Taxonomic and faunistic studies on the genus *Harutaeographa* (Lepidoptera, Noctuidae, Orthosiini) with description of a new species

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Abstract

Description of a new *Harutaeographa* Yoshimoto, 1993 species, *Harutaeographa shui* sp. n. from China’s Sichuan province, is given. *Harutaeographa yangzisherpani transformis* Hreblay & Ronkay, 1999 is combined as a synonym of *Harutaeographa yangzisherpani yangzisherpani* Hreblay & Ronkay, 1999. Additional distributional data for *Harutaeographa pallida* Yoshimoto, 1993, and *Harutaeographa cinerea* Hreblay & Ronkay, 1998 are provided. A checklist of the genus *Harutaeographa* and a key to the *Harutaeographa fasciculata* (Hampson, 1894) species-group, based on external characters and genitalia, are presented.

Keywords

Orthosiini, new species, *Harutaeographa*, distribution
Introduction

This paper contributes additional taxonomic, genitalic and faunistic information on the taxonomy of the genus *Harutaeographa* Yoshimoto, 1993 to what was previously provided in Chen (1999), Hacker and Ronkay (1996), Hampson (1894, 1906), Hreblay and Ronkay (1998, 1999), Hreblay et al. (1998), Kononenko et al. (1998), Ronkay and Ronkay (2000), Ronkay et al. (2001, 2010), and Yoshimoto (1993, 1994). The genus *Harutaeographa* is typical of the tribe *Orthosiini* within the Himalayan Noctuidae and contains 37 species and 3 subspecies distributed mostly in the Southeast Asian and Himalayan regions. Except for a few Western-Himalayan and Central-Asian species inhabiting semiarid areas, most members of this genus are associated with the Himalayan monsoonic forest belt. Flight periods generally extend through March and April, but some Southern-Himalayan species are on the wing during the colder November to February period.

Materials and methods

The specimens of *Harutaeographa* preserved in the collections of Alessandro Floriani (Milan, Italy), Balázs Benedek (Törökbálint, Hungary), Gottfried Behounek (Grafing, Germany)/Zoologische Staatssammlung, Munich (Germany), Danny Nilsson (Kalvehave, Denmark) and Nature Research Centre (Vilnius, Lithuania) were examined. The specimens examined were collected in China and Nepal using ultraviolet light traps and occasionally sugar ropes. Seventeen genital slides were prepared and 27 photographs were made. Examination of morphology: after maceration, male and female genitalia were dissected and mounted in euparal on glass sides. Dissection of genitalia follows Lafontaine (2004). Photographs of genitalia were made using a Wild M3Z microscope and Canon EOS 350D camera.

Abbreviations of the material depositories:

| Abbreviation | Institution                        |
|--------------|------------------------------------|
| AFM          | Alessandro Floriani (Milan, Italy); |
| BBT          | Balázs Benedek (Törökbálint, Hungary); |
| BMNH         | Natural History Museum, London (United Kingdom); |
| DNK          | Danny Nilsson (Kalvehave, Denmark); |
| HNHM         | Hungarian Natural History Museum, Budapest (Hungary); |
| MNHU         | Museum für Naturkunde Leibniz Institute for Research on Evolution and Biodiversity, Berlin (Germany); |
| NHM          | Naturhistorisches Museum Wien (Austria); |
| NRCV         | Nature Research Centre (Vilnius, Lithuania); |
| NSMT         | National Science Museum Tokyo (Japan); |
| ZFMK         | Zoological Forschungsinstitut und Museum Alexander Koenig, Bonn (Germany); |
| ZMH          | Zoological Museum of Helsinki (Finland); |
| ZSM          | Zoologische Staatssammlung, Munich (Germany). |
Systematic accounts

Key to *Harutaeographa* species related to *Harutaeographa fasciculata* based on external characters

1. Forewings dark brown with black pattern or patches of dark scales ............... 2
   Forewings light brown, orbicular stigma whitish (Figs 10, 11) ..................

2. wingspan of forewings 37–42 mm, forewings narrow, cilia golden yellow
   (Figs 6, 7) ......................................................................................... *H. shui* (China: Sichuan)
   Wingspan of forewings 42–48 mm, forewings wide, cilia dark brown (Figs 8, 9) ........ *H. odavissa* (China: Shaanxi, Hubei, Sichuan)

Key to *Harutaeographa* species related to *Harutaeographa fasciculata* based on genital characters

1. Valva at apex widening, clasper curved, ductus bursae straight .................. 2
   Valva not widening at apex, clasper almost straight, ductus bursae curved at
   base (Figs 17, 23) .................................................................................. *H. fasciculata*

2. Uncus short, apical part of cucullus a boot-shaped plate with short blunt
   apex, ampulla long, curved at apex, almost perpendicular to costa, both ante-
   rior and posterior parts of corpus bursae almost equal in size (Figs 15, 21).
   Uncus 1/3 longer than in *H. shui*, apical part of cucullus boot-shaped with
   short acute apex, ampulla slightly curved at apex, posterior part of corpus
   bursae longer and narrower than anterior part (Figs 16, 22) ........ *H. odavissa*

*Harutaeographa shui* Benedek & Saldaitis, sp. n.

urn:lsid:zoobank.org:act:C3F72129-2643-4234-84F6-ABEA933B13A8
http://species-id.net/wiki/Harutaeographa_shui

Figs 6, 7, 15, 21

Type material. Holotype: male (Fig. 6), China, Sichuan, 29°43.105’N, 02°36.195’E, near
Siping, 1600 m, 27.iii.2011, Floriani leg., in the collection of ZSM; (slide No. JB1792m).

Paratypes: 3 males, with the same data as the holotype, 1 male, from the same
locality, but 02.iv.2011, 1 female (Fig. 7), China, W. Sichuan, road Menghugang/
Kangding, 29°49.955’N, 102°02.827’E, 1500 m, 19.iv.2010, leg. Chen Gun, in the
AFM, BBT, and ZSM collections. Slide No. JB1793f.

Etymology. The specific name refers to the Shu Kingdom, which is now Chengdu,
the capital of China’s Sichuan province.

Diagnosis. *Harutaeographa shui* in general appearance is similar to *H. fasciculata*
(Hampson, 1894) (Figs 10, 11), but is smaller and has more oblong forewings. Despite
this superficial resemblance to *H. fasciculata*, based on genital morphology the new species is more closely related to *Harutaeographa odavissa* Ronkay, Ronkay, Gyulai & Hacker, 2010 (Figs 8, 9). These species are easily distinguishable externally by forewing shape, coloration and pattern. The male genitalia differ from those of *H. odavissa* (Fig. 16) by its shorter uncus, smaller tegumen, remarkably broader and apically more elongate cucullus, and the configuration of the clasper-ampulla complex. The structure of aedeagus and vesica are similar to those of *H. odavissa* (Fig. 16), but *H. shui* (Fig. 15) has a slightly more curved aedeagus, differently configured vesica, and longer subterminal cornuti field. The female genitalia of the new species differ from those of *H. odavissa* (Fig. 22) in having a shorter ovipositor, shorter apophyses, and shorter and weaker ductus bursae.

**Description.** Wingspan 37–42 mm, length of forewing 17–20 mm. Head, front and thorax chocolate brown with some copper shine; male antenna bipectinate, female antenna narrow ciliate; forewings richly decorated with dark coppery-brown patterns distinctly marked with black scales, outer margin and cilia lighter golden yellow; hindwings with intensive dark suffusion, especially wide on outer margin, discal spot, and well-marked postmedial fascia; cilia with copper shine. **Male genitalia** (Fig. 15): uncus short, evenly broad; tegumen small and low; vinculum strong, narrow, V-shaped; valva finely arcuate; cucullus broad with apex elongate; sacculus weak, less sclerotized; clasper and ampulla robust outside and turned at middle; aedeagus rather long, gently arcuate; vesica with two subbasal coils and a small rasp-plate at base near carina, two small bunches of stronger cornuti in subbasal coils, and a long brush-like cornuti field on arcuate subterminal area. **Female genitalia** (Fig. 21): ostium nearly evenly truncated; ductus bursae narrow, somewhat wider and less sclerotized posteriorly; appendix bursae relatively small and rounded, weakly sclerotized; corpus bursae elongated, mesially constricted, with anterior and posterior parts subequal.

**Bionomcs and distribution.** The new species is known only from Siping and Kangding areas of Sichuan Province (China), on the eastern edge of Tibetan plateau, where a few specimens were collected at the end of March – beginning of April at altitudes ranging from 1500 to 1600 m. It was attracted to light during cold (2–4 °C) nights in small river valleys. The habitat is mountain virgin mixed forest dominated by various broad-leaved trees, rhododendrons and bamboos (Fig. 27).

*Harutaeographa monimalis* (Draudt, 1950)
http://species-id.net/wiki/Harutaeographa_monimalis
Figs 4, 5, 18, 24

**Material examined.** 1 male, 1 female, China, W. Yunnan, Baiyunshan, 2600 m, Yunlong county, end of ii - early iii.2008, leg. Yi et al, in the collection of DNK; slide Nos JB1851m (Fig. 18); JB1852f.

**Diagnosis. Male genitalia.** Uncus small, elongated; tegumen short; juxta long, tongue-shaped, more or less quadrangular; vinculum short and heavily sclerotised,
Figures 1–5. *Harutaeographa* ssp. adults. 1 *H. cinerea*, male, West-Nepal, Bheri (BBT) 2 *H. cinerea*, female, West-Nepal, Bheri (BBT) 3 *H. yangzisherpani yangzisherpani*, male, Nepal, Janakpur (BBT) 4 *H. monimalis*, male, China, W. Yunnan (DNK) 5 *H. monimalis*, female, China, W. Yunnan (DNK)
Figures 6–13. *Harutaeographa* ssp. adults. 6 *H. shui*, male, holotype, China, Sichuan (GBG/ZSM) 7 *H. shui*, female, paratype, China, Sichuan (AFM) 8 *H. odavissa*, male, paratype, China, Sichuan (BBT) 9 *H. odavissa*, female, China, Sichuan (BBT) 10 *H. fasciculata*, male, Nepal, Koshi (BBT) 11 *H. fasciculata*, female, Nepal, Koshi (BBT) 12 *H. pallida*, male, China, W. Yunnan (DNK) 13 *H. pallida*, male, West-Nepal, Bheri (BBT)
U-shaped; sacculus broad, with more or less parallel margins. Clasper relatively large, thumb-like, with elongated and heavily sclerotised base; clasper fused with relatively small and evenly curved ampulla. Valvae more or less symmetrical, broad, armed with strong, finger-shaped ventral process and large, broad digitus; cucullus broad and strong, more or less rhomboidal in shape. Aedeagus relatively long, straight and broad; vesica evenly helicoid in shape, everted ventrally, covered with a row of fine spiculi from basal part of vesica along to terminal segment where it merges into a stouter cluster of longer spines forming a brush-like structure. **Female genitalia** (Fig. 24): Ostium bursae wide, rounded; ductus relatively short; appendix bursae helicoid with three coils; corpus bursae constricted mesially with both anterior and posterior sections broadly elliptical.

**Note.** This is the first new report of this species known previously only by its holotype specimen collected by Dr. H. Höne in 1935 (coll. ZFMK, Bonn).

**Harutaeographa yangzisherpani transformis** Hreblay & Ronkay, 1999, *syn. nov.*

http://species-id.net/wiki/Harutaeographa_yangzisherpani_transformis

Figs 3, 19

**Material examined.** 2 males, Nepal, Janakpur, Dolakha area, Thulopatal district, Salle village, 2250–2400 m, 25°35.998’N, 86°09.775’E 5–8.i.2011, leg. Balázs Benedek, in the collection of BBT; slide No. JB1807m (Fig. 19).

**Note.** The genitalia of *H. yangzisherpani yangzisherpani* Hreblay & Ronkay, 1999 from Nepal exactly match those of *Harutaeographa yangzisherpani transformis* Hreblay & Ronkay from N. Vietnam pictured in Esperiana, 1999. The very slight genital differences between *H. yangzisherpani yangzisherpani* Hreblay & Ronkay, 1999 and *H. yangzisherpani transformis* Hreblay & Ronkay, 1999, suggest that they representing the same taxon and it is not reasonable to separate them as subspecies. Thus, *H. yangzisherpani transformis* Hreblay & Ronkay, 1999 is combined here as a synonym of *H. yangzisherpani yangzisherpani* Hreblay & Ronkay, 1999. It is first report of this species from Nepal.

**Harutaeographa pallida** Yoshimoto, 1993

http://species-id.net/wiki/Harutaeographa_pallida

Figs 12, 13, 20, 25

**Material examined.** 1 female, West-Nepal, Bheri, Dailekh area, 11 km N of Dailekh, 2380 m, 24–25.i.2011, 1 male, West-Nepal, Bheri, Dailekh area, 11 km N of Dailekh, 2380 m, 30–31.i.2011, 2 males, Nepal, Janakpur, Dolakha area, Thulopatal district, Salle village, 2250–2400 m, 5–8.i.2011, leg. Balázs Benedek, 3 males, 1 female, China, W. Yunnan, Baiyunshan, 2600 m, Yunlong county, end of ii - early iii.2008, leg. Yi et al, in the collections of BBT and DNA; slide Nos JB1849m, JB1850f, (Figs 20, 25).

**Notes.** These specimens, which are paler in colour than those from Nepal, are the first to be reported from China.
Figures 14–18. *Harutaeographa* ssp. male genitalia. 14 *H. cinerea*, male, prep. BJ1933m 15 *H. shui*, male, holotype, prep. BJ1792m 16 *H. odavissa*, male, paratype, prep. BJ1820m 17 *H. fasciculata*, male, prep. BJ1955m 18 *H. monimalis*, male, prep. BJ1851m
Figures 19–26. Harutaeographa ssp. male and female genitalia. 19. H. yangzisherpani yangzisherpani, male, prep. BJ1807m. 20. H. pallida, male, prep. BJ1849m. 21. H. shui, female, paratype, prep. BJ1821. 22. H. fasciculata, female, prep. BJ1850. 23. H. monimalis, female, prep. BJ1923. 24. H. pallida, female, prep. BJ1852f. 25. H. pallida, female, prep. BJ1850f. 26. H. cinerea, female, prep. BJ1934f.
Harutaeographa cinerea Hreblay & Ronkay, 1998
http://species-id.net/wiki/Harutaeographa_cinerea
Figs 1, 2, 14, 26

Material examined. long series of both sexes from the following localities: West-Nepal, Bheri, Dailekh area, 11 km N of Dailekh, 2380 m, 24–25.i.2011, West-Nepal, Bheri, Dailekh area, 13 km N of Dailekh, 2425 m, 26–27.i.2011, West-Nepal, Bheri, Dailekh area, 12 km N of Dailekh, 2600 m, 29.i.2011, West-Nepal, Bheri, Dailekh area, 11 km N of Dailekh, 2380 m, 30–31.i.2011, Nepal, Janakpur, Dolakha area, Thulopatal district, Salle village, 2250–2400 m, 5-8.ii.2011, leg. Balázs Benedek, in the collection of BBT.

Note. Little information has been available for this species due to insufficient collecting during its very early flight period (Hreblay and Ronkay 1998; Hreblay and Ronkay 1999). At the end of January–beginning of February in 2011 H. cinerea was one of the most frequently encountered noctuid species at light and sugar ropes at elevations between 2300–2600 m and is presumably widespread in Nepal.
Checklist of the genus *Harutaeographa*

*Harutaeographa adusta* Hreblay & Ronkay, 1999

Holotype: coll. M. Hreblay, HNHM. Type locality: Thailand, Changwat Chiang Mai, Mt. Doi Inthanon. Distribution: Indochina, Thailand.

*Harutaeographa akos* Hreblay, 1996 [1997]

Holotype: ZMH. Type locality: Tadjikistan, Gissar-Gebirge, Romit. Distribution: Tadjikistan (Gissar Mts.).

*Harutaeographa babai* Sugi & Sakurai, 1994

Holotype: NSMT. Type locality: Nepal, Dhaulagiri, Jomsom. Distribution: Nepal; Himalaya.

*Harutaeographa bidui bidui* Hreblay & Plante, 1996 [1997]

Holotype: coll. M. Hreblay, HNHM. Type locality: N.Pakistan, 5 km S Rattu. Distribution: Himalaya: N. Pakistan (Karakorum, Prov. Gilgit & Baltistan, Rattu, Prov. Jammu & Kashmir, Deosai Mts.).

*Harutaeographa bidui kaghanensis* Hreblay & Ronkay, 1999

Holotype: coll. Hreblay, HNHM. Type locality: Pakistan, Prov. NW-Frontier, Kaghan valley, Khanian. Distribution: Pakistan (Prov. NW-Frontier, Kaghan valley, Khanian).

*Harutaeographa bicolorata* Hreblay & Ronkay, 1998

Holotype: coll. Hreblay, HNHM. Type locality: Nepal, Ganesh Himal, 1 km E Gadang. Distribution: Himalaya: Nepal (Ganesh Himal).

*Harutaeographa brahma* Hreblay & Ronkay, 1998

Holotype: coll. Hreblay, HNHM. Type locality: Nepal, Ganesh Himal, 2 km W Thangjet. Distribution: Himalaya: Nepal (Ganesh Himal).
Harutaeographa brumosa Yoshimoto, 1994

Holotype: NSMT. Type locality: Nepal, Janakpur, Jiri. Distribution: Himalaya: Nepal (Janakpur, Jiri, Terhathum distr.).

Harutaeographa caerulea caerulea Yoshimoto, 1993

Holotype: NSMT. Type locality: Nepal, Mt. Phulchouki. Distribution: Himalaya: Nepal (Katmandu Valley, Godavari).

Harutaeographa caerulea rubrigrapha Hreblay & Ronkay, 1999

Holotype: coll. Hreblay, HNHM. Type locality: Thailand, Changwat Chang Mai, Mt. Doi Phahompok, 18 km NW Fang. Distribution: Indochina: Thailand (Chiang Mai).

Harutaeographa castanea Yoshimoto, 1993

Holotype: NSMT. Type locality: Nepal, Godavari. Distribution: Himalaya: Nepal (Kathmandu Valley, Godavari).

Harutaeographa castaneipennis (Hampson, 1894)

Holotype: BMNH. Type locality: India, Kashmir, Narkundah. Distribution: Himalaya: N. India (Prov. Jammu & Kashmir).

Harutaeographa cinerea Hreblay & Ronkay, 1998

Holotype: coll. G. Ronkay. Type locality: Nepal, Ganesh Himal, near Slya. Distribution: Nepal (Ganesh Himal, Slya).

Harutaeographa craspedophora (Boursin, 1969)

Holotype: coll. Vartian, NHM. Type locality: Afghanistan, Paghman-Gebirge, 20 km NW Kabul. Distribution: Afghanistan (Paghman Mts.).

Harutaeographa diffusa Yoshimoto, 1994

Holotype: NSMT. Type locality: Nepal, Janakpur, Jiri. Distribution: Himalaya: Pakistan; Nepal.

Harutaeographa elphinia Hreblay & Ronkay, 1999

Holotype: HNHM. Type locality: Vietnam, Prov. Lao Cai, Mt. Fan-si-Pan, 7 km SW Sa Pa. Distribution: Indochina, Vietnam (Prov. Lao Cai, Tonkin).
Harutaeographa eriza (Swinhoe, 1901)
Holotype: BMNH. Type locality: W. India, Punjab, Himachal Pradesh, Kulu. Distribution: Himalaya; Pakistan; India (Prov. Punjab).

Harutaeographa fasciculata (Hampson, 1894)
= H. fusciculata nec Hampson, 1894
Holotype: BMNH. Type locality: Sikkim (India). Distribution: Himalaya: Sikkim, N. India; Nepal; North Vietnam (Fansipan Mts).

Harutaeographa ferrosticta (Hampson, 1894)
Holotype: BMNH. Type locality: Kashmir, Narkundah. Distribution: Himalaya: Pakistan; N. India (Prov. Jammu & Kashmir).

Harutaeographa ganeshi Hreblay & Ronkay, 1998
Holotype: coll. G. Ronkay. Type locality: Nepal, Ganesh Himal, 2 km W Gholjong. Distribution: Himalaya: Nepal (Ganesh Himal, Gholjong).

Harutaeographa izabella Hreblay & Ronkay, 1998
Holotype: coll. Hreblay, HNHM. Type locality: Nepal, Annapurna Himal, 1 km E Ghorepani. Distribution: Nepal.

Harutaeographa koska Hreblay, 1996 [1997]
Holotype: BMNH. Type locality: N. India, Muktesar, Naini-Tal. Distribution: Himalaya: Pakistan; N. India; Nepal.

Harutaeographa loeffleri Ronkay, Ronkay, Gyulai & Hacker, 2010
Holotype: coll. P. Gyulai, HNHM. Type locality: Burma, Chun state, Mindat camp. Distribution: Myanmar (Chun state, Mindat camp, Chun state, Natmataung Nationalpark, Mt. Victoria).

Harutaeographa maria Hreblay & Ronkay, 1999
Holotype: coll. Hreblay, HNHM. Type locality: Pakistan, Prov. Jammu & Kashmir, Naltar valley, 5 km E Naltar. Distribution: Himalaya: Pakistan (Prov Jammu & Kashmir, Karakorum).
Harutaeographa marpha Hreblay & Ronkay, 1999

Holotype: coll. Hreblay, HNHM. Type locality: Nepal, Dhaulagiri Himal, 6 km NW Marpha. Distribution: Nepal; Himalaya.

Harutaeographa monimalis (Draudt, 1950)

Holotype: ZFMK. Type locality: China, Yunnan. Distribution: China (Prov. Yunnan).

Harutaeographa odavissa Ronkay, Ronkay, Gyulai & Hacker, 2010

Holotype: HNHM. Type locality: China, Shaanxi, Taibaishan. Distribution: China (Prov. Shaanxi, Taibaishan, Tsinling Mts., Prov. Hubei, Daba Shan, Prov. Sichuan, Daxue Shan, Gongga Shan, Volong Reserve, Siguliang Shan, Qingcheng Shan).

Harutaeographa orias orias Hreblay, 1996 [1997]

Holotype: BMNH. Type locality: Prov. W. Bengal, Darjeeling. Distribution: Himalaya: N. India (Prov. Sikkim, Prov. W. Bengal, Darjeeling).

Harutaeographa orias yoshimotoi Hacker & Hreblay, 1996 [1997]

Holotype: coll. Hacker, ZSM. Type locality: N. India, Himachal Prad., Rohtang. Distribution: Pakistan (Prov. Kashmir), Himalaya: N. India (Himachal Pradesh, Rohtang Pass, Prov. Sikkim); Nepal; Indochina; Thailand (Prov. Chiang Mai, Doi Phahompok).

Harutaeographa pallida Yoshimoto, 1993

Holotype: HNSMT, Tokyo (Japan). Type locality: Nepal, Godavari. Distribution: Himalaya: N. India (Prov. Sikkim); Nepal (Katmandu Valley, Godavari, Solu Khumbu Himal, Ganesh Himal); China (Prov. Yunnan).

Harutaeographa pinkisherpani Hreblay & Ronkay, 1998

Holotype: coll. G. Ronkay. Type locality: Nepal, Ganesh Himal, 2 km SW Haku. Distribution: Himalaya: Nepal (Ganesh Himal, Haku).

Harutaeographa rama Hreblay & Plante, 1996 [1997]

Holotype: coll. Hreblay, HNHM. Type locality: N. Pakistan, 10 km SW Astor, Rama. Distribution: Himalaya: Pakistan (Jammu & Kashmir).
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Harutaeographa rubida (Hampson, 1894)
= H. bipuncta Yoshimoto, 1993

Holotype: BMNH. Type locality: Sikkim. Distribution: Himalaya: Nepal; N.India (Sikkim).

Harutaeographa saba Hreblay & Plante, 1996 [1997]

Holotype: coll. M. Hreblay, HNHM. Type locality: N.Pakistan, 10 km SW Astor, Rama. Distribution: Pakistan; Afghanistan.

Harutaeographa seibaldi Ronkay, Ronkay, Gyulai & Hacker, 2010

Holotype: coll. H. Seibald, Wien (Austria). Type locality: Burma, Chun state, Mindat camp. Distribution: Myanmar (Chun state, Mindat camp, Chun state, Natmataung Nationalpark, Mt. Victoria).

Harutaeographa shui Benedek & Saldaitis, 2012

Holotype: ZSM. Type locality: China, Sichuan, 29°43.105’N, 102°36.195’E, near Siping. Distribution: China (Sichuan).

Harutaeographa siva Hreblay, 1996 [1997]

Holotype: BMNH. Type locality: N. India, Simla. Distribution: Himalaya: N. India.

Harutaeographa stangelmaieri Ronkay, Ronkay, Gyulai & Hacker, 2010

Holotype: coll. Becher/Stumpf (Germany). Type locality: China, Prov. Yunnan, Daxue Shan Mts. Distribution: China (Prov. Yunnan, Daxue Shan Mts).

Harutaeographa stenoptera (Staudinger, 1892)

Holotype: MNHU. Type locality: Ussuri, Amur. Distribution: Russia: (SE Siberia, Amur, Ussuri, Primorje); Korea; China (Shaanxi).

Harutaeographa yangzisherpani yangzisherpani Hreblay & Ronkay, 1999
= H. yangzisherpani transformis Hreblay & Ronkay, 1999

Holotype: coll. Hreblay, HNHM. Type locality: Thailand, Changwat Chiang Mai, Mts. Doi Inthanon. Distribution: Thailand, Vietnam; Nepal.
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