



An updated Checklist of subfamily Nolinae (Lepidoptera, Nolidae) from India

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Abstract

An updated checklist of 91 species under 21 genera of the subfamily Nolinae has been compiled. The detailed information about distribution within India as well as in other countries, first reference, latest reference, type locality, type depository, synonymy has been provided for each species. Clarifications regarding type locality, type material and distributional limits within India are also given.

Keywords: Checklist, India, Lepidoptera, Nolidae, Nolinae

Introduction

The most recent classification based on molecular biological studies by Zahiri *et al.*, (2013) treats Nolinae as subfamily of family Nolidae. Earlier, most of the times, the group was either treated as subfamily of Arctiidae or Noctuidae (Hampson 1900; Gardener 1941-1948; Holloway and Miller 1995; Poole 1989). Moths of subfamily Nolinae (Lepidoptera: Nolidae) are mostly small sized, with forewings variegated by black, grey and white, often with areas of raised scales; male antennae may be filiform, ciliate or bipectinate; ocelli are poorly developed or absent; male abdomen lacks tymbal organs but usually has apodemes on the eighth tergite (Holloway 2003). Exhaustive work on this group after Hampson (1900) has been carried out by a research team from Budapest, Hungary (see publications of László *et al.*, listed below) focusing primarily on the Oriental and Palearctic region, while the Indian fauna remained rather under-explored. Some moths of this group are serious pests as mentioned under host plants in this manuscript. The information presented in this checklist is compiled based on all available published literature (Ades and Kendrick 2004; Bruand 1846; Cotes and Swinhoe 1889; Deng *et*

al., 2012; Hampson 1893, 1894, 1895, 1896, 1898, 1900, 1901, 1905, 1910, 1911, 1912, 1914, 1918, 1920; Holloway 1998, 2003; Hu *et al.*, 2012, 2014; Hu *et al.*, 2013; Hu *et al.*, 2013, 2014; Inoue 1982, 1991, 1991a, 1998, 2000, 2001; Kononenko and Pinratana 2005, 2013; László *et al.*, 2004-2008; László *et al.*, 2010; László *et al.*, 2013, 2013a, 2013b, 2013c, 2014, 2014a, 2014b, 2014c, 2014d, 2015, 2015a, 2015b; Matsumura 1930; Moore 1867, 1888, 1888a; Poole 1989; Rothschild 1912, 1913; Sevastopulo 1938, 1948, 1956; Strand 1920). So far no comprehensive work on the Nolidae of India has been published and the entire fauna of the Indian subcontinent is poorly studied. All the new species recently described from India were found in the rather sporadic Indian material of the Museum Witt, Munich and the Hungarian Natural History Museum, Budapest. However, Sanyal *et al.*, (2018) while compiling Lepidoptera (moths) of Himalaya gave an attempt to compile checklist of this family listing only 29 species under 6 genera from Indian Himalaya. We expect further discoveries of numerous new taxa as well as new records from India in the upcoming surveys that will supposedly change the presently endemic status of many earlier described species. As such, no concrete information were earlier available on family Nolidae from India and

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the present paper is the first consolidated information of Indian Nolinae.

Abbreviations

BMNH	: British Museum of Natural History, London
GPRC	: Gangetic Plains Regional Centre, ZSI, Patna, Bihar, India
HNHM	: Hungarian Natural History Museum, Budapest
MWM	: Museum Witt, Munich
MNHN	: Museum National d'Histoire Naturelle, Paris
Naturalis	: Naturalis Biodiversity Center, formerly Rijksmuseum van Natuurlijke Historie, Leiden
ZMHU	: Zoologisches Museum der Humboldt-Universität, Berlin
UM	: University Museum, Oxford
TL	: Type locality
TD	: Type depository

Results

This checklist mentioned below, includes 91 species under 21 genera of subfamily Nolinae reported from India which represents nearly double the number of species (52 species) as compiled by Strand (1920). The checklist presented in this present paper has been compiled exclusively from available published literature as mentioned above. For each species updated nomenclature, first reference, updated synonymy, distribution within India as well as other part of the Globe is also provided. Host plants if known for the particular species are also given. Some errors found in literature regarding distribution within India as well as information about type specimens have been corrected and mentioned under *Remarks*. An effort has been made to update the status of the subfamily Nolinae from India and this publication is intended to act as baseline data for future researchers aiming to study family Nolidae from India.

Systematic Account

Genus *Alcanola* László, Ronkay and Witt, 2010

Alcanola László, Ronkay and Witt, 2010, *Esperiana* 15: 8.

Type species: *Melanographia tympanistis* Hampson, 1900.

1. *Alcanola speideli* László, Ronkay and Witt, 2010
Alcanola speideli László, Ronkay and Witt, 2010, *Esperiana* 15: 9.
TL: Munnar, Kerala, India (♂).
TD: MWM.
Distribution in India: Kerala, Munnar (László *et al.*, 2010). *Elsewhere*: Known only by its holotype so far, supposedly endemic to Kerala.
2. *Alcanola tympanistis* (Hampson, 1900)
Melanographia tympanistis Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* 2: 49.
Alcanola tympanistis (Hampson, 1900): László *et al.*, 2010, *Esperiana* 15: 8-9.
TL: Sikkim, India (♂).
TD: BMNH.
Distribution in India: NE Himalaya, Sikkim (Holloway 2003). *Elsewhere*: Nepal, Myanmar, Cambodia (László *et al.*, 2010). *Elsewhere*: Nepal, Myanmar, Cambodia (László *et al.*, 2010).
Host Plant: (Lythraceae) *Lagerstroemia microcarpa* leaves (Robinson *et al.*, 2001).

Genus *Aquis* Walker, 1858

Aquis Walker, 1858, *List of the specimens of lepidopterous insects in the collection of the British Museum* 15: 1652.

Type species: *Aquis viridisquama* Walker, 1858.

3. *Aquis orbicularis* (Walker, 1858)
Diomea orbicularis Walker, 1858, *List of the specimens of lepidopterous insects in the collection of the British Museum* 15: 1804.
Labanda griseinigra Hampson, 1894, *The Fauna of British India including Ceylon and Burma, Moths* 2: 374.
Aquis orbicularis (Walker, 1858): Kononenko and Pinratana, 2013, *Moths of Thailand* 3(2): 166
TL: Sri Lanka. Holotype.
TD: BMNH.
Distribution in India: Sikkim, Ganjam (Hampson, 1894); Jharkhand, Rajderwa, 18.ix.2014 – 2 exs. GPRC coll. *Elsewhere*: Peninsular Malaysia, Borneo (Holloway, 2003); Thailand, Sri Lanka, Myanmar, Indonesia (Kononenko and Pinratana 2013).
Remarks: Zahiri *et al.*, (2013) considered genus *Aquis* as member of Chloephorinae. In this checklist we follow the traditional classification treating the genus as member of Nolinae until further investigations carried out.

4. ***Aquis aquisoides*** (Swinhoe, 1905)
Nanaguna aquisoides Swinhoe, 1905, *Annals and Magazine of Natural History* 7, 15: 156.
 TL: India: Khasis, Meghalaya. Syntypes.
 TD: BMNH.
Distribution in India: NE Himalaya (Holloway 2003).
Elsewhere: Endemic.

 Genus ***Aquila*** Walker, 1863
Aquila Walker, 1863, *List of the specimens of lepidopterous insects in the collection of the British Museum* 27: 200.
 Type species: *Aquila horridella* Walker, 1863.
5. ***Aquila laminata*** (Hampson, 1891)
Acontia laminata Hampson, 1891, *Illustrated Typical Specimens of the Lepidoptera Heterocera in the Collection of the British Museum* 8: 75.
Pisara rufescens Hampson, 1894, *Fauna of British India, Moths* 2: 145.
 TL: Nilgiris, Tamil Nadu, India. Syntypes.
 TD: BMNH.
Distribution in India: Nilgiris (Hampson 1900).
Elsewhere: Burma (Rangoon) (Hampson 1900).

 Genus ***Barasa*** Walker, 1862
Barasa Walker, 1862, *Journal of the Proceedings of the Linnean Society (Zoology)* 6: 192.
 Type species: *Barasa acronyctoides* Walker, 1862.
6. ***Barasa acronyctoides*** Walker, 1862
Barasa acronyctoides Walker, 1862, *Journal of the Proceedings of the Linnean Society (Zoology)* 6: 192.
Barasa cana Hampson, 1893, *Illustrations of Typical Specimens of Lepidoptera Heterocera in the Collection of the British Museum* 9: 107.
Sarothrips caradrinoides Snellen, 1879, *Tijdschrift voor Entomologie* 22: 94.
Barasa acronyctoides (Walker, 1862); László *et al.*, 2010, *Esperiana* 15: 24.
 TL: Sarawak, Borneo. Lectotype (♂) designated by Swinhoe (1900).
 TD: UM, Oxford.
Distribution in India: Orissa, Ganjam (Hampson 1894). *Elsewhere*: Sri Lanka, Borneo (Hampson 1894); Oriental to Sulawesi (Holloway 2003); Thailand (László *et al.*, 2010); China, Nepal, Malaysia (Borneo, Province Sarawak), Philippines (Luzon, Palawan, Mindanao, Mindoro Negros), Indonesia (Java, Sulawesi), Bali (Kononenko and Pinratana 2013).

 Host Plant: (Myrtaceae) *Eugenia aquea*, *E. cumini*, *Syzygium aromaticum*, *S. cumini*, *S. jambos* (Robinson *et al.*, 2001).
7. ***Barasa alopha*** Hampson, 1896
Barasa alopha Hampson, 1896, *Fauna of British India, Moths* 4: 525.
Zia grisea Hampson, 1914, *Catalogue of the Amatidae and Arctiidae (Nolinae and Lithosiinae) in the Collection of the British Museum* 1914: 438.
Barasa alopha (Hampson, 1896): László *et al.*, 2010, *Esperiana* 15: 25.
 TL: Thana, Maharasthra (Bombay); Puttalam, Ceylon (Sri Lanka). Syntypes.
 TD: BMNH.
Distribution in India: Bombay, Thana (Hampson 1896); Indian subregion (Holloway 2003). *Elsewhere*: Sri Lanka (Hampson 1896); China (Hampson 1914); Burma, Sundaland, Sulawesi (Holloway 2003); Thailand (László *et al.*, 2010); Vietnam, Malaysia, Borneo (Brunei), Indonesia (Sumatra, Java, Sulawesi) (Kononenko and Pinratana 2013).
 Host Plant: *Terminalia* (Combretaceae) (Holloway 2003).
8. ***Barasa costalis*** Hampson, 1895
Barasa costalis Hampson, 1895, *Transactions of the Entomological Society of London* 1895: 305.
 TL: Sikkim, India; Bhutan. Syntypes.
 TD: BMNH.
Distribution in India: Sikkim (Hampson 1895); NE Himalaya (Holloway 2003). *Elsewhere*: Bhutan (Hampson 1895); Thailand (László *et al.*, 2010); Indonesia (Moluccas) (Kononenko and Pinratana 2013).
Remarks: Kononenko and Pinratana (2013) erroneously cited Sikkim as part of North India, that is of North East India correctly. North India and North East India represents different biogeographical areas.
9. ***Barasa lunisigna*** (Hampson, 1898)
Nola lunisigna Hampson, 1898, *Journal of the Bombay Natural History Society* 11: 441.
Barasa lunisigna (Hampson, 1898): László *et al.*, 2010, *Esperiana* 15: 24-25.
 TL: Khasis, Meghalaya, India. Holotype (♂).
 TD: BMNH.
Distribution in India: Meghalaya, Khasis (Hampson 1898), NE Himalaya (Holloway 2003). *Elsewhere*:

Burma, Borneo (Holloway 2003); Thailand, Vietnam (László *et al.*, 2010); Cambodia (Qi *et al.*, 2013).

Genus **Calonola** László, Ronkay and Witt, 2010
Calonola László, Ronkay and Witt, 2010, *Esperiana* 15: 23.

Type species: *Zia ectrocta* Hampson, 1907.

10. *Calonola argyria* (Hampson, 1894)

Pisara argyria Hampson, 1894, *Fauna of British India, Moths* 2: 145.

Calonola argyria (Hampson, 1894): László *et al.*, 2010, *Esperiana* 15:24.

TL: Sikkim, India. Holotype (♂).

TD: BMNH

Distribution in India: Sikkim (Hampson 1894); Assam (Strand 1920). *Elsewhere*: Java (Strand 1920); Thailand (László *et al.*, 2010).

Genus **Casminola** László, Ronkay and Witt, 2010
Casminola László, Ronkay and Witt, 2010; *Esperiana* 15: 14.

Type species: *Poecilonola chionobasis* Hampson, 1901

11. *Casminola chionobasis* (Hampson, 1901)

Poecilonola chionobasis Hampson, 1901, *Annals and Magazine of Natural History* 7: 178.

Casminola chionobasis (Hampson, 1901): László *et al.*, 2010, *Esperiana* 15:15.

TL: Kangra, Punjab [Himachal Pradesh], India. Holotype (♂).

TD: BMNH.

Distribution in India: [Himachal Pradesh] Punjab, Kangra (Hampson 1901). *Elsewhere*: Thailand, Pakistan (László *et al.*, 2010); Thailand, India, Pakistan (Kononenko and Pinratana 2013).

Genus **Cornuanola** László, Ronkay and Ronkay, 2013
Cornuanola László, Ronkay and Ronkay, 2013, *Fibigeriana Supplement* 1: 182.

Type-species: *Nola brachystria* Hampson, 1905.

12. *Cornuanola brachystria* (Hampson, 1905)

Nola brachystria Hampson, 1905, *Fauna of British India, Moths, Supplementary Series*, 3(3): 435.

Cornuanola brachystria (Hampson, 1905): László *et al.*, 2013, *Fibigeriana Supplement* 1: 182-183

TL: Karwar, North Kanara, India. Holotype (♂).

TD: BMNH.

Distribution in India: Karnataka, North Kanara (Hampson 1905). *Elsewhere*: Supposedly endemic.

Remarks: North Kanara was erroneously mentioned as West India for type locality of the type species by László *et al.*, 2013 while discussing distribution of the genus, the correct geographical assignment is South India.

Genus **Dialithoptera** Hampson, 1900

Dialithoptera Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* 2: 50.

Type species: *Pisara gemmata* Hampson, 1896.

13. *Dialithoptera gemmata* (Hampson, 1896)

Pisara gemmata Hampson, 1896, *Fauna of British India, Moths* 4: 506.

Dialithoptera gemmata (Hampson, 1896): László *et al.*, 2010, *Esperiana* 15: 14.

TL: Sikkim, India. Holotype (♂).

TD: BMNH.

Distribution in India: Sikkim (Hampson 1896); Indian Subregion (Holloway 2003); NE Himalaya (Inoue 1998). *Elsewhere*: Borneo (Holloway 2003); Nepal (Inoue 1998); Burma, Thailand, Vietnam (László *et al.*, 2010), Cambodia (Qi *et al.*, 2013).

Host Plant: *Terminalia* (Combretaceae) and *Careya* (Lecythidaceae) (Holloway 2003).

Genus **Evonima** Walker, 1865

Evonima Walker, 1865, *List of the Specimens of Lepidopterous Insects in the Collection of the British Museum* 32: 505.

Type species: *Evonima aperta* Walker, 1865.

14. *Evonima aperta* Walker, 1865

Evonima aperta Walker, 1865, *List of the Specimens of Lepidopterous Insects in the Collection of the British Museum* 32: 506.

TL: Java [Indonesia]. Syntypes (2♀).

TD: BMNH.

Distribution in India: (Kononenko and Pinratana 2013). *Elsewhere*: Java, Sumatra (Eecke 1926); Borneo, Peninsular Malaysia (Barlow 1982); Thailand (László *et al.*, 2010); Indonesia, Sri Lanka, Taiwan (Kononenko and Pinratana 2013).

15. *Evonima ochritincta* (Hampson, 1901)

Poecilonola ochritincta Hampson, 1901, *Annals and Magazine of Natural History* 7: 178.

Evonima ochritincta (Hampson, 1901): László *et al.*, 2010, *Esperiana* 15: 30

TL: Puttalam, Ceylon [Sri Lanka]. Holotype (♂).

TD: BMNH.

Distribution in India: (Kononenko and Pinratana 2013). *Elsewhere:* Thailand (László *et al.*, 2010); Sri Lanka, Indonesia, Taiwan (Kononenko and Pinratana 2013). *Remarks:* Reporting of the species from India by Kononenko and Pinratana (2013) requires confirmation.

16. *Evonima xanthoplaga* (Hampson, 1911)

Roeselia xanthoplaga Hampson, 1911, *Annals and Magazine of Natural History* 8(8): 399.

Evonima xanthoplaga (Hampson, 1911): László *et al.*, 2010, *Esperiana* 15: 29

TL: Sikkim, India. Holotype (♀).

TD: BMNH.

Distribution in India: Sikkim (Hampson 1911); NE Himalaya (Holloway 2003). *Elsewhere:* Thailand (László *et al.*, 2010).

Remarks: Sikkim was erroneously mentioned as part of North India by Kononenko and Pinratana (2013), the correct geographical assignment is North East India.

Genus ***Hampsonola*** László, Ronkay and Ronkay, 2015

Hampsonola László, Ronkay and Ronkay, 2015, *Zootaxa* 4052(2): 251–296.

Type species: *Selca indistincta* Hampson, 1894.

17. *Hampsonola andamana* (László, Ronkay and Ronkay, 2014)

Meganola andamana László, Ronkay and Ronkay, 2014, *Fibigeriana Supplement* 2: 47.

Hampsonola andamana (László *et al.*, 2014): László *et al.*, 2015, *Zootaxa* 4052(2): 277

TL: Baratang Island, Andamans, India (♂).

TD: MWM.

Distribution in India: Andamans (László *et al.*, 2014). *Elsewhere:* Endemic.

18. *Hampsonola indistincta* (Hampson, 1894)

Selca indistincta Hampson, 1894, *Fauna of British India, Moths* 2: 147.

Hampsonola indistincta (Hampson, 1894): László *et al.*, 2015, *Zootaxa* 4052(2): 271.

TL: Naga hills, India. Holotype (♂).

TD: BMNH.

Distribution in India: Nagaland (Hampson 1894), Assam (Strand 1920). *Elsewhere:* Thailand (László *et al.*, 2010), China (Hu *et al.*, 2014).

19. *Hampsonola kerala* (László, Ronkay and Ronkay, 2014)

Meganola kerala László, Ronkay and Ronkay, 2014, *Fibigeriana Supplement* 2: 47.

Hampsonola kerala (László *et al.*, 2014): László *et al.*, 2015, *Zootaxa* 4052(2): 278.

TL: Munnar, Kerala, India (♂).

TD: MWM.

Distribution in India: Kerala, Munnar (László *et al.*, 2014). *Elsewhere:* Supposedly endemic to Kerala.

20. *Hampsonola semirufa* (Hampson, 1894)

Pisara semirufa Hampson, 1894, *Fauna of British India, Moths* 2: 146.

Hampsonola semirufa (Hampson, 1894): László *et al.*, 2015, *Zootaxa* 4052(2): 276.

TL: Sikkim, India. Holotype (♀).

TD: BMNH.

Distribution in India: Sikkim (Hampson 1894). *Elsewhere:* Thailand, Vietnam (László *et al.*, 2010); China (Hu *et al.*, 2014).

Remarks: The type was incorrectly cited as male by Kononenko and Pinratana (2013).

Genus ***Manoba*** Walker, 1863

Manoba Walker, 1863, *Journal of the Proceedings of the Linnean Society (Zoology)* 7: 62.

Type Species: *Manoba implens* Walker, [1863] 1864.

21. *Manoba argentalis* (Moore, 1867)

Aglossa argentalis Moore, 1867, *Journal of the Proceedings of the Zoological Society London* 1867: 89.

Manoba argentalis (Moore, 1867): Holloway, 2003, *Moths of Boreno*, 18

TL: Darjeeling, West Bengal, India.

TD: BMNH.

Distribution in India: Darjeeling (Moore 1867); North West Himalayas, Sikkim (Hampson 1894), North India (Holloway 2003). *Elsewhere:* Inoue (1998) mentioned a single female from Walunchung, Nepal collected in 1963.

Remarks: There are numerous specimens deposited in the MWM collected in Nepal and China-Sichuan. Host Plant: *Castanopsis indica* (Hampson, 1900).

22. *Manoba encausta* (Hampson, 1900)

Celama encausta Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* 2: 8.

Manoba encausta (Hampson, 1900): Holloway, 2003, *Moths of Boreno*, 18

- TL: Naga Hills, Nagaland, India. Holotype (♂).
TD: BMNH.
Distribution in India: Sikkim, Assam, Naga Hills (Hampson 1900); NE Himalaya (Holloway 2003).
Elsewhere: The species has been recorded so far from India only.
- 23. *Manoba fasciatus*** (Hampson, 1894)
Rhynchopalpus fasciatus Hampson, 1894, *Fauna of British India, Moths* 2: 144.
Manoba fasciatus (Hampson, 1894): László *et al.*, 2010, *Esperiana* 15: 33
TL: Naga Hills, Nagaland, India. Holotype (♂).
TD: BMNH.
Distribution in India: Nagaland (Hampson 1894).
Elsewhere: Thailand (László *et al.* 2010); Japan (Inoue 2001).
- 24. *Manoba grisealis*** (Swinhoe, 1895)
Rhynchopalpus grisealis Swinhoe, 1895, *Transactions of the Entomological Society of London* 1895: 25.
Manoba grisealis (Swinhoe, 1895): Holloway, 2003, *Moths of Boreno*, 18
TL: Cherrapunji, Meghalaya, India. Syntypes.
TD: BMNH.
Distribution in India: Meghalaya, Khasis hills (Poole 1989); NE Himalaya (Holloway 2003). *Elsewhere*: The species has not been published from other countries to date. Nevertheless, there are specimens from Nepal and Cambodia deposited in the collection of MWM.
Remarks: Holloway (2003) treated it as valid species and *Manoba microphasma* (Butler, 1885) has only been reported from Japan, hence the latter is not included here.
- 25. *Manoba lativittata*** (Moore, 1888)
Roeselia lativittata (Moore, 1888): László *et al.*, 2010, *Esperiana* 15: 31
TL: India: Darjeeling, Sikkim, India. Holotype (♂).
TD: ZMHU, Berlin.
Distribution in India: Sikkim, Darjeeling (Moore 1888). *Elsewhere*: Thailand (László *et al.* 2010).
- 26. *Manoba melanota*** (Hampson, 1900)
Nola melanota Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* 2: 35.
Manoba melanota (Hampson, 1900): László *et al.*, 2010, *Esperiana* 15: 33
Rhynchopalpus erythromedia Inoue, 1998, *Tinea* 15 (Supplement 1): 93.
TL: Sikkim, India. Syntypes (1♂, 10♀).
TD: BMNH.
Distribution in India: Sikkim, Assam (Strand 1920).
Elsewhere: Thailand, Nepal (László *et al.*, 2010).
- 27. *Manoba phaeochroa*** (Hampson, 1900)
Celama phaeochroa Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* 2: 29.
Manoba phaeochroa (Hampson, 1900): László *et al.*, 2010, *Esperiana* 15: 34
Roeselia oblita Wileman and West, 1929, *Annals and Magazine of Natural History* 10(3): 192.
Manoba phaeochroa (Hampson, 1900): László *et al.*, 2010, *Esperiana* 15: 34.
TL: Sikkim, India. Syntypes (4♀).
TD: BMNH.
Distribution in India: Sikkim (Hampson 1900); West Bengal (Poole 1989) for *R. oblita*. *Elsewhere*: Java (Strand 1920); Thailand, Nepal, Taiwan (László *et al.*, 2010).
- 28. *Manoba punctilineata*** (Hampson, 1896)
Nola punctilineata Hampson, 1896, *Fauna of British India, Moths* 4: 503.
Manoba punctilineata (Hampson, 1896): Holloway, 2003, *Moths of Boreno*, 18.
TL: Bhutan. Holotype (♀).
TD: BMNH.
Distribution in India: NE Himalaya (Holloway 2003).
Elsewhere: Burma, Borneo, Philippines, Sulawesi (Holloway 2003).
- 29. *Manoba tessellata*** (Hampson, 1896)
Nola tessellata Hampson, 1896, *Fauna of British India, Moths* 4: 504.
Celama marmorea Talbot, 1926, *The Sarawak Museum Journal* 3: 131.
Manoba tessellata (Hampson, 1896): László *et al.*, 2010, *Esperiana* 15: 32.
TL: Khasis, Meghalaya, India. Holotype (♀).
TD: BMNH.
Distribution in India: Meghalaya, Khasis (Hampson 1896); NE Himalaya (Holloway 2003). *Elsewhere*: Taiwan, Borneo, Sumatra, Java, Bali, Seram (Holloway 2003); Thailand (László *et al.* 2010); Indonesia (Kononenko and Pinratana 2013).

Remarks: Kononenko and Pinratana (2013) erroneously cited the species occurring in North India.

30. *Manoba tristicta* (Hampson, 1900)

Nola tristicta Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* 2: 37.

Manoba tristicta (Hampson, 1900): László *et al.*, 2010, *Esperiana* 15: 35-36.

TL: Sikkim, India. Syntypes (2♂, 3♀).

TD: BMNH.

Distribution in India: Sikkim (Hampson 1900), NE Himalaya (Holloway 2003). *Elsewhere:* Thailand (László *et al.*, 2010), Nepal, Philippines, Taiwan (Kononenko and Pinratana 2013).

Genus *Meganola* Dyar, 1898

Meganola Dyar, 1898, *Journal of the New York Entomological Society* 6: 43.

Type-species: *Meganola conspicua* Dyar, 1898, by original designation by monotypy.

31. *Meganola ascripta* (Hampson, 1894)

Selca ascripta Hampson, 1894, *Fauna of British India, Moths* 2: 144.

Meganola ascripta (Hampson, 1894): László *et al.*, 2010, *Esperiana* 15: 45

TL: Naga Hills, India. Holotype (♂).

TD: BMNH.

Distribution in India: Nagaland (Hampson 1894); NE Himalaya (Holloway 2003), Kerala, Munnar (László *et al.*, 2005); Assam, Khasis (László *et al.*, 2010). *Elsewhere:* Borneo, Taiwan, Peninsular Malaysia (Barlow colln.) (Holloway 2003), Vietnam (László *et al.*, 2005); Thailand, Nepal (László *et al.*, 2010).

32. *Meganola argentescens* (Hampson, 1895)

Pisara argentescens Hampson, 1895, *Catalogue of the Lepidoptera Phalaenae in the British Museum* 5: 296.

Meganola argentescens (Hampson, 1895): László *et al.*, 2010, *Esperiana* 15: 50

TL: Sikkim, India; Holotype (♀).

TD: BMNH.

Distribution in India: Sikkim (Hampson 1895). *Elsewhere:* Thailand (László *et al.*, 2010), Nepal (Inoue 1998).

33. *Meganola brunellus* (Hampson, 1893)

Rhynchopalpus brunellus Hampson, 1893, *Illustrations of Typical Specimens of Lepidoptera Heterocera in the Collection of the British Museum* 9: 89.

Nola brunella Hampson, 1900; *Catalogue of the Lepidoptera Phalaenae in the British Museum* 2: 34.

Nola achromia Hampson, 1909, *Annals and Magazine of Natural History* (8) 4: 352.

Celamoides corticella Eecke, 1926; *Zoologische Mededeelingen, Leiden* 9: 39.

Meganola pseudohypena Inoue, 1982, in Inoue *et al.*, *Moths of Japan* 1: 667.

Meganola brunellus (Hampson, 1893): László *et al.*, 2010, *Esperiana* 15: 51

TL: Pundaloya, Sri Lanka; Syntypes.

TD: BMNH.

Distribution in India: Nagaland, Sikkim, Assam (Hampson 1900). *Elsewhere:* Sri Lanka (Hampson 1893); Taiwan, Japan, Ryukyu Island (Inoue 2001); Japan (Inoue 1982); Sumatra (Eecke 1926); Sundaland, Queensland, Bismarck Island (Holloway 2003); Thailand (László *et al.*, 2010, 2015).

Host Plant: *Melastoma* (Melastomataceae) Robinson *et al.*, (2001).

Remarks: First reference was erroneously cited as *Roeselia brunellus* by László *et al.*, (2010).

34. *Meganola cuneifera* (Walker, 1862)

Melia cuneifera Walker, 1862, *Journal of the Proceedings of the Linnean Society of London (Zoology)* 6: 127.

Meganola cuneifera (Walker, 1862): László *et al.*, 2010, *Esperiana* 15: 46

TL: Sarawak, Borneo. Holotype (♂).

TD: UM Oxford.

Distribution in India: Sikkim (Strand 1920); NE Himalaya (Holloway 2003). *Elsewhere:* Bhutan (Strand 1920); Nepal (Inoue 1998); Thailand (László *et al.*, 2010), Borneo, Nepal, Vietnam (Holloway 2003).

35. *Meganola flexuosa* (Poujade, 1886)

Nola flexuosa Poujade, 1886, *Bulletin de la Société Entomologique de France* 1886: 27.

Meganola flexuosa (Poujade, 1886): László *et al.*, 2010, *Esperiana* 15: 44

TL: [China] [Szechuan] Tibet, Moupin. Holotype (♀).

TD: MNHN, Paris.

Distribution in India: Sikkim (Strand 1920). *Elsewhere:* Nepal (Inoue 1998), Thailand, China (László *et al.*, 2010).

36. *Meganola major major* (Hampson, 1891)

Nola major Hampson, 1891, *Illustrations of Typical Specimens of Lepidoptera Heterocera in the Collection of the British Museum* 8: 48.

- Meganola major* (Hampson, 1891): Kononenko and Pinratana, 2013, *Moths of Thailand* 3(2): 177
TL: Nilgiri district, Tamil Nadu, India. Syntypes.
TD: BMNH.
Distribution in India: Tamil Nadu, Nilgiris (Hampson 1891). *Elsewhere*: Thailand (László et al., 2010); Burma, Singapore, Borneo, Java, Vanuatu, New Caledonia (Holloway 2003); Sri Lanka, Nepal, Malay Peninsula, Malaysia, Singapore, China, Australia (Kononenko and Pinratana 2013).
Host Plant: *Terminalia* (Combretaceae) (Holloway 2003).
37. ***Meganola major phaea*** (Hampson, 1900)
Nola phaea Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* 2: 35.
Meganola major phaea (Hampson, 1900): László et al., 2015, *Zootaxa* 4052(2): 260
TL: Ichang, China. Holotype (♀).
TD: BMNH.
Distribution in India: NW Himalaya, Kullu (Strand 1920). *Elsewhere*: China (Hampson 1900).
Remarks: The species has been downgraded to subspecific rank by László et al. (2015).
38. ***Meganola margalla*** László, Ronkay and Ronkay, 2014
Meganola margalla László, Ronkay and Ronkay, 2014, *Fibigeriana Supplement* 2: 38.
TL: Margalla Hills, Islamabad, Pakistan. Holotype (♂).
TD: MWM.
Distribution in India: Uttar Pradesh, Bhim valley (László et al., 2014). *Elsewhere*: Nepal (László et al., 2014).
39. ***Meganola nitida*** (Hampson, 1894)
Selca nitida Hampson, 1894, *Fauna of British India, Moths* 2: 147.
Meganola nitida (Hampson, 1894): László et al., 2015, *Zootaxa* 4052(2): 264
TL: Manipur, India. Holotype (♀).
TD: BMNH.
Distribution in India: Manipur (Hampson 1894); NW Himalaya (Strand 1920), Sikkim, Darjeeling, Naga Hills (László et al., 2007). *Elsewhere*: E. Pegu (Hampson 1894), Himalaya, Burma (Holloway 2003); Nepal (László et al., 2007).
40. ***Meganola scripta scripta*** (Moore, 1888)
Roeselia scripta Moore, 1888, *Proceedings of the Zoological Society London* 1888: 393.
Meganola scripta scripta (Moore, 1888): László et al., 2015, *Zootaxa* 4052(2): 269
TL: Kangra, Himachal Pradesh, India. Holotype (♂).
TD: BMNH.
Distribution in India: Himalaya, Dalhousie, Dharamsala, Kangra, Darjeeling, Sikkim (Strand 1920); Darjeeling (Inoue 1998). *Elsewhere*: Thailand (László et al., 2010); Nepal (Kononenko and Pinratana 2013).
Remarks: The type locality has been erroneously stated as to be in Pakistan by László et al., (2015).
41. ***Meganola strigivena*** Hampson, 1894
Selca strigivena Hampson, 1894, *Fauna of British India, Moths* 2: 147.
Meganola strigivena (Hampson, 1894): László et al., 2015, *Zootaxa* 4052(2): 266
TL: Sikkim, India. Holotype (♂).
TD: BMNH.
Distribution in India: Sikkim (Hampson 1894); NE Himalaya (Holloway 2003). *Elsewhere*: So far only published from India. There has numerous specimens been found in the MWM from Nepal by the third author.
42. ***Meganola tarka*** László, Ronkay and Witt, 2010
Meganola tarka László, Ronkay and Witt, 2010, *Esperiana* 15: 45-46.
TL: Khao Soi Dao, Chantaburi, SE Thailand. Holotype (♂).
TD: BMNH.
Distribution in India: Assam, Garampani (László et al., 2010). *Elsewhere*: Indonesia, Malaysia, Philippines, Thailand (László et al., 2010).
43. ***Meganola tomkovichi*** László, Ronkay and Ronkay, 2014
Meganola tomkovichi László, Ronkay and Ronkay, 2014, *Fibigeriana Supplement* 2: 37.
TL: Daitari, Orissa, India. Holotype (♂).
TD: HNHM.
Distribution in India: Orissa, Daitari (László et al., 2014). *Elsewhere*: Sri Lanka, Thailand (László et al., 2014).

- 44. *Meganola triangulalis*** (Leech, 1888[1889])
Nola triangulalis Leech, 1888[1889], *Proceedings of the Zoological Society of London* **1888**: 608.
Meganola triangulalis (Leech, 1888[1889]): László *et al.*, 2010, *Esperiana* **15**: 49
 TL: Satsuma, Japan. Holotype (♂).
 TD: BMNH.
Distribution in India: NE Himalaya (Holloway 2003). *Elsewhere*: Japan, Taiwan, Borneo, Sundaland (Holloway 2003); Thailand (László *et al.*, 2010); Southwest China, South Korea (Kononenko and Pinratana 2013).
- 45. *Meganola ruficostata*** (Hampson, 1896)
Selca ruficostata Hampson, 1896, *Fauna of British India, Moths* **4**: 507.
Meganola ruficostata (Hampson, 1896): László *et al.*, 2010, *Esperiana* **15**: 46.
 TL: Bhutan. Holotype (♀). Cited erroneously as male by Kononenko and Pinratana (2013).
 TD: BMNH.
Distribution in India: (Kononenko and Pinratana 2013). *Elsewhere*: Thailand (László *et al.*, 2010); Nepal, Bhutan, Vietnam, Malaysia (Borneo) (Kononenko and Pinratana 2013).
Remarks: Distribution within India has not been specified by Kononenko and Pinratana (2013).
- 46. *Meganola tenebrosa*** (Hampson, 1896)
Nola tenebrosa Hampson, 1896, *Fauna of British India, Moths* **4**: 504.
Manoba greenwoodi Holloway, 2003, *The Moths of Borneo* **18**: 44.
Meganola tenebrosa (Hampson, 1896): László *et al.*, 2010, *Esperiana* **15**: 49
 TL: Bhutan. Holotype (♀).
 TD: BMNH.
Distribution in India: India (Kononenko and Pinratana 2013). *Elsewhere*: Thailand (László *et al.*, 2010, 2015); Bhutan, Nepal (Kononenko and Pinratana 2013); Borneo (Holloway 2003).
Remarks: The distribution within India has not been specified by Kononenko and Pinratana (2013).
- 47. *Meganola zirkalmashka*** László, Ronkay and Ronkay, 2014
Meganola zirkalmashka László, Ronkay and Ronkay, 2014, *Fibigeriana Supplement* **2**: 43.
 TL: Mitlung, Taplejung area, Koshi, Nepal. Holotype (♂).

TD: MWM.

Distribution in India: Sikkim (Single female only) (László *et al.*, 2014). *Elsewhere*: Only known from East Nepal and Sikkim.

Genus *Melanographia* Hampson, 1900
Melanographia Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* **2**: 48.
 Type species: *Nola flexilineata* Hampson, 1898.

- 48. *Melanographia flexilineata*** (Hampson, 1898)
Nola flexilineata Hampson, 1898, *Journal of the Bombay Natural History Society* **11**: 440.
Melanographia flexilineata (Hampson, 1898): Holloway, 2003, *Moths of Borneo* **18**: 21
 TL: Khasis, Assam. Holotype (♂).
 TD: BMNH.
Distribution in India: Assam (Hampson 1898); North East Himalaya (Holloway 2003). *Elsewhere*: China, Chekiang (Hampson 1900); Borneo (Holloway 2003); Nepal (Inoue 1998); Thailand (László *et al.*, 2010, 2015), (Kononenko and Pinratana 2013).
 Host Plant: *Lagerstroemia* (Lythraceae) (Holloway 2003).
- Genus *Mokfanola* László, Ronkay and Witt, 2010
Mokfanola László, Ronkay and Witt, 2010, *Esperiana* **15**: 27.
 Type species: *Mokfanola crustacea* László, Ronkay and Witt, 2010.

- 49. *Mokfanola crustacea*** László, Ronkay and Witt, 2010
Mokfanola crustacea László, Ronkay and Witt, 2010, *Esperiana* **15**: 28.
 TL: Chiang Mai, North Thailand. Holotype (♂).
 TD: MWM.
Distribution in India: NE India, Assam, Kaziranga Wildlife Reserve (László *et al.*, 2010). *Elsewhere*: Thailand (László *et al.*, 2010).

Genus *Nanola* László, Ronkay and Witt, 2010
Nanola László, Ronkay and Witt, 2010, *Esperiana* **15**: 38.
 Type species: *Nanola hluchyi* László, Ronkay and Witt, 2010.
Remarks: The genus name was misspelled by Kononenko and Pinratana (2013) as *Nanonola*.

50. ***Nanola basalactifera*** (Holloway, 2003)
Meganola basalactifera Holloway, 2003, *The Moths of Borneo* **18**: 29.
Nanola basalactifera (Holloway, 2003): László *et al.*, 2015, *Zootaxa* **4052**(2): 284
TL: Sarawak, Borneo. Holotype (♂).
TD: BMNH.
Distribution in India: NE Himalaya, Khasis (Holloway 2003). *Elsewhere*: Borneo (Holloway 2003), (László *et al.*, 2015).

Type-species: *Noctua palliola* [Denis and Schiffermüller], 1775 a junior subjective synonym of *Phalaena cucullatella* Linnaeus, 1758.
51. ***Nanola hluchyi*** László, Ronkay and Witt, 2010
Nanola hluchyi László, Ronkay and Witt, 2010, *Esperiana* **15**: 38-39.
TL: Changwat Nan, Thailand. Holotype (♂).
TD: MWM.
Distribution in India: Assam, Khasis (László *et al.*, 2010). *Elsewhere*: Thailand, Vietnam, Taiwan, Myanmar (László *et al.*, 2010).

52. ***Nanola submelaena*** (László, Ronkay and Ronkay, 2014)
Meganola submelaena László, Ronkay and Ronkay, 2014, *Fibigeriana Supplement* **2**: 33.
Nanola submelaena (László *et al.*, 2014): László *et al.*, 2015, *Zootaxa* **4052**(2): 287
TL: Khasis, Assam, India. Holotype (♂).
TD: BMNH.
Distribution in India: Assam (László *et al.*, 2014). *Elsewhere*: Nepal (László *et al.*, 2014).

Genus ***Njalkanola*** László, Ronkay and Witt, 2010
Njalkanola László, Ronkay and Witt, 2010, *Esperiana* **15**: 65.
Type-species: *Celamoides bimaculatavani* Eecke, 1920.

53. ***Njalkanola bimaculata*** (van Eecke, 1920)
Celamoides bimaculata van Eecke, 1920, *Zoologische Mededeelingen Leiden* **5**: 121.
Njalkanola bimaculata (van Eecke, 1920): László *et al.*, 2014, *Fibigeriana Supplement* **2**: 120
TL: Preanger, Java [Indonesia]. Syntypes (1♂, 3♀).
TD: Naturalis, Leiden.
Distribution in India: Meghalaya, Garo Hills (László *et al.*, 2014).
Remarks: Meghalaya is part of North East India instead of South India as cited by László *et al.*, (2014).

Genus ***Nola*** Leach, [1815] 1830
Nola Leach, [1815] 1830; in Brewster, *New Edinburgh Encyclopedia* **9**: 135.
54. ***Nola analis*** (Wileman and West, 1928)
Celema analis Wileman and West, 1928, *Annals and Magazine of Natural History* **10**(2): 388-390.
Nola analis (Wileman and West, 1928): Kononenko and Pinratana, 2013, *Moths of Thailand* **3**(2): 183.
TL: Sri Lanka. Holotype.
TD: BMNH.
Distribution in India: (Wileman and West 1928); South India by Bell (Holloway, 2003). *Elsewhere*: Sri Lanka, Nepal (Kononenko and Pinratana 2013).
Host Plant: *Mangifera* (Anacardiaceae), *Durio* (Euphorbiaceae), *Sorghum*, *Pennisetum* (Graminae), *Acacia*, *Cajanus* (Leguminosae), *Nephelium* (Sapindaceae), *Lantana* (Verbenaceae) (Robinson *et al.*, 2001), *Memecylon* (Melastomataceae) and *Terminalia* (Combretaceae) from South India by [Bell] (Holloway 2003).

55. ***Nola angulata*** (Moore, 1888)
Roeselia angulata Moore, 1888, *Proceedings of the Zoological Society London* **1888**: 393.
Nola acutapicalis Inoue, 1998, *Tinea* **15** (suppl. 1): 91.
Nola angulata (Moore, 1888): László *et al.*, 2014, *Fibigeriana Supplement* **2**: 212-213
TL: Dharamshala, Himachal Pradesh, India. Syntypes (2♂, 2♀).
TD: BMNH.
Distribution in India: NW Himalayas, Solan, Kangra (Hampson 1900). *Elsewhere*: Sri Lanka (Hampson 1900); Nepal (László *et al.*, 2014).

56. ***Nola astigma*** Hampson, 1894
Nola astigma Hampson, 1894, *Fauna of British India, Moths* **2**: 140.
TL: Sikkim, India. Holotype (♂).
TD: BMNH.
Distribution in India: Sikkim, Manipur, Nagaland (Naga Hills) (Hampson 1894, 1900). *Elsewhere*: So far it has only been recorded from North East India.
Remarks: Hampson (1894) stated that the type is from the Elwes collection referring to the specimen collected in Sikkim. The Manipur and Naga hills specimens belong to the Doherty collection, therefore are not types.

- 57. *Nola cingalesa*** (Moore, 1882)
Nola cingalesa Moore, 1882, *The Lepidoptera of Ceylon* **2**: 66.
Raeselia [sic!] culaca Swinhoe, 1891, *Transactions of the Entomological Society of London*. **1891**: 137.
 TL: Ceylon [Sri Lanka]. Holotype (♂).
 TD: BMNH.
Distribution in India: Tamil Nadu, Nilgiris (Hampson 1900, László *et al.*, 2014). *Elsewhere*: Sri Lanka (Hampson 1900).
- 58. *Nola cretacea*** (Hampson, 1901)
Celama cretacea Hampson, 1901, *Annals and Magazine of Natural History* **7**: 177.
Nola calcicola Holloway, 2003, *The Moths of Borneo* **18**: 55.
Nola cretacea (Hampson, 1901): László *et al.*, 2010, *Esperiana* **15**: 63.
 TL: Mumbai, Maharashtra, India. Syntypes (4♀).
 TD: BMNH.
Distribution in India: South India (Holloway 2003), Kolkatta (Sevastopulo 1948). *Elsewhere*: Nepal (Inoue 1998), Borneo (Holloway 2003), Thailand (László *et al.*, 2010).
- 59. *Nola defreina*** László, Ronkay and Witt, 2010
Nola defreina László, Ronkay and Witt, 2010, *Esperiana* **15**: 52.
 TL: Thailand, Province Nan. Holotype (♂).
 TD: MWM.
Distribution in India: Assam, Khasis (László *et al.*, 2010). *Elsewhere*: Eastern Himalaya, Central Nepal, Thailand, China (László *et al.*, 2010).
- 60. *Nola duplicilinea*** (Hampson, 1900)
Celama duplicilinea Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* **2**: 12.
Celamoides pseudastigma Eecke, 1920, *Zoologische Mededeelingen Leiden* **5**: 120.
Celama indefinita Roepke, 1948, *Tijdschrift voor Entomologie* **89**: 210.
Nola duplicilinea (Hampson, 1900): László *et al.*, 2010, *Esperiana* **15**: 55.
 TL: Sikkim, India. Holotype (♂).
 TD: BMNH.
Distribution in India: Sikkim (Hampson 1900); NE Himalaya (Holloway 2003). *Elsewhere*: Nepal (Inoue 1998); Peninsular Malaysia, Borneo, Sumatra, Java, Philippines, Seram (Holloway 2003); Thailand (László *et al.*, 2010).
- 61. *Nola endotherma*** (Hampson, 1918)
Celama endotherma Hampson, 1918, *Novitates Zoologicae* **25**: 95.
Nola endotherma (Hampson, 1918): László *et al.*, 2010, *Esperiana* **15**: 59.
 TL: Khasis, Meghalaya, India. Holotype (♀).
 TD: BMNH.
Distribution in India: Meghalaya (Hampson 1918). *Elsewhere*: So far only known from the type locality.
Remarks: According to László *et al.*, (2014), the only confirmed *N. endotherma* is the female holotype from Meghalaya, India. The specimens referred by Inoue (1998) were misidentified by the author and turned out to be a closely related, cryptic sister species described later as *N. bertalani* László, Ronkay and Ronkay, 2014. The single specimen collected in Thailand identified by László *et al.*, (2010) as *N. endotherma* in fact stands close to *N. fansipana* László, Ronkay and Ronkay, 2014 representing a yet undescribed species.
- 62. *Nola erythrostigmata*** Hampson, 1894
Nola erythrostigmata Hampson, 1894, *Fauna of British India Moths* **2**: 140.
 TL: Naga hills, Nagaland, India. Holotype (♂).
 TD: BMNH.
Distribution in India: N.E. Himalaya (Holloway 2003); Assam (Strand 1920). *Elsewhere*: Bhutan (Strand 1920); Borneo (Holloway 2003); Thailand (László *et al.*, 2010); China (Hu *et al.*, 2015).
- 63. *Nola fasciata*** (Walker, 1866)
Minnagara fasciata Walker, 1866, *List of the Specimens of Lepidopterous Insects in the Collection of the British Museum* **35**: 1903.
Nola nigrifascia Hampson, 1891, *Illustrations of Typical Specimens of Lepidoptera Heterocera in the Collection of the British Museum* **8**(5): 48.
Nola fasciata (Walker, 1866): László *et al.*, 2010, *Esperiana* **15**: 61.
 TL: Moluccas, Sula Island. Lectotype (♀), designated by Swinhoe (1892).
 TD: UM Oxford.
Distribution in India: Sikkim, Nilgiris (Strand 1920), Tamil Nadu, Nilgiri district (László *et al.*, 2010), N.E. Himalaya (Holloway 2003). *Elsewhere*: Sri Lanka, Borneo, Sula, Queensland (Strand 1920),

Indo-Australian tropics to Taiwan and New Guinea (Holloway 2003), Thailand (László *et al.*, 2010), Nepal, Indonesia, New Guinea, Philippines, Taiwan, Australia (Kononenko and Pinratana 2013).

Host Plant: *Lantana* (Verbenaceae) (Robinson *et al.*, 2001).

64. *Nola fraterna* (Moore, 1888)

Roeselia fraterna Moore, 1888, *Proceedings of the Zoological Society of London* **1888**: 393.

Nola fraterna (Moore, 1888): László *et al.*, 2010, *Esperiana* **15**: 55.

TL: Kangra, Himachal Pradesh, India. Holotype (♀).
TD: BMNH.

Distribution in India: NW Himalaya, Kangra, Shimla, Kullu (Strand 1920); Himalaya, Andamans (Holloway 2003). *Elsewhere*: Nepal (Inoue 1998); Myanmar, Borneo, Australia (Holloway 2003); Thailand (László *et al.*, 2010).
Host Plant: *Rhizophora* (Rhizophoraceae) (Robinson *et al.*, 2001).

Remarks: It was earlier treated as synonym of *Nola squalida* Staudinger, 1870. However, it is a well established species and hence *N. squalida* (described from Spain) has not been included in this list.

65. *Nola fuscantea* (van Eecke, 1920)

Celama fuscantea van Eecke, 1920, *Zoologische Mededeelingen Leiden* **5**: 121.

Nola nepalpumila Inoue, 1998, *Tinea* **15** (Supplement 1): 89.

Nola fuscantea (van Eecke, 1920): László *et al.*, 2014, *Fibigeriana Supplement* **2**: 2014.

TL: Preanger, Java. Lectotype (♂) designated by László *et al.*, (2014).

TD: Naturalis, Leiden.

Distribution in India: Sikkim, West Bengal, Darjeeling (Inoue 1998). *Elsewhere*: Nepal (Inoue 1998); Thailand, Java, Sumatra, Vietnam, Malaysia, Cambodia (László *et al.*, 2010).

Remarks: *Nola nepalpumila* Inoue, 1998 reported from India has been synonymised under this species by László *et al.* (2014).

66. *Nola internella* (Walker, 1864)

Pisara internella Walker, 1864 [1865], *List of the Specimens of Lepidopterous Insects in the Collection of the British Museum* **31**: 245.

Nola internella (Walker, 1864): Holloway, 2003, *Moths of Borneo*, 18.

TL: Sarawak, Borneo. Holotype (♀).

TD: BMNH.

Distribution in India: Kolkata, Bombay, Pune, Nilgiris (Strand 1920). *Elsewhere*: Bhutan, Sri Lanka, Taiwan, Borneo (Strand 1920).

Host Plant: Rosaceae (*Rubus*) (Hampson 1900).

Remarks: Holloway (2003) referred the species as occurring in Borneo only.

67. *Nola lucidalis* (Walker, 1865)

Pisara lucidalis Walker, 1865, *List of the Specimens of Lepidopterous Insects in the Collection of the British Museum* **31**: 245.

Nola dimidiata Snellen, 1875, *Tijdschrift voor Entomologie* **18**: 66.

Nola lucidalis (Walker, 1865): László *et al.*, 2010, *Esperiana* **15**: 58

TL: Sarawak, Borneo. Holotype (♂).

TD: UM Oxford.

Distribution in India: Indian Subregion (Holloway 2003). *Elsewhere*: Borneo, Java, Philippines, Indian Subregion, Taiwan (Holloway 2003); Thailand (László *et al.*, 2010); Sri Lanka, Malaysia (Borneo, Province Sarawak), Bali (Kononenko and Pinratana 2013).

68. *Nola marginata* Hampson, 1895

Nola marginata Hampson, 1895, *Transactions of the Entomological Society of London* **1895**: 296.

Celama umbrata Wileman, 1916, *Entomologist* **49**: 97.

Celama crustalis van Eecke, 1926, *Zoologische Mededeelingen* **9** (3): 38.

TL: Bhutan. Type (♂) (as per Hampson 1895).

TD: BMNH

Distribution in India: Sikkim (Hampson 1900); Himalaya (Holloway 2003). *Elsewhere*: Bhutan (Hampson 1900); Taiwan, Burma, Borneo, Sumatra, Bali (Holloway 2003); Thailand (László *et al.* 2010), (Kononenko and Pinratana 2013).

Remarks: First reference is given erroneously by Kononenko and Pinratana (2013).

69. *Nola mesomelana* (Hampson, 1900)

Celama mesomelana Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* **2**: 12.

Nola mesomelana (Hampson, 1900): Holloway, 2003, *Moths of Borneo*, 18.

TL: Sikkim, India. Holotype (♂).

TD: BMNH.

Distribution in India: Sikkim (Hampson 1900); N.E. Himalaya (Holloway 2003). *Elsewhere:* Borneo (Hampson 1900); Java, Bali (Holloway 2003).

70. *Nola mesosticta* (Hampson, 1900)

Neonola mesosticta Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* 2: 4.

Nola celidota Wileman and West, 1928, *Entomologist* 61: 205.

Nola mesosticta (Hampson, 1900): Kononenko & Pinratana, 2013, *Moths of Thailand* 3(2): 185

TL: [Laut Island] Pulo Laut, [Borneo]. Holotype (♂). TD: BMNH.

Distribution in India: Sikkim (Strand 1920); Indian subregion (Holloway 2003). *Elsewhere:* Sri Lanka (Strand 1920); Borneo, Singapore, Philippines, Seram, New Guinea (Holloway 2003); Thailand (László *et al.*, 2010); Malaysia (Malay Peninsula, Borneo), Indonesia, Greater Sunda Islands, Moluccas (Kononenko and Pinratana 2013).

71. *Nola negrita* Hampson, 1894

Nola negrita Hampson, 1894, *Fauna of British India, Moths* 2: 142.

TL: Bengaluru, Karnataka, India. Holotype (♂).

TD: BMNH.

Distribution in India: Madras, Bengaluru (Hampson 1914). *Elsewhere:* Sri Lanka (Hampson 1914).

72. *Nola ochrolopha* (Hampson, 1911)

Celama ochrolopha Hampson, 1911, *Annals and Magazine of Natural History* 8(8): 397.

Nola ochrolopha (Hampson, 1911): László *et al.*, 2010, *Esperiana* 15:51.

TL: Sikkim, India. Holotype (♀).

TD: BMNH.

Distribution in India: Sikkim (Hampson 1911); NE Himalaya (Holloway 2003). *Elsewhere:* Borneo (Holloway 2003); Thailand (László *et al.*, 2010); South Eastern Himalayan region including Indo-China (László *et al.*, 2014).

Remarks: Type was erroneously cited as male by Kononenko and Pinratana (2013).

73. *Nola pascua* (Swinhoe, 1885)

Roeselia pascua Swinhoe, 1885, *Proceedings of the Zoological Society of London* 1885: 293.

Nola pascua (Swinhoe, 1885): Hu *et al.*, 2015, *Zootaxa* 3920(3): 485.

TL: Poona, Bombay, India. Holotype (♀).

TD: BMNH.

Distribution in India: Bombay, Pune (Holloway 2003). *Elsewhere:* China (Guangdong), Sri Lanka, Thailand (Hu *et al.*, 2015).

Remarks: Poona is a part of India instead of Sri Lanka as incorrectly cited by László *et al.*, (2014).

74. *Nola polia* Hampson, 1900

Celama polia Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* 2: 28.

Nola polia (Hampson, 1900): Poole, 1989, *Lepidoptera Catalogus*, 118.

TL: Sikkim (7000 ft), India. Syntypes (3♂, 1♀).

TD: BMNH.

Distribution in India: Sikkim (Hampson 1900). *Elsewhere:* Probably endemic to Sikkim.

75. *Nola pumila* Snellen, 1875

Nola pumila Snellen, 1875, *Tijdschrift voor Entomologie* 18: 68.

TL: Celebes [Sulawesi] [Indonesia]. Lectotype (♀) designated by László *et al.* (2014).

TD: Naturalis, Leiden.

Distribution in India: Sikkim, Assam, Khasis, Bombay, Nilgiris (Strand 1920). *Elsewhere:* Indo-Australian tropics (Holloway 2003).

Host Plant: *Shorea* and *Dryobalanops* (Dipterocarpaceae) (Robinson *et al.*, 2001).

Remarks: The distribution of the species in the Indian region needs updating as Holloway (2003) and Strand (1920) also treated further two Indian species *N. spreata* and *N. minuta* as *N. pumila*.

76. *Nola quadrimaculata* Heylaerts, 1892

Nola quadrimaculata Heylaerts, 1892, *Bulletin Scientifique de la France et de le Belgique* 36: 46.

TL: Preanger, Java [Indonesia]. Syntypes.

TD: Naturalis, Leiden.

Distribution in India: NE Himalaya, South India [Bell] (Holloway 2003). *Elsewhere:* Indo-Australian tropics from N.E. Himalaya to Queensland and the Solomons (Holloway 2003); Thailand, Malaysia (Borneo, Province Sarawak), Indonesia (Java), Australia (Kononenko and Pinratana 2013).

Host Plants: *Mangifera* (Anacardiaceae), *Durio* (Euphorbiaceae), *Sorghum*, *Pennisetum* (Graminae), *Acacia*, *Cajanus* (Leguminosae), *Nephelium* (Sapindaceae), *Lantana* (Verbenaceae) (Robinson *et al.* 2001); *Memecylon*

(Melastomataceae) and *Terminalia* (Combretaceae) from South India by [Bell] (Holloway 2003).

Remarks: The type of *N. quadrimaculata* Heylaerts has not been examined by Holloway neither by László *et al.*, (2010) as the type was not found in Naturalis, Leiden.

77. *Nola sikkima* (Moore, 1888)

Roeselia sikkima Moore, 1888, *Description of new Indian Lepidopterous Insects from the Collection of the late Mr. W. S. Atkinson* **1888**: 287.

Nola sikkima (Moore, 1888): László *et al.*, 2010, *Esperiana* **15**: 52.

TL: Darjeeling, Sikkim, [West Bengal] India. Lectotype (♀) designated by László *et al.*, (2010).

TD: BMNH.

Distribution in India: West Bengal, Darjeeling (Moore 1888). **Elsewhere:** Supposedly endemic to Sikkim, specimens from East Nepal are deposited in the MWM.

78. *Nola spinivesica* Holloway, 2003

Nola spinivesica Holloway, 2003, *The Moths of Borneo* **18**: 58.

TL: Gunong Mulu National Park, Sarawak. Holotype (♂).

TD: BMNH.

Distribution in India: India (without closer geographical information) (Holloway 2003). **Elsewhere:** Borneo, Bali (Holloway 2003).

79. *Nola spreta* Butler, 1880

Nola spreta Butler, 1880, *Proceedings of the Zoological Society of London* **1880**: 671.

Nola minuta Hampson, 1891, *Illustrations of Typical Specimens of Lepidoptera Heterocera in the Collection of the British Museum* **8**: 4, 48.

Nola hampsoni Kirby, 1892, *A Synonymic Catalogue of Lepidoptera Heterocera – Moths* **1**: 376.

TL: [Taiwan] Formosa. Holotype (♂).

TD: BMNH.

Distribution in India: Nilgiris, Nagas, Assam, Margharita (Hampson 1894). **Elsewhere:** Taiwan (Butler 1880, László *et al.*, 2014).

80. *Nola suffusa* (Hampson, 1900)

Celama suffusa Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* **2**: 18-19.

Nola suffusa (Hampson, 1900): Poole, 1989, *Lepidoptera Catalogus*, 118.

TL: Sikkim, India. Syntypes (1♂, 1♀).

TD: BMNH.

Distribution in India: Sikkim (Hampson 1900).

Elsewhere: Supposedly endemic to Sikkim.

81. *Nola taeniata* Snellen, 1875

Nola taeniata Snellen, 1875, *Tijdschrift voor Entomologie*, **18**: 63.

Nola candida Butler, 1879, *Illustrations of typical specimens of Lepidoptera Heterocera in the Collection of the British Museum* **3**: 9.

Roeselia fragilis Swinhoe, 1890, *Transactions of the Entomological Society of London* **1890**: 184.

Sorocostia mesozona Lucas, 1890, *Proceedings of the Linnean Society of New South Wales* (2), **4**: 1075.

TL: Sulawesi [Celebes]. Syntypes.

TD: Naturalis, Leiden

Distribution in India: Punjab (Hampson 1900); Kolkata (Sevasopulo 1948); Indian sub-region (Holloway 2003).

Elsewhere: Indo-Australian Tropics (Holloway 2003); Thailand (Provinces Chiang Mai and Lampang), Sri Lanka, Nepal, China, Taiwan, Japan, Korea, South of Russian Far East, Myanmar, Malaysia (Borneo, Province Sarawak), Brunei, Indonesia (Sulawesi), Philippines, Australia (Kononenko and Pinratana 2013).

Host Plant: *Fimbristylis* (Cyperaceae) and *Ziziphus* (Rhamnaceae) (Piepers and Snellen, 1904, Robinson *et al.*, 2001).

82. *Nola thyrophora* (Hampson, 1914)

Pisara thyrophora Hampson, 1914, *Catalogue of the Amatidae and Arctiidae (Nolinae and Lithosiinae) in the Collection of the British Museum* **1914**: 390.

Nola thyrophora (Hampson, 1914): László *et al.*, 2010, *Esperiana* **15**: 59.

TL: Kanshirei, Formosa [Taiwan]. Holotype (♂).

TD: BMNH

Distribution in India: North India, (Kononenko and Pinratana 2013). **Elsewhere:** Thailand, (László *et al.*, 2010), Taiwan, Bhutan, Myanmar, Malaysia (Borneo, Province Sarawak), Indonesia (Sulawesi), Philippines (Kononenko and Pinratana 2013).

Remarks: Based on the single literature reference (Kononenko and Pinratana 2013) it is not clear whether or not the species occurs in India.

83. *Nola wernerthomasi* László, Ronkay and Witt, 2010

Nola wernerthomasi László, Ronkay and Witt, 2010, *Esperiana* **15**: 53-54.

TL: Chiang Mai, Thailand. Holotype (♂).

TD: MWM.

Distribution in India: Sikkim (Kurseong), Assam (Khasis) (László *et al.*, 2010). *Elsewhere:* Nepal, Vietnam, Thailand (László *et al.*, 2010).

Genus **Proneca** Swinhoe, 1890

Proneca Swinhoe, 1890, *Transactions of the Entomological Society of London*, **1890**: 193.

Type-species: *Proneca fola* Swinhoe, 1890, by monotypy.

84. **Proneca fola** Swinhoe, 1890

Proneca fola Swinhoe, 1890, *Transactions of the Entomological Society of London* **1890**: 194.

TL: Thyetmyo, Burma. Lectotype (♀) designated (as type) by Hampson, 1900.

TD: BMNH.

Distribution in India: Kolkata (Sevastopulo 1938), (Holloway 2003). *Elsewhere:* Burma, Sri Lanka, India, Vietnam, Singapore, Borneo, Java (Holloway 2003).

Host Plant: *Quisqualis*, *Terminalia* (Combretaceae) (Robinson *et al.*, 2001); *Melastoma* (Melastomataceae) and *Eugenia* (Myrtaceae) from Java (Piepers and Snellen 1904).

Remarks: Distribution of the species as suggested by László *et al.*, (2015) covers Indochina (Burma, Thailand, Laos and Cambodia), Island of Sri Lanka and the north-western part of the Sundaland (Sumatra and Borneo). However, the species was reared at Kolkata by Sevastopulo in 1938.

Genus **Sarbenia** Walker, 1862

Sarbenia Walker, 1862, *Journal of the Proceedings of the Linnean Society (Zoology)* **6**: 137.

Type-species: *Sarbenia lignifera* Walker, 1862 (by monotypy).

85. **Sarbenia hollowayi** László, Ronkay and Witt, 2004

Sarbenia hollowayi László, Ronkay and Witt, 2004, *Entomofauna* **25**(18): 285.

TL: Ban Khom, Que Phong, Province Nghe An, Vietnam. Holotype (♂).

TD: MWM.

Distribution in India: Assam, Garampani, Nambor Reserve Forest; Sikkim (László *et al.*, 2004). *Elsewhere:* Thailand, Nepal, Philippines, Sumatra, Malaysia, Sri Lanka, Malaya, Papua New Guinea, Irian Java, Solomon Island (László *et al.*, 2004).

Remarks: Kononenko and Pinratana (2013) provided incomplete distribution information referring to Thailand and North Vietnam only.

86. **Sarbenia lignifera** Walker, 1862

Sarbenia lignifera Walker, 1862, *Journal of the Proceedings of the Linnean Society (Zoology)* **6**: 137.

TL: Sarawak, Borneo. Lectotype, (♂) designated (as type) by Swinhoe (1900).

TD: UM, Oxford.

Distribution in India: Bombay (Strand 1920); NE Himalaya (Holloway 2003). *Elsewhere:* SE Asia, Borneo, Sumatra, Indo-Australian topics to Solomons (Holloway 2003); Vietnam, Peninsular Malaysia, Thailand, Philippines (László *et al.*, 2004).

Host Plant: *Terminalia* (Holloway 2003).

Remarks: Snellen (1904) misspelled *Sarbenia lignifera* as *S. signifera* Walker.

87. **Sarbenia ustipennis** (Hampson, 1895)

Cyphotopsyche ustipennis Hampson, 1895, *Transactions of the Entomological Society of London* **1895**: 297.

Sarbenia ustipennis (Hampson, 1895): László *et al.*, 2004, *Entomofauna* **25**(18): 292-293.

TL: Bhutan. Lectotype, male, designated (as "type") by Hampson (1900).

TD: BMNH.

Distribution in India: Lowlands and hilly regions of India (László *et al.*, 2004). *Elsewhere:* Thailand, Taiwan, Japan, Nepal, Sri Lanka, Bhutan, Indochina (László *et al.*, 2004).

Remarks: The occurrence of the species in India requires confirmation, although it is rather likely as specimen from East Sindhuli, Nepal was found in the collection of the BMNH by the third author, which locality lays about 50 km from the Indian border.

Genus **Spininola** László, Ronkay and Witt, 2010

László, Ronkay and Witt, 2010, *Esperiana* **15**: 64.

Type species: *Nola loxoscia* Hampson, 1900.

88. **Spininola denticulata** (Moore, 1888)

Roeselia denticulata Moore, 1888, *Description of new Indian Lepidopterous Insects from the Collection of the late Mr. W. S. Atkinson* **1888**: 287.

Spininola denticulata (Moore, 1888): László *et al.*, 2014, *Fibigeriana Supplement* **2**: 120.

TL: Calcutta, [Kolkata] India. Lectotype (♂) designated by László *et al.* (2014) is from Darjeeling.

TD: BMNH.

Distribution in India: Kolkata, Darjeeling (Moore 1888); Sikkim, Nagaland (Hampson 1894). *Elsewhere:* Nepal (Inoue 1998).

89. *Spininola fuscibasalis* (Hampson, 1896)

Pisara fuscibasalis Hampson, 1896, *Fauna of British India Moths* 4: 505.

Spininola fuscibasalis (Hampson, 1896): László *et al.*, 2014, *Fibigeriana Supplement* 2:120.

TL: Puttalam, Sri Lanka. Holotype (♂).

TD: BMNH.

Distribution in India: Kolkata (Sevastopulo 1938). *Elsewhere:* Sri Lanka, Burma (Hampson 1900); Nepal (Inoue 1998); Vietnam (László *et al.*, 2014).

90. *Spininola loxoscia* (Hampson, 1900)

Nola loxoscia Hampson, 1900, *Catalogue of the Lepidoptera Phalaenae in the British Museum* 2: 33.

Spininola loxoscia (Hampson, 1900): László *et al.*, 2014, *Fibigeriana Supplement* 2:120.

TL: Sikkim (7000 ft.), India. Holotype (♂).

TD: BMNH.

Distribution in India: Sikkim (Hampson 1900). *Elsewhere:* Nepal (Inoue 1998); Thailand (László *et al.* 2010); China (Hu *et al.*, 2012).

Genus *Suerkenola* László, Ronkay and Witt, 2010
Suerkenola László, Ronkay and Witt, 2010, *Esperiana* 15: 27.

Type species: *Suerkenola longiventris* Pujade, 1886

91. *Suerkenola longiventris* (Pujade, 1886)

Nola longiventris Pujade, 1886, *Bulletin de la Société Entomologique de France* 6(6): 151.

Barasa suffida Swinhoe, 1919, *Annals and Magazine of Natural History* (9)4: 120.

Suerkenola longiventris (Pujade, 1886): László *et al.*, 2010, *Esperiana* 15: 27.

TL: Moupin, Tibet [China, Sichuan]. Holotype (♂).

TD: MNHN, Paris.

Distribution in India: Meghalaya, Khasis (László *et al.*, 2010). *Elsewhere:* Thailand, Tibet (László *et al.*, 2010).

Discussion

This study updates knowledge about various taxa of subfamily Nolinae from India. As such, no concrete data is available on the number of species of family Nolidae from this country. The present checklist will act as baseline data to strengthen the taxonomic account of Nolidae from this region. As we have started working on a project on taxonomic studies of family Nolidae from North East India, we expect many new records and new species during the future field surveys.

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