurigena* (Leech,1890): 3 ♂♂, 12-VII, Liping Natural Reserve, Nanzheng County.

156. *Minois dryas* (Scopoli, 1763) (fig. 9, 10): 2 ♂♂, 29-VII, Pianpiangou, Zhouqu County; 1 ♂, 1 ♀ 1-VIII, Dongshan, Taibai County.
157. *Aphantopus hyperantus* (Linnaeus, 1758): 7 ♂♂, 16-VII; 2 ♂♂, 17-VII; 1 ♂, 18-VII, Xiongmaogou, Xiahe County; 5 ♂♂, 2 ♀♀, 22-VII, Tiechiliang, Diebu County; 5 ♂♂, 21-VII, Meilugou, Diebu County; 1 ♂, 1 ♀, 1-VIII, Dongshan, Taibai County.
158. *Aphantopus arvensis* Oberthür, 1876: 2 ♀♀, 21-VII, Meilugou, Diebu County; 1 ♀, 23-VII, Lazikou, Diebu County; 1 ♂, 2 ♀♀, 29-VII, Pianpiangou, Zhouqu County; 1 ♀, 31-VII, Danangou, Fengxian County; 1 ♀, 1-VIII, Dongshan, Taibai County.
159. *Erebia alcmena* Grum-Grshimailo, 1891: 9 ♂♂, 18-VII, Xiongmaogou, Xiahe County; 1 ♂ 22-VII, Tiechiliang, Diebu County; 7 ♂♂, 5-VIII, Zhufeng, Fengxian County.
160. *Palaeonympha opalina* Butler, 1871: 2 ♀♀, 12-VII, Liping Natural Reserve, Nanzheng County.
161. *Coenonympha amaryllis* (Stoll, [1782]): 2 ♂♂, 26-VII, Xiongmaogou, Xiahe County; 1 ♂, 3-VIII, Xiaonangou, Fengxian County.
162. *Coenonympha semenovi* Alphéraky, 1887: 1 ♂, 16-VII; 2 ♂♂, 17-VII; 8 male, 18-VII, Xiongmaogou, Xiahe County.
163. *Mycalesis misenus* De Nicéville, 1889: 1 ♂, 12-VII, Liping Natural Reserve, Nanzheng County.
164. *Mycalesis unica* Leech, [1892]: 1 ♀, 9-VII, Simianshan, leg. & coll. Guo-Xi Xue.

Lycaenidae

Riodininae

165. *Dodona ouida* Hewitson, 1866: 2 ♂♂, 1 ♀, 7-VII, Simianshan.
166. *Dodona maculosa* Leech, 1890: 1 ♀, 9-VII, Simianshan.
167. *Stiboges nymphidia* Butler, 1876: 1 ♀, 5-VII; 2 ♂♂, 4 ♀♀, 6-VII, Simianshan.
168. *Abisara burnii* (De Nicéville, 1895): 3 ♂♂, 6-VII, Simianshan.
169. *Abisara fylloides* (Moore, 1902): 1 ♀, 5-VII; 3 ♂♂, 4 ♀♀, 6-VII, Simianshan.
170. *Zemeros flegyas* (Cramer, [1780]): 1 ♂, 8-VII, Simianshan.

Curetinae

171. *Curetis acuta* Moore, 1877: 1 ♂, 8-VII, Simianshan.

Theclinae

172. *Thecla betulina* Staudinger, 1887: 3 ♂♂, 3 ♀♀, Dongshan, Taibai County; 2 ♂♂, 2-VIII, Miaowangshan, Fengxian County; 2 ♂♂, 31-VII, Danangou, Fengxian County.
173. *Gonerilia thespis* (Leech, 1890): 1 ♂, 29-VII, Pianpiangou, Zhouqu county; 1 ♀, 1-VIII, Dongshan, Taibai County.
174. *Gonerilla pesthis* Chou & Wang, 1998: 2 ♂♂, 29-VII, Pianpiangou, Zhouqu County.
175. *Gonerilia seraphium* (Oberthür, 1886): 2 ♂♂, 28-VII, Pianpiangou, Zhouqu County.
176. *Gonerilia kitawakii* (Koiwaya, 1993): 1 ♂, 13-VII, Liping Natural Reserve, Nanzheng County; 3 ♀♀, 2-VIII, Miaowangshan, Fengxian County; 2 ♀♀, 5-VIII, Xiaonangou, Fengxian County.
177. *Gonerilia okamurai* (Koiwaya, 1996): 1 ♀, 13-VII, Liping Natural Reserve, Nanzheng County.
178. *Ussuriana fani* Koiwaya, 1993: 1 ♀, 4-VIII, Xiaonangou, Fengxian County.
179. *Wagimo sulgeri* (Oberthür, 1908): 1 ♀, 29-VII, Pianpiangou, Zhouqu County.
180. *Esakiozephyrus neis* (Oberthür, 1914): 2 ♂♂, 14-VII, Liping Natural Reserve, Nanzheng County; 1 ♂, 28-VII, Pianpiangou, Zhouqu County; 1 ♀, 1-VIII, Dongshan,Taibai County.
181. *Teratozephyrus nuwai* Koiwaya, 1996: 1 ♂, 29-VII, Pianpiangou, Zhouqu county; 1 ♂, 3-VIII; 1 ♂, 4-VIII, Xiaonangou, Fengxian County.
182. *Chrysozephyrus marginatus* Howarth, 1957: 1 ♀, 25-VII; 1 ♂, 26-VII, Tiangangou, Zhouqu County; 2 ♂♂, 29-VII, Pianpiangou, Zhouqu County; 12 ♂♂, 31-VII, Danangou, Fengxian County.
183. *Chrysozephyrus smaragdinus* (Bremer, 1861): 21 ♂♂, 1 ♀, 7-VII, Simianshan; 1 ♂, 28-VII, Pianpiangou, Zhouqu County; 1 ♂, 31-VII, Danangou, Fengxian County.
184. *Chrysozephyrus sakula* Sugiyama, 1992: 1 ♂, Pianpiangou, Zhouqu County.
185. *Favonius leechii* (Riley, 1939): 2 ♂♂, 13-VII; 2 ♂♂, 14-VII, Liping Natural Reserve, Nanzheng County.
186. *Favonius taxila* (Bremer, 1861): 2 ♂♂, 1-VIII, Dongshan, Taibai County.
187. *Araragi enthea* (Janson, 1877): 1 ♂, 13-VII, Liping Natural Reserve, Nanzheng County, leg. & coll. Guo-Xi Xue.
188. *Satyrium eximia* (Fixsen, 1887): 1 ♀, 29-VII, Pianpiangou, Zhouqu County; 1 ♂, 1-VIII, Dongshan, Taibai County.
189. *Satyrium ornata* (Leech, 1890): 1 ♂, 12-VII, Liping Natural Reserve, Nanzheng County.
190. *Satyrium percomis* (Leech, 1894): 1 ♂, 1 ♀, 31-VII, Danangou, Fengxian County; 1 ♀, 2-VIII, Miaowangshan, Fengxian County.
191. *Satyrium inflammata* (Alphéraky, 1889): 1 ♀, 27-VII, Pianpiangou, Zhouqu County.
192. *Satyrium prunoides* (Staudinger, 1887): 1 ♀, 28-VII, Pianpiangou, Zhouqu County.
193. *Satyrium patrius* (Leech, 1891) (fig. 19): 1 ♀, 29-VII, Pianpiangou, Zhouqu County. **Remarks**: It is the first record of this species from outside Sichuan.
194. *Deudorix sylvana* Oberthür, 1913: 3 ♂♂, 12-VII, Liping Natural Reserve, Nanzheng County.
195. *Rapala micans* (Bremer & Grey, 1853): 1 ♀, 12-VII, Liping Natural Reserve, Nanzheng County; 1 ♀, 25-VII, Tiangangou, Zhouqu County.
196. *Rapala caerulea* (Bremer & Grey, [1851]): 1 ♀, 14-VII, Liping Natural Reserve, Nanzheng County; 1 ♀, 29-VII, Pianpiangou, Zhouqu County.
197. *Rapala subpurpurea* Leech, 1890: 1 ♂, 1 ♀, 9-VII, Simianshan.
198. *Pratapa contractus* (Leech, 1890) (fig. 20): 2 ♂♂, 7-VII, Simianshan.

199. *Pratapa* spec. : 1 ♂ 12-VII, Liping Natural Reserve, Nanzheng County. **Remarks**: This unique ♂ represents the northernmost record in distribution of the genus *Pratapa*. It differs from the ♂♂ of *P. contractus* (Leech) from Chongqing and western Sichuan in having a smaller size (forewing-length 16.5mm against 17mm), the more restricted blue patches in anal area of the hindwing upperside, and the absence of the postdiscal line in space 1b on the forewing underside.
200. *Mahathala ariadeva* Fruhstorfer, 1908: 1 ♀, 6-VII, Simianshan.

Lycaeninae

201. *Heliophorus epicles* (Godart, [1824]) 1 ♂, 5-VII, Simianshan.
202. *Heliophorus saphir* (Blanchard, 1871): 1 ♂, 1 ♀, 9-VII, Simianshan; 1 ♂, 26-VII, Tiangangou; 1 ♂, 1 ♀, 28-VII, Pianpiangou, Zhouqu County.
203. *Lycaena standfussi* (Grum-Grshimailo, 1891): 3 ♂♂, 2 ♀♀, 18-VII, Xiongmaogou, Xiahe County; 1 ♂, 22-VII, Tiechiliang, Diebu County.

Polyommatinae

204. *Niphanda fusca* (Bremer & Grey, 1853): 1 ♂, 7-VII, Simianshan; 1 ♀, 28-VII, Pianpiangou, Zhouqu county; 1 ♀, 29-VII, Pianpiangou, Zhouqu County.
205. *Tongeia potanini* (Alphéraky, 1889): 1 ♂, 8-VII, Simianshan.
206. *Tongeia filicaudis* (Pryer, 1877): 1 ♂, 8-VII, Simianshan.
207. *Bothrinia nebulosa* (Leech, 1890): 1 ♂, 28-VII; 1 ♀, 29-VII, Pianpiangou, Zhouqu County.
208. *Celatoxia marginata* (De Nicéville, [1884]): 2 ♂♂, 1 ♀, 7-VII, Simianshan.
209. *Celastrina argiolus* (Linnaeus, 1758): 1 ♂, 7-VII; 1 ♀, 6-VII, Simianshan; 1 ♀, 12-VII, Liping Natural Reserve, Nanzheng County; 1 ♀, 23-VII, Lazikou, Diebu County; 1 ♂, 29-VII, Pianpiangou, Zhouqu County.
210. *Celastrina oreas* (Leech, [1893]): 1 ♀, 31-VII, Danangou, Fengxian County.
211. *Udara albocaerulea* (Moore, 1879): 1 ♂, 8-VII, Simianshan.
212. *Pseudozizeeria maha* (Kollar, [1844]): 1♂, 9-VII, Simianshan.
213. *Jamides bochus* (Stoll, [1782]): 1 ♀, 7-VII, Simianshan.
214. *Polyommatus amorata* (Alphéraky, 1897): 2 ♂♂, 14-VII, Liping Natural Reserve, Nanzheng County; 13 ♂♂, 5 ♀♀, 28-VII, Pianpiangou, Zhouqu County.
215. *Cupido minimus* (Fuessly, 1775): 1 ♂, 17-VII, Xiongmaogou, Xiahe County.
216. *Sinia leechi* (Forster, 1940): 1 ♀, 18-VII, Xiongmaogou, Xiahe County, leg. & coll. Guo-Xi Xue.
217. *Albulina orbitulus* (De Prunner, 1798): 2 ♂♂, 16-VII; 5 ♂♂, 17-VII; 3 ♀♀, 18-VII, Xiongmaogou, Xiahe County; 1 ♂, 1 ♀, 22-VII, Tiechiliang, Diebu County.
218. *Everes argiades* (Pallas, 1771): 1 ♂, 23-VII, Lazikou, Diebu County; 1 ♂, 25-VII, Tiangangou, Zhouqu County.

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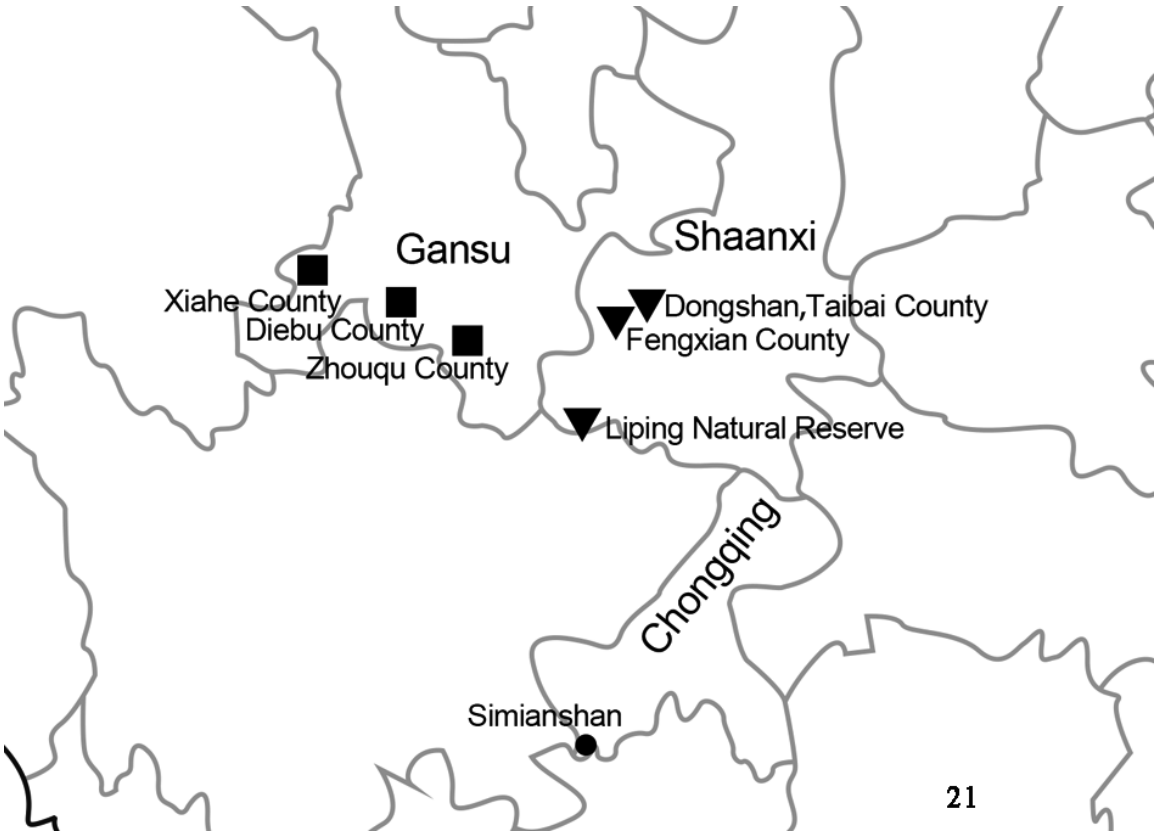

Fig. A: Map of the collecting sites.

Fig. 1, 2: *Ypthima eckweileri* Uémura & Koiwaya, 2001, ♂, Liping Natural Reserve, Nanzheng County. **Fig. 3-6**: *Lethe leei* Zhao & Wang, 2000, Danangou, Fengxian County; (3, 4) ♂, (5, 6) ♀. **Fig. 7, 8:** *Lethe liyufeii* Huang, 2014, ♀, Pianpiangou, Zhouqu County. **Fig. 9, 10**: *Minois dryas* (Scopoli, 1763), ♂, Pianpiangou, Zhouqu County. **Fig. 11**: *Neptis mahendra* Moore, 1872, ♂, Pianpiangou, Zhouqu County. **Fig. 12**: *Neptis choui* Yuan & Wang, 1994, ♀, Pianpiangou, Zhouqu County. **Fig. 13**: *Neptis mahendra* Moore, 1872, ♀, Pianpiangou, Zhouqu County. **Fig. 14**: *Neptis choui* Yuan & Wang, 1994, ♀, Pianpiangou, Zhouqu County. **Fig. 15, 16**: *Aporia nishimurai* Koiwaya, 1989, ♀, Tiangangou, Zhouqu County. **Fig. 17, 18**: *Delias berinda* (Moore, 1872), ♀, Simianshan. **Fig. 19**: *Satyrium patrius* (Leech, 1891), ♀, Pianpiangou, Zhouqu County. **Fig. 20**: *Pratapa* spec., ♂ Liping Natural Reserve, Nanzheng County.

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