

ウラナミジャノメ属 *motschulskyi* 群の総説 その1

植村好延*

A revisional guide to the *motschulskyi*-group of
the genus *Ypthima* Hübner (Lepidoptera : Nymphalidae, Satyrinae) Part I

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はじめに

タテハチョウ科ジャノメチョウ亜科ウラナミジャノメ属のチョウはアジアに100種以上、アフリカに約15種、マダガスカルに約40種を擁する大属で、多数の酷似種があり同定のもっとも困難なグループのひとつである。ウラナミジャノメ属内の系統関係は Shirôzu and Shima (1979), Shima (1988) により論じられたが、同定の手助けとなるような種の総説はまだない。

今後筆者は種群ごとに種の総説をおこなっていく予定で、その第一弾として *Megalomma* 群の (植村, 2018)、第二弾として *tappana* 群の総説 (植村, 2019) をまとめた。ここではその第三弾として *motschulskyi* 群の総説 (その1) をあつかう。

本文中の略号は以下の通り：UP = upperside, UN = underside, dsf = dry season form, wsf = wet season form, BMNH = Natural History Museum, London, HUFUE = Hokkaido University Museum, Sapporo, KUCGE = Graduate School of Social and Cultural Studies Research, Kyushu University, Fukuoka, RIEB = Research Institute of Evolutionary Biology, Tokyo, ZSI = Zoological Survey of India, Kolkata (Calcutta).

分布記録は所検標本の産地を拾って記録している。文献上からの分布記録は引用を明記してシノニムリス

トと対照できるようにしてある。

本稿を草するにあたり、比較標本の提供などで青木俊明・山口就平 (進化生物学研究所)、故北条篤史 (静岡市)、稲好 豊 (Chiang Mai, Thailand)、小岩屋敏 (宮崎市)、大野義昭 (東京都)、斎藤基樹 (武蔵野市)、酒井誠司 (市川市)、添徹太郎 (東京都)、杉山 整 (岐阜市)、A. L. Monastyrskii (Vietnam Forest Museum of the Forest Inventory and Planning Institute, Hanoi) の諸氏にお世話になった。お礼申し上げる。

Motschulskyi 群 (Shirôzu and Shima, 1979; 鳶, 1988の定義による) の特徴

中型種。後翅裏面は第3, 4, 5室に眼状紋を欠く。後翅裏面の眼状紋は通常大きく明瞭で鮮明。一部の種の乾季型では縮小して点状になる。典型的なウラナミ模様を具える。中国西南部を中心にアッサム地方からウスリー、朝鮮半島・日本列島まで分布する。

♂の前脚は跗節を欠いている (第2図)。

前翅翅脈 R1 は中室端より基部から派生する (第1図)。

♂交尾器：Tegumen と Uncus 間の側面の膜質部が非常に狭いスリットに退行する。Valva は基半部から先方へ向かって強く狭まり、前半の Ampulla + Harpe の

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Key words : Taxonomy, Lepidoptera, Satyrinae, *Ypthima*, *Ypthima motschulskyi*-group.

部分が棒状に伸長, 先端は鋸歯状になる (第4図).

♀ 交尾器: 交尾口の側域に側葉 Lateral Lobes of Lamella Antevaginalis が発達する. 交尾口後方に半球形のカップ状に骨化した Lamella Postvaginalis が発達する.

Motschulskyi 群各種

Ypthima ciris Leech, 1891

Ypthima ciris ciris Leech, 1891

Ypthima ciris Leech, January 1891: 4. Syntypes 5 ♂♂, 5 ♀♀, Wa-shan, Chia-ting-fu, Ta-t sien-lu, Huang-mu-chang, Szechwan, W. China (BMNH) [Syntypes 5 ♂♂, 5 ♀♀, vide South, 1902: Syntypes 8 ♂♂, 5 ♀♀, B.M. Type No. Rh. 3446-3458, vide Riley & Gabriel, 1924].

Ypthima [sic] *clinia* Oberthür, [July] 1891: 16, pl. 2, fig. 13 ♂ (UP & UN). Syntypes ♂♀, Tâ-Tsien-Loû, Szechwan [untraced]. [Synonymised by Leech, 1892: 85.]

Ypthima ciris: Leech, 1892: 85, pl. 10, fig. 9 ♂ (UP & UN). Western China.

Ypthima ciris: Elwes & Edwards, 1893: 41. W. China.

Ypthima ciris: Draeseke, 1925: 53. Wassukow, Sungpan, Tatsienlu.

Ypthima ciris: Forster, 1948: 486-488, pl. 32, fig. 15 ♂ (UP), pl. 33, fig. 15 ♂ (UN). Kunkalashan, Yaho-Tal, Szechwan.

Ypthima ciris: Shirôzu & Shima, 1979: 280, pl. 71, figs. 149 ♀ (UP), 150 ♀ (UN). Siao-Lou, Szechwan.

Ypthima ciris: Lee & Zhu, 1992: 83, figs. 14 ♀ (UP), 15 ♂ (UP), 84, figs. 14 ♀ (UN), 15 ♂ (UN).

Ypthima ciris: Chou et al., 1994: 393, figs. ♂ (UP & UN). Sichuan.

Ypthima ciris: Chao & Wang, 1996: 269, figs. ♂ [recte ♀] (UP & UN), ♂ A(UP & UN). Sichuan.

Ypthima ciris: Wang & Zhao, 2000: 137, figs. ♂ (UP), ♂ (UN), ♀ (UP), ♀ (UN). Huangguoshu, Guizhou.

所検標本. 14 ♂♂, 7 ♀♀.

前翅長: ♂, 19-21 mm; ♀, 20-23 mm.

地理的分布. 中国西部.

分布記録. 中国四川省 Sichuan (Szechwan): Chia-ting-fu (Leech, 1891); Yathal (Forster, 1948); 康定 Kangding (Kangting = Tatsienlu); Wa-ssu-kow (South, 1902); 瀘定 Luding (Luting); 巴子房 Bazifang (Pu-tsu-fong) (South, 1902); Huang-mu-chang (Leech, 1891); Wa-shan (Leech, 1891); Kunkalashan (Forster, 1948); 小金 Xiao Jin; 金川 Jinchuan; 松潘 Songpan (Sungpan) (Draeseke, 1925); 爐霍 Luhuo; Siolo (= Sialou, Siao-Lou) (Shirôzu & Shima, 1979).

貴州省 Guizhou (Kweichow): 黄果树 Huangguoshu (Wang & Zhao, 2000).

Ypthima ciris clinioides Oberthür, 1891

Ypthima [sic] *clinioides* Oberthür, 1891: 16-17. Syntypes 1 ♂, 1 ♀, Yunnan, W. China [untraced].

Ypthima clinioides: Elwes & Edwards, 1893: 51.

Ypthima clinioides [sic]: Fruhstorfer, 1911: 294. Tsekou.

Aphantopus yunnananus Swinhoe, 1915: 172. Holotype ♂, Yunnan (BMNH, B.M. Type No. Rh. 10644) [colour transparencies of upper and underside examined]. **Syn. nov.**

Ypthima yunnanana: Watkins, 1927: 326. Loma River (trib. Mekong) 7000'-8000', Yunnan.

Ypthima ciris f. *clinia*: Forster, 1948: 486-488, pl. 32, fig. 16 ♂ (UP), pl. 33, fig. 16 ♂ (UN). Likiang, Atuntse, Yunnan.

Ypthima ciris f. or bona spec. *clinioides*: Forster, 1948: 486-488.

Ypthima ciris clinioides: Shirôzu & Shima, 1979: 280, pl. 71, figs. 151 ♂ (UP) (as *clinioides*), 152 ♂ (UN) (as *clinioides*). Likiang, Yunnan.

Ypthima ciris ciris f. *clinia*: Huang, 2001: 106. Wenquan of Mangkang, S.E. Tibet.

Ypthima ciris clinioides: Huang, 2003: 100. Xiongdong; Mabilo, N.W. Yunnan.

所検標本. 36 ♂♂, 15 ♀♀.

前翅長: ♂, 20-22 mm; ♀, 20-23 mm.

地理的分布. 中国西部, チベット, ベトナム.

分布記録. 中国雲南省 Yunnan: 昆明 Kunming; 楚雄 Chuxiong; 大理 Dali (Tali); 麗江 Lijiang (Likiang) (Forster, 1948); 德欽 Dêqên (Techin = Atuntse) (Forster, 1948); 虎跳峡 Hutiao Xia; Loma River (trib. Mekong) (Watkins, 1927); Tzoku (Fruhstorfer, 1911); Xiongdong (Huang, 2003); Mabilo (Huang, 2003). チベット Tibet: Wenquan of Mangkang (Huang, 2001). ベトナム Vietnam: Dong Van, Ha Giang Province (**new record**).

Ypthima watsoni (Moore, 1893)

Ypthima watsoni watsoni (Moore, 1893)

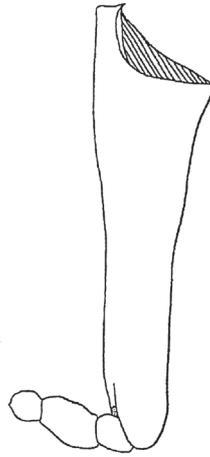
Pandima watsoni Moore, [1893]: 89-90, pl. 113, figs. 4a ♂ (dsf, UP), 4b ♂ (dsf, UN) (in part). Syntypes ♂♀, Burma (BMNH). Syntype 1 ♂, 1 ♀, B.M. Type No. Rh.3401, 3402, vide Riley & Gabriel, [1924.]

Ypthima watsonii [sic]: Watson, 1897: 649-650 (wsf, dsf) (in part). Upper Chindwin, Burma.

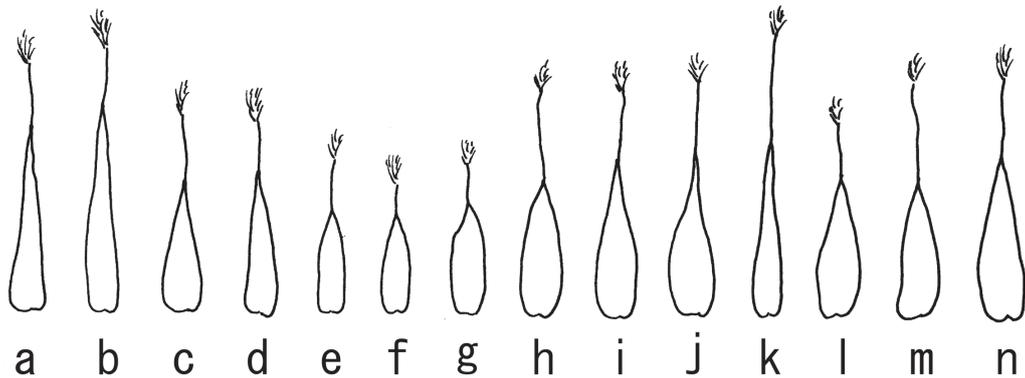
Ypthima watsoni: Godfrey, 1930: 243. Me Wong (600 ft.) and Klong



第1図. *Ypthima motschulskyi*-group の脈相図.

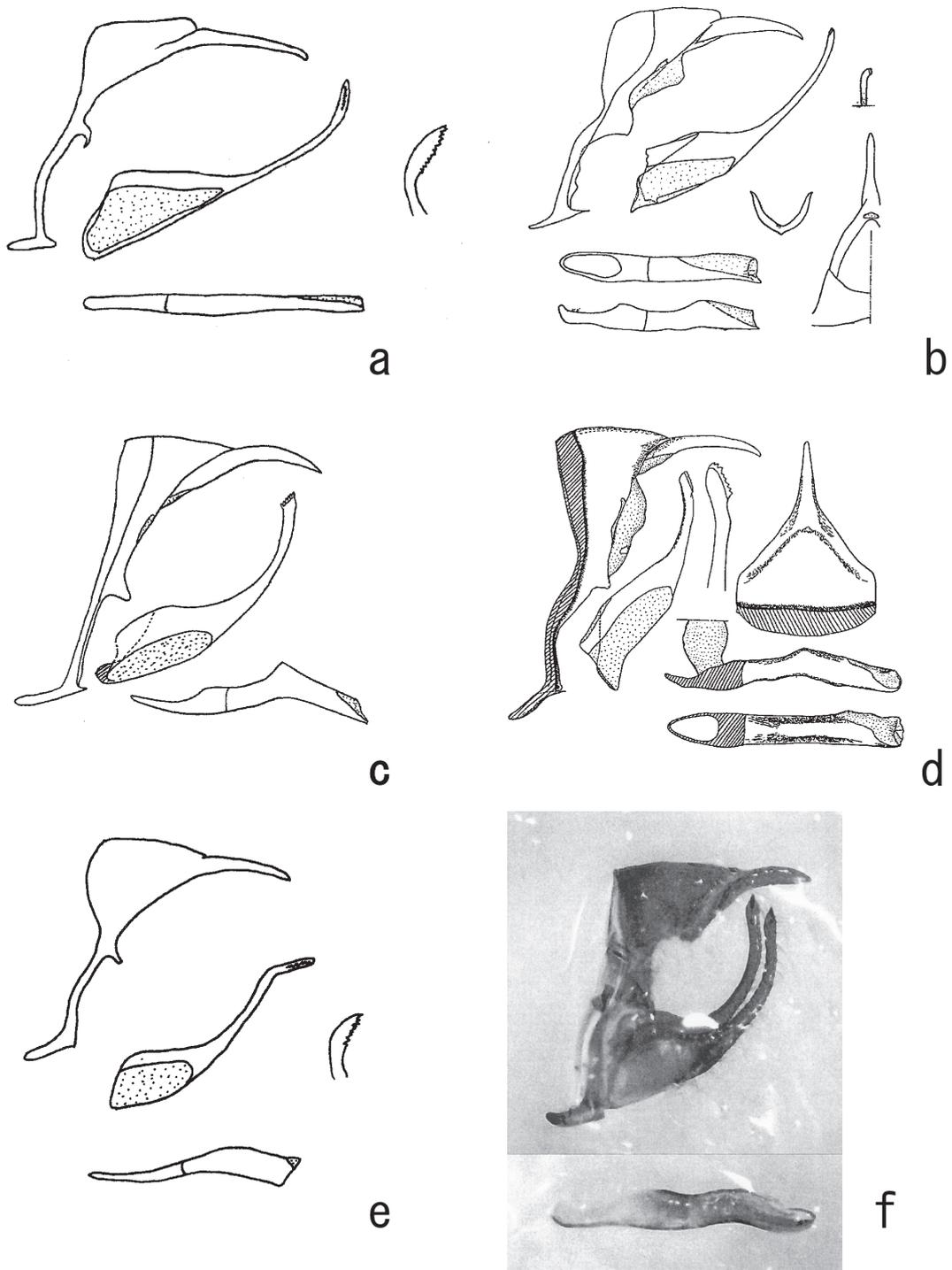


第2図. *Ypthima motschulskyi*-group, *riukuana* ♂ の前脚跗節 (Shirôzu and Shima, 1979 より転載).



第3図. *Ypthima motschulskyi*-group 各種の発香鱗.

a, *ciris ciris*, Kangding, Sichuan; b, *ciris ciris*, Xiao Jin, Sichuan; c, *ciris clinioides*, Dali, Yunnan; d, *ciris clinioides*, Chuxiong, Yunnan; e, *watsoni watsoni*, Manipur; f, *watsoni watsoni*, Wiang Pa Pao, N. Thailand; g, *watsoni inouei*, Lo Go Sa Mat, S. Vietnam; h, *fusca*, Manipur; i, *fusca*, Putao; j, *fusca*, Myitkyina; k, *riukuana*, Okinawa Hontô Is.; l, *lycus lycus*, Khasi Hills, Assam; m, *lycus lycoides*, Chin Hills, Myanmar; n, *phania*, Yunnan.



第4図. *Ypthima motschulskyi*-group 各種の♂交尾器.

a, *ciris*; b, *watsoni* (Aoki and Uémura, 1984 より転載) ; c, *fusca* (Uémura, 1998 より転載) ; d, *riukiwana* (Shirôzu and Shima, 1979 より転載) ; e, *lycus*; f, *phania*.

Klung (400 ft.), W. Siam.

Ypthima pandocus watsoni : Talbot, 1947: 323–324 (wsf, dsf).

Manipur to Southern Burma.

Ypthima watsoni : Cantlie & Norman, 1959: 66. (in part, dsf only).

Ypthima watsoni var. *howarthi* Cantlie & Norman, 1959: 66–67.

Holotype ♂ (dsf), Sebong, Manipur (BMNH). [Paratypes 2 ♂♂ (wsf), Sebong, Manipur (ZSI) examined.] [Synonymised by Aoki & Uémura, 1984: 86–87.]

Ypthima watsoni watsoni : Aoki & Uémura, 1984: 86–87, fig. 16h.

Northern Thailand: Tam Tab Tao; Wing Pa Pao.

Ypthima watsoni watsoni : Eliot, 1988, in Pinratana: 34, 54, pl. 35, figs. 98a ♂ UN(wsf), 98a ♀ . Chiang Mai.

Ypthima watsoni watsoni : Uémura, 1998: 2–3, figs. 1e–g(androconia), 6(♂ genitalia), 8(Paratype of var. *howarthi*, UP), 9(Paratype of var. *howarthi*, UN). Manipur 2000¹ ; Myitkyina, Myanmar; Wiang Pa Pao, Chiang Rai Co., N. Thailand; Tam Tab Tao, near Fang, Chiang Mai Co., Thailand.

Ypthima watsoni ssp. : Yamaguchi, Aoki & Akiyama, 2005: 49, fig. 15. Phu Chong Na Yoi, Ubon Ratchathani.

Ypthima watsoni watsoni : Ek-Amnuay, 2006: 304, pl. 124, ♂ UN, ♀ [♂]. Chiang Mai.

Ypthima watsoni : Shima & Nakanishi, 2007: 53–54, figs. 7(Syntype ♂, UP, UN & label, Syntype ♀, UP, UN & label), 8(Syntype ♂ genitalia). Syntype ♂, Toungoo, Burma, iii.1891, E.Y. Watson, Syntype ♀, Toungoo, Burma, 22.i.1891, E.Y. Watson.

Ypthima watsoni watsoni : Ek-Amnuay, 2012: 304, pl. 124, ♂, ♂ UN. Chiang Mai.

Ypthima watsoni watsoni : Kimura et al., 2016: 202, figs. ♀ (Tam Tab Tao, dsf, UP & UN), ♀ (Kuwai Yai, wsf, UP & UN), 257 (synonymic list).

所検標本. 6 ♂♂, 2 ♀♀ .

前翅長 : ♂, 18–21 mm; ♀, 18–21 mm.

地理的分布. インド東北部, ミャンマー, タイ.

分布記録. インド N.E. India: Sebong, Manipur. ミャンマー – Myanmar: Myitkyina; Toungoo (Shima & Nakanishi, 2007). タイ Thailand: Tam Tab Tao, near Fang; Wiang Pa Pao; Me Wong (Godfrey, 1930); Klong Klung (Godfrey, 1930); Kuwai Yai (Kimura et al., 2016).

Ypthima watsoni peninsulæ Aoki & Uémura, 1984

Ypthima watsoni peninsulæ Aoki & Uémura, 1984: 87–88, text-figs. 16i-j(androconia), 17(♂ genitalia), 42(Holotype ♂, UP & UN), 43(Paratype ♀, UP & UN), pl. 5, figs. 4(Holotype ♂, UP), 8(Holotype ♂, UN). Holotype ♂, Nam Tok Than Tho,

near Yala, Peninsular Thailand (RIEB) [examined].

Ypthima watsoni peninsulæ : Eliot, 1988, in Pinratana: 35, 54, pl. 35, fig. 98b ♂ UN. Yala.

Ypthima watsoni peninsulæ : Uémura, 1998: 3, figs. 4(♂ genitalia), 7(♂ genitalia). Nam Tok Than Tho, near Yala; Krabi.

Ypthima watsoni peninsulæ : Ek-Amnuay, 2006: 304, pl. 124, ♂, ♂ UN, ♀, ♀ UN. Yala; Krabi.

Ypthima watsoni peninsulæ : Ek-Amnuay, 2012: 304, pl. 124, ♂, ♂ UN, ♀, ♀ UN. Yala; Krabi.

Ypthima watsoni peninsulæ : Kimura et al., 2016: 202, figs. ♂ (Than To WF, UP & UN), ♂ (Than To WF, UP & UN), ♀ (Than To WF, UP & UN), 257 (synonymic list).

所検標本. 3 ♂♂, 1 ♀ .

前翅長 : ♂, 18–20 mm; ♀, 20 mm.

地理的分布. タイ半島部.

分布記録. タイ Thailand: Nam Tok Than Tho, near Yala; Krabi.

Ypthima watsoni inouei Shirôzu & Shima, 1977

Ypthima inouei Shirôzu & Shima, 1977: 507–509, text-figs. 1E(Holotype ♂, UP), 1F(Holotype ♂, UN), 1H(androconia), 6(♂ genitalia). Holotype ♂, Tran Bom, Vietnam (KUCGE).

Ypthima watsoni inouei : Uémura, 1998: 3, figs. 1h(androconia), 5(♂ genitalia). Trang Bom, South Vietnam.

Ypthima watsoni inouei : Monastyrskii & Devyatkin, 2003: 20. S. [Vietnam].

Ypthima watsoni inouei : Uémura & Monastyrskii, 2004: 36, 40, figs. 2hh(androconia), 7.7(♂, UP & UN), 7.8(♀, UP & UN), 10(distribution map). Station de Song Mai (60km), Trang Bom, Dong Nai Province, S. Vietnam; Lo Go Sa Mat Nature Reserve, Tay Ninh Province, S. Vietnam.

所検標本. 8 ♂♂, 3 ♀♀ .

前翅長 : ♂, 18–21 mm; ♀, 20–21 mm.

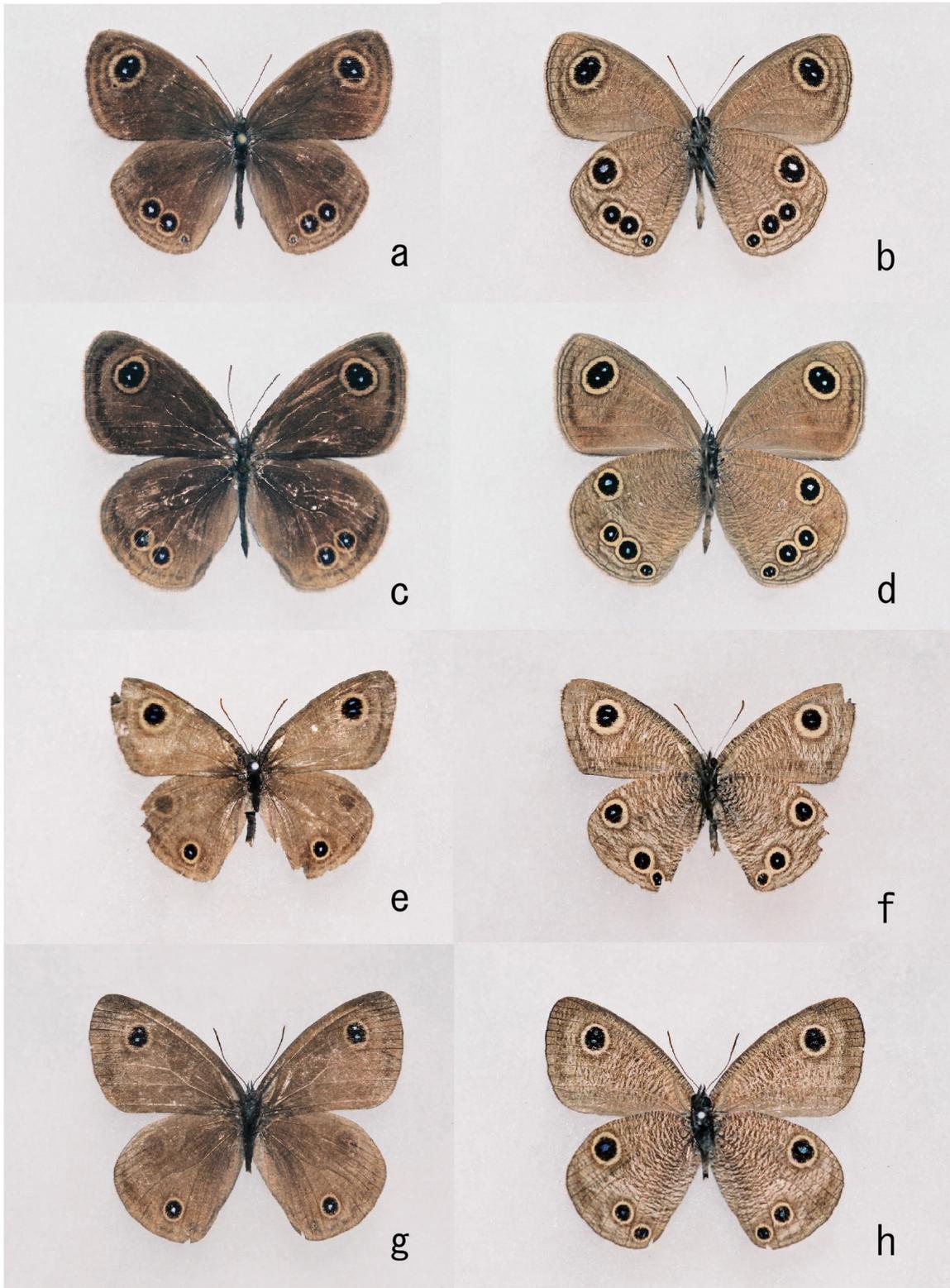
地理的分布. ベトナム南部.

分布記録. ベトナム Vietnam: Trang Bom, Dong Nai Province; Lo Go Sa Mat Nature Reserve, Tay Ninh Province.

Ypthima fusca Elwes & Edwards, 1893

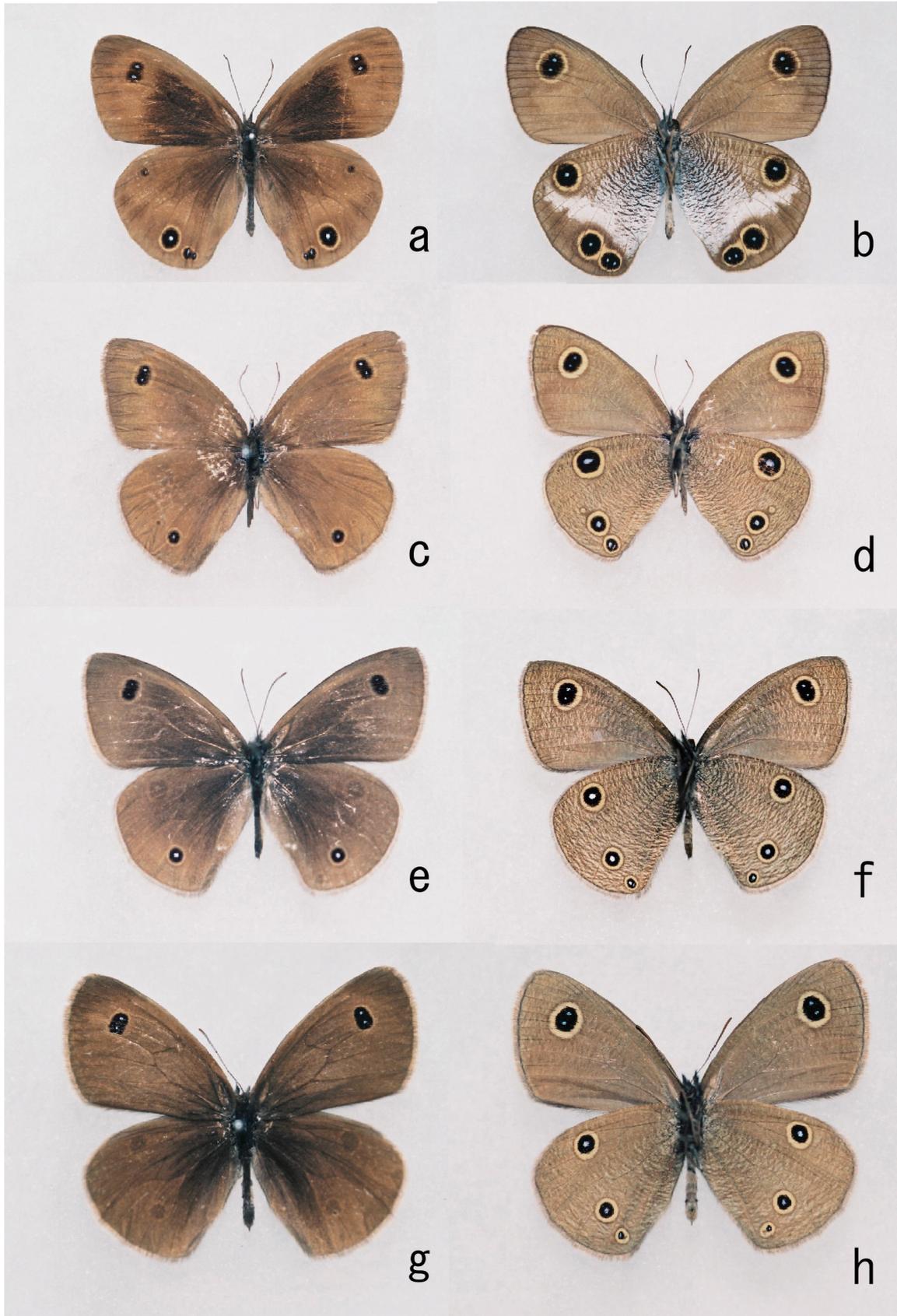
Ypthima fusca Elwes & Edwards, 1893: 21, pl. 2, fig. 41 (♂ genitalia). Holotype ♂, Margharita, Upper Assam (BMNH, B.M. Type No. Rh. 7693) [examined].

Ypthima fusca : Cantlie & Norman, 1959: 68–69, text-fig. 5 (♂ genitalia). Sibsagar District, Assam.



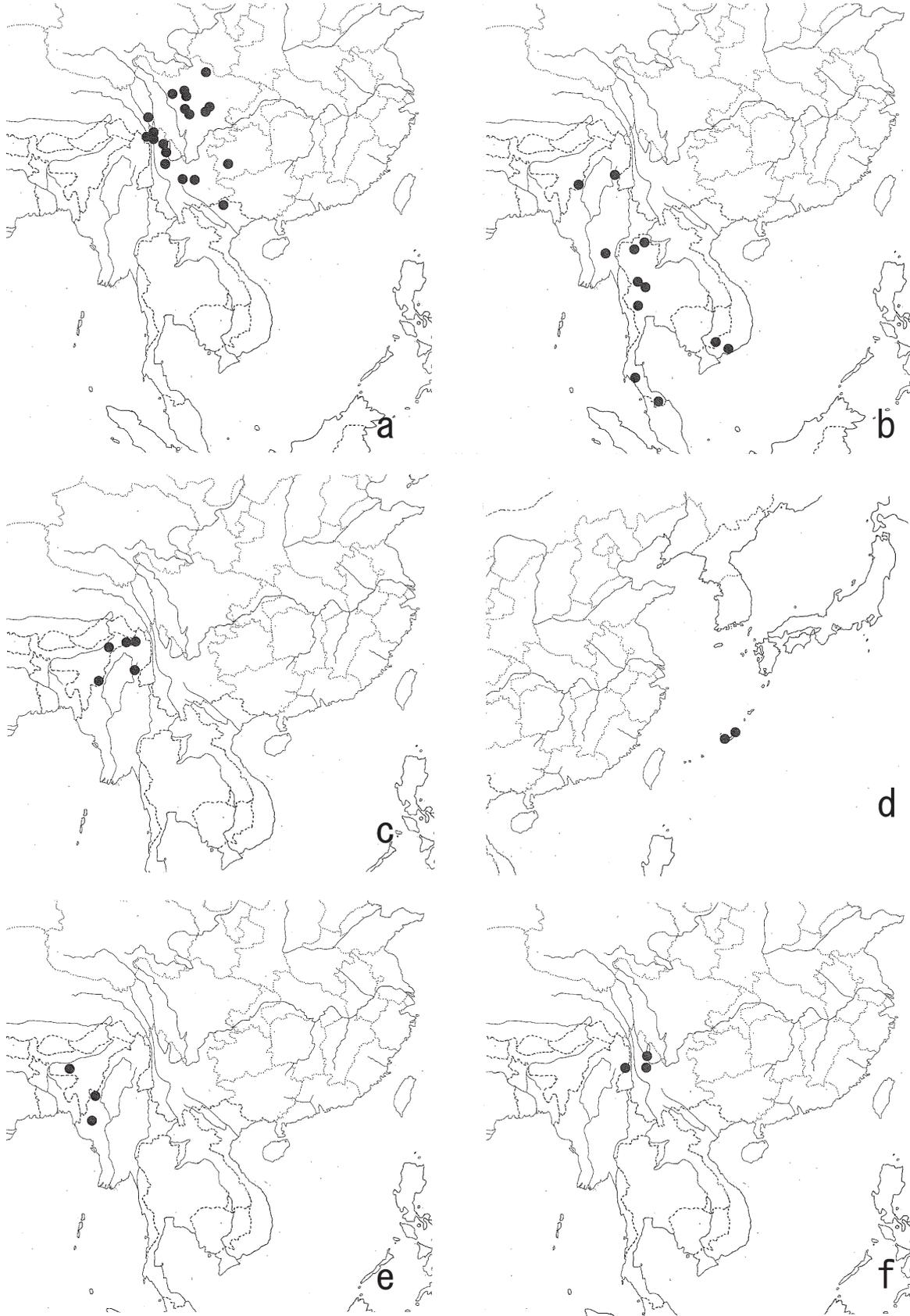
第5図. *Ypthima motschulskyi*-group 各種.

a, *ciris ciris* ♂ 表面, Xiao Jin, Sichuan; b, 同裏面; c, *ciris clinioides* ♂ 表面, Hutiao Xia, Yunnan; d, 同裏面; e, *watsoni watsoni* ♂ 表面, Myitkyina, Myanmar; f, 同裏面; g, *fusca* ♂ 表面, Putao, Myanmar; h, 同裏面.



第6図. *Ypthima motschulskyi*-group 各種.

a, *riukiwana* ♂ 表面, Okinawa Hontô Is.; b, 同裏面; c, *lycus lycus* ♂ 表面, Khasi Hills, Assam; d, 同裏面; e, *lycus lycoides* ♂ 表面, Mindat, Chin Hills, Myanmar; f, 同裏面; g, *phania* ♂ 表面, Dali, Yunnan; h, 同裏面.



第7図. *Ypthima motschulskyi*-group 各種の分布図.
a, *ciris*; b, *watsoni*; c, *fusca*; d, *riukuana*; e, *lycus*; f, *phania*.

Ypthima fusca : Uémura, 1998: 1–2, figs. 1a-c(androconia), 2(♂ genitalia), 10♂ (UP), 11♂ (UN), 12♀ (UP), 13♀ (UN). Naga Hills Plains, Assam; Sibong, Moreh, Assam; Myitkyina, Myanmar.

Ypthima fusca : Shizuya et al., 2005: 40, figs. ♂ (UP & UN). Army Base, Putao.

所検標本. 7♂♂, 1♀♀.

前翅長: ♂, 19–20 mm; ♀, 22 mm.

地理的分布. インド東北部, ミャンマー.

分布記録. インドN.E. India: Sebong, Manipur; Margherita, Upper Assam; Sibsagar District, Assam (Cantlie & Norman, 1959). ミャンマー Myanmar: Myitkyina; Putao.

Ypthima riukuiana Matsumura, 1906

Ypthima riukuiana Matsumura, 1906: 11–12, pl. 1, fig. 2♀ (UP & UN). Holotype ♀, Okinawa. (HUFAE) [examined].

Ypthima riukuiana : Ito, 1947: 272–274, figs. 1♂ (UP), 3♂ (UN). Okinawa Hontô. Redescription.

Ypthima riukuiana : Shirôzu, 1965: 203–204, pl. 55, figs. 4a♂ (UP, Okinawa Is.), 4b♂ (UN, Okinawa Is.), 4c♀ (UN, Okinawa Is.). Okinawa Hontô Is., Tokashiki Is., Zamami Is.

Ypthima riukuiana : Shirôzu & Shima, 1979: 272, pl. 37, fig. 39 (♂ genitalia), pl. 49, fig. 71 (♀ genitalia), pl. 52, fig. 25 (androconia), pl. 67, figs. 119♂ (UP), 120♂ (UN), pl. 68, figs. 121♀ (UP), 122♀ (UN). Okinawa Is. Phylogeny.

Ypthima riukuiana : Uémura, 1984: 136. Type-Material.

所検標本. 91♂♂, 31♀♀.

前翅長: ♂, 23–25 mm (1st brood), 20–22 mm (2nd brood); ♀, 24–26 mm (1st brood), 21–23 mm (2nd brood).

地理的分布. 沖縄諸島.

分布記録. 沖縄本島 Okinawa Hontô Is. 慶良間列島 Kerama Is.

Ypthima lycus de Nicéville, 1889

Ypthima lycus lycus de Nicéville, 1889

Ypthima motschulskii : Marshall & de Nicéville, 1883: 214–215. Shillong, Khasi Hills.

Ypthima lycus de Nicéville, 1889: 165, pl. A, fig. 2♂ (UP & UN). Syntypes ♂♀, Shillong, Khasi hills [untraced].

Pandima lycus : Moore, [1893]: 88–89, pl. 113, fig. 3♂ (UN). Khasia Hills.

Ypthima lycus : Elwes & Edwards, 1893: 19–20, pl. 2, fig. 39 (♂ genitalia). Khasi Hills.

Ypthima lycus lycus : Evans, 1932: 120. Assam.

Ypthima lycus lucus : Talbot, 1947: 320–321. Assam.

Ypthima lycus : Cantlie & Norman, 1959: 71, fig. 12(♂ genitalia). Shillong.

所検標本. 2♂♂.

前翅長: ♂, 19–20 mm.

地理的分布. インド東北部.

分布記録. インドN.E. India: Shillong.

備考: Moore, [1893] が本種の産地として挙げている Manipur, Balah, Silcuri, Sibsagar からの記録は *Ypthima confusa* の誤同定と思われる. 真の *Ypthima lycus* は現在までの知見では Khasi Hills のみから知られる.

Ypthima lycus lycoides Watson, 1897

Ypthima lycoides Watson, 1897: 648–649. Syntypes 9♂♂, 1♀, North Chin Hills, 3500–5500 feet, v.1893 [untraced].

Ypthima lycus lycoides : Evans, 1932: 120. N. Burma.

Ypthima lycus lycoides : Talbot, 1947: 321. Northern Burma.

所検標本. 9♂♂, 4♀♀.

前翅長: ♂, 18–19 mm; ♀, 18–19 mm.

地理的分布. ミャンマー・チン州.

分布記録. ミャンマー Myanmar: Taingin, Tiddim, Chin; Old English Road to Tiddim, Tiddim, Chin; Kampelet, Mindat, Chin; Mindat-Matupi Road, Mindat, Chin; Mindat, Chin.

Ypthima phania (Oberthür, 1891)

Epinephele phania Oberthür, 1891: 17, pl. 2, fig. 17[♂] (UP & UN). Syntype(s) ♂♀, Yunnan [untraced].

Ypthima phania : Forster, 1948: 492, pl. 32, figs. 13♂ (UP), 14♀ (UP), pl. 33, figs. 13♂ (UN), 14♀ (UN). Likiang, N. Yunnan.

Ypthima phania : Shirôzu & Shima, 1979: 272–273, pl. 69, figs. 131♂ (UP), 132♂ (UN). Likiang, Yunnan.

Ypthima phania : Aoyama, 1998: 161, fig. 4, 324. Lijiang, Yunnan.

所検標本. 11♂♂, 4♀♀.

前翅長: ♂, 20–22 mm; ♀, 21–22 mm.

地理的分布. 中国雲南省, ミャンマー・カチン州.

分布記録. 中国雲南省 Yunnan: 大理 Dali (Tali); 麗江 Lijiang (Likiang). ミャンマー Myanmar: Panwa, Kachin (new record).

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