Original article

Taxonomic review of the superfamily Pyraloidea in Bhutan (Lepidoptera)

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ABSTRACT

The result of an investigation of the lepidopteran fauna of Central and Southern Bhutan (Bumthang, Dagana, Trongsa, Tsirang, and Sarpang districts) is presented in this study. The investigation was the part of the Invertebrate Documentation Project of Bhutan initiated by the National Biodiversity Center, Thimphu, funded by the Bhutan Trust Fund for Environmental Conservation, Thimphu. The checklist was based on the systematic collections by light trapping at nine locations and the occasional collections from native forest and gardens within the five districts of Central and Southern Bhutan. The specimens were photographed and collected as specimens for future identification and reference. A list of 182 species belonging to families Crambidae and Pyralidae is presented, including 92 species as new records for the country. All the studied specimens are deposited at “Invertebrate Referral Collection Center” at the National Biodiversity Center, Thimphu.

Introduction

Bhutan is a landlocked country placed between India and Tibet (China) on the southern slopes of the Himalayan range. The country lies on the border between Oriental and Palearctic regions and hence is considered very rich in terms of lepidopteran diversity. The altitudes range from 200 m in the southern foothills to more than 7000 m in the northern part of country. The lowland parts are inhabited by typical Oriental species, whereas Palearctic species are known to be from high altitudes. But there is a lack of information on the Lepidoptera fauna of Bhutan. Few works on the moths of Bhutan have been found at “The Fauna of British India” series (Hampson 1892, 1894, 1895, 1896a) but the information is insufficient. Sir George Hampson (1899) reported 75 species of Pyraloidea, which are the only available records on Pyraloidea of Bhutan. In neighboring countries, a significant amount of work on moths has been conducted. Robinson et al (1995) and Yamanaka (1995, 1998, 2000) have reported the presence of 558 species of Pyraloidea from Nepal through the specimens from the collection of the Natural History Museum, London and the late Mr T. Haruta and Mr S. Sakurai. Kirti and Sodhi (2001) reported the presence of 102 species of Pyraustinae in the state of Arunachal Pradesh (India) and Bhattacharya (1997) reported 72 species from West Bengal (India) which gives us the rich diversity of this family in the area. However, no information on Pyraloidea fauna is known from Bhutan. Thus, to fill up this gap in knowledge of the fauna, here we present the first checklist on Pyraloidea of Bhutan. The present checklist is based on the study conducted by the authors in Central and Southern parts of Bhutan in the last 2 years (2013–2015).

Materials and methods

During our collection of specimens in Bhutan during 2013–2015, we were able to make a rich collection of Pyraloidea moths. The moth specimens were collected from five districts of Bhutan (Bumthang, Dagana, Trongsa, Tsirang and Sarpang). The moth trapping sites in these districts with Global Positioning System coordinates are provided in the map (Figure 1, Table 1). Field collection of the specimens was carried out using fluorescent bulbs on a white cloth sheet hanging (Figure 2A) and mercury vapor (MV) light traps (Figure 2B) at different sites. Identifications were made by comparison with available literature (Hampson 1896a; Inoue

For all identified species, the general specific information, including references for the original descriptions, material examined, and the local and global distributions of the species are given. Images for adults with their labels are provided (Figures 3A–14). The new records of the species for Bhutan are marked with an asterisk (*) in the systematic list. Specimens of each of the species referred in this paper were deposited at the Invertebrate Referral Collection Centre (IRCC), National Biodiversity Centre (NBC), Thimphu, Bhutan.

**Taxonomic accounts**

Order Lepidoptera Linnaeus, 1758
Family Crambidae Latreille, 1810
Subfamily Acentropinae Stephens, 1836

**Eoophyla peribocalis** (Walker, 1859b) *(Figure 3A)*

**Cataclysta peribrocalis** Walker, 1859b: 446

*Material examined.* Bhutan, 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 12 ix 2014 (J.S.

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**Figure 1.** Map showing the districts in Bhutan where the light trapping of moths were set up during October 2013 to October 2015. N = north.

**Figure 2.** Light traps used during the study: A, Plain cloth sheet trap with fluorescent lamp; B, mercury vapour lamp light trap.

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Table 1. Geographic coordinates of collection localities in Bhutan.

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Locality</th>
<th>Latitude (N)</th>
<th>Longitude (E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mendrelgang</td>
<td>26°57'0.57&quot;N</td>
<td>90°06'51.78&quot;E</td>
</tr>
<tr>
<td>2</td>
<td>Damphu</td>
<td>27°00'24.81&quot;N</td>
<td>90°07'26.59&quot;E</td>
</tr>
<tr>
<td>3</td>
<td>Dagana</td>
<td>27°01'56.23&quot;N</td>
<td>89°53'16.54&quot;E</td>
</tr>
<tr>
<td>4</td>
<td>Dagapela</td>
<td>26°56'27.83&quot;N</td>
<td>89°55'22.75&quot;E</td>
</tr>
<tr>
<td>5</td>
<td>Sarpang</td>
<td>26°53'51.15&quot;N</td>
<td>90°12'44.09&quot;E</td>
</tr>
<tr>
<td>6</td>
<td>Gelephu</td>
<td>26°55'41.36&quot;N</td>
<td>90°30'22.08&quot;E</td>
</tr>
<tr>
<td>7</td>
<td>Trongsa</td>
<td>27°27'20.59&quot;N</td>
<td>90°29'22.75&quot;E</td>
</tr>
<tr>
<td>8</td>
<td>Langthel</td>
<td>27°21'05.40&quot;N</td>
<td>90°34'17.61&quot;E</td>
</tr>
<tr>
<td>9</td>
<td>Bumthang</td>
<td>27°32'44.6&quot;N</td>
<td>90°43'30.5&quot;E</td>
</tr>
</tbody>
</table>

Sr. = Serial.

Irungbam and M.S. Chib); 19, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 20, Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

_Eoophyla sejunctalis_ (Snellen, 1876)* (Figure 3B)
Oligosymbola sejunctalis Snellen, 1876: 196 (key), 207, pl. 9, fig. 11a-c

Material examined. Bhutan 15, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 20, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 15, Sarpang, 15 ix 2014 (J.S. Irungbam and M.S. Chib); 16, Dagana, 21 iii 2014 (J.S. Irungbam and M.S. Chib); 17, Gelephu, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 18, Bumthang, 10 ix 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Sarpang, Gelephu), India, Sri Lanka, China, Thailand (Hampson 1896a; Li et al. 2003).

Remarks. This species is reported for the first time from Bhutan.

_Eristena auropunctalis_ (Hampson, 1903)
Oligosymbola auropunctalis Hampson, 1903: 210

Material examined. No specimen found during study.

Distribution. Bhutan (Hampson 1896a).

Remarks. The species was not found during the study. This genus is indicative of unpolluted streams (Kendrick 2002).

_Eristena bifurcalis_ (Pryer, 1877)* (Figure 3C)
Cataclysta bifurcalis Pryer, 1877: 232, pl. 4, fig. 4.

Material examined. Bhutan 20, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 21, Dagana, 21 iii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Damphu, Dagana), China, Hong Kong (Chen et al 2006b; Kendrick 2002).

Remarks. This species is reported for the first time from Bhutan.

_Hyaloplagia pulchralis_ (Moore, 1867)* (Figure 3D)
Hydrocampula pulchralis Moore, 1867: 90

Material examined. Bhutan 16, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 17, Dagapela (Dagana), 18 v 2015 (J.S. Irungbam); 18, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Dagana, Dagapela, Gelephu), Nepal, India (North East) (Yamanaka 1998).

Remarks. This species is reported for the first time from Bhutan.

_Paraponyx fluctuosalis_ (Zeller, 1852)* (Figure 3E)
_Nymphula fluctuosalis_ Zeller, 1852: 27

Material examined. Bhutan 20, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 21, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 16, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 17, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 18, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This is a new record from Bhutan and recorded from all the study areas. _Oryza sativa_ L., and _Nymphulae_ spp. are the few known host plants of this species (Chen et al 2006c).

_Paraponyx stagnalis_ (Zeller, 1852)* (Figure 3F)
_Nymphula stagnalis_ Zeller, 1852: 26

Material examined. Bhutan 18, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 19, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 23, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 24, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal, India, Myanmar, Thailand, W. Malaysia, Singapore, Sumatra, Java, Bali, Sabah, Sarawak, Philippines (Chen et al 2006c; Hampson 1896a; Robinson et al 1994; Yamanaka 2000).

Remarks. This species is reported for the first time from Bhutan. _Oryza sativa_ L., _Panicum_ sp., _Eragrostis_ sp., and _Paspalum_ sp. are the few known host plants of this species (Chen et al 2006c).

_Strepsionima croesusalis_ Walker, 1859b* (Figure 3G)
_Cataclysta croesusalis_ Walker, 1859b: 449

Material examined. Bhutan 21, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 18, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 19, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 20, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), India, China, Hong Kong, Andaman Island, Thailand, West Malaysia, Sabah, Sarawak, Kalimantan, Australia (Caradja and Meyrick 1933; Kendrick 2002; Robinson et al 1994).

Remarks. This species is reported for the first time from Bhutan.

Subfamily Crambinae Latreille, 1810

_Calamotropha latellus_ (Snellen, 1890)* (Figure 3H)
_Crambus latellus_ Snellen, 1890: 644

Material examined. Bhutan 22, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 15, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 22, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 16, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 17, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Sarpang, Gelephu), India, Myanmar (_Savela_ 2016).

Remarks. This species is reported for the first time from Bhutan.
Calamotropha argentilia (Hampson, 1896b)
Crambus argentilia Hampson, 1896b: 937

Material examined. Not available.
Distribution. Bhutan, India, Sri Lanka (Hampson 1896b; Savela 2016).

Glaucocaris minutalis (Hampson, 1893)
Ditomoptera minutalis Hampson, 1893: 179, pl. 174, fig. 31.

Material examined. Not available.
Distribution. Bhutan, India, Sri Lanka (Hampson 1896a).

Gargela renatusalis (Walker, 1859b)
Zebronia renatusalis Walker, 1859b: 484

Material examined. Not available.
Distribution. Bhutan, India, Brunei, Sabah, Sarawak, Kalimantan (Hampson 1896a; Robinson et al 1994).
Remarks. The species was not found during the study.

Subfamily Cybalomiinae Marion, 1955

Trichophysetis gracilentalis (Swinhoe, 1890)
Callinia gracilentalis Swinhoe, 1890: 287, pl. 8, fig. 6

Material examined. Not available.
Distribution. Bhutan, Myanmar (Hampson 1896a).
Remarks. The species was not found during the study.

Subfamily Musotiminae Meyrick, 1884

Figure 3. Adults of family Crambidae (Acentropinae, Crambinae): A, Eoophyla peribocalis Walker, 1859; B, Eoophyla sejunctalis Snellen, 1876; C, Eristena bifurcalis (Pryer, 1877); D, Hyaloplaga pulchralis (Moore, 1867); E, Paraponyx fluctuosalis Zeller, 1852; F, Paraponyx stagnalis Zeller, 1852; G, Strepsinoma croesusalis Walker, 1859; H, Calamotropha latella Snellen, 1890.

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**Uthinia albisignalis (Hampson, 1896a)** (Figure 4A)

Orphanophanes albisignalis Hampson, 1896a:231

Material examined. Bhutan 1♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Langthel (Trongsa), 12 ix 2013 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

**Neurophyseta irrectalis (Guénée, 1854)**

Cymoriza irrectalis Guénée, 1854: 272, pl. 9, fig. 4.

Material examined. Not available.

Distribution. Bhutan, North East India, Taiwan (Hampson 1896a).

Remarks. The species was not found during the study.

**Drosophantis caeruleata (Hampson, 1893)**

Ambia caeruleata Hampson, 1893: 1–182, pls. 157–176.

Material examined. Not available.


Remarks. The species was not found during the study.
Subfamily Odontiinae Guenée, 1854

Autocharis fessalis (Swinhoe, 1886)
*Glyphodes fessalis* Swinhoe, 1886: 459, pl. 41, fig. 13

Material examined. Bhutan 1♀, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Gelephu), India, Pakistan, Democratic Republic of Congo, the Seychelles, South Africa, the United Arab Emirates, Yemen (Hampson 1896a).

Remarks. Usually attracted to light.

Heortia vitessoides (Moore 1885)* (Figure 4B)
*Tyssana vitessoides* Moore (1883): 256, pl. 178, fig. 3a

Material examined. Bhutan 3♂, Mendrelgang (Tsirang), 20 iv 2015 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Trongsa, 23 viii 2014 (K. Wangdi); 2♀, Bumthang, 20 vi 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu, Trongsa, Bumthang), North East India, Sri Lanka, Myanmar, China, Hong Kong, Thailand, West Malaysia, Sumatra, Brunei, Sabah, Sarawak, Kalimantan (Caradja and Meyrick 1933; Hampson 1896a; Kendrick 2002; Nakao 2015; Robinson et al 1994).

Remarks. This species is reported for the first time from Bhutan. Common in woodland and shrubland, sometimes abundant;
multivoltine, recorded throughout the year, with peaks in February, June, July, August, October, November, and December (Kendrick 2002).

**Hyalinarcha hyalinalis (Hampson, 1896a)**

*Boeotarcha hyalinalis* Hampson, 1896a: 419

*Material examined.* Not available.

*Distribution.* Bhutan, the Andaman Islands (Hampson 1896a).

*Remarks.* The species was not found during the study.

**Subfamily Pyraustinae Meyrick, 1890**

**Circobotys occultilinea (Walker, 1863)**

*Crambus occultilinea* Walker, 1863: 168

*Material examined.* Not available.

*Distribution.* Bhutan, India, West Malaysia, Sumatra, Sabah, Sarawak, Philippines (Robinson et al 1994).

*Remarks.* The species was not found during the study.

**Circobotys limbata Moore, 1888**

*Circobotys limbata* Moore, 1888: 220, pl. 7, fig. 24.

*Material examined.* Not available.

*Distribution.* Bhutan, North East India (Hampson 1896a).

*Remarks.* The species was not found during the study.

**Crocidophora fasciata (Moore, 1888)** (Figure 4C)

*Hapalia fasciata* Moore, 1888: 223, pl. 7, fig. 20.

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Material examined. Bhutan 29, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 19, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 19, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 39, Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Damphu, Dagana, Sarpang, Gelephu), India, Nepal (Hampson 1896a; Yamanaka 1995).

Remarks. This species was reported for the first time from Bhutan.

**Crocidophora lutusalis** Snellen, 1890

*Crocidophora lutusalis* Snellen, 1890: 597

Material examined. Not available.

Distribution. Bhutan, India, Canara Island (Hampson 1896a).

**Remarks.** The species was not found during the study.

**Cryptiptya colesalis** (Walker, 1859c)

*Botys colesalis* Walker, 1859c: 701–702

Material examined. Not available.


Remarks. The species was not found during the study.

**Daulia afralis** Walker, 1859d

*Daulia afralis* Walker, 1859d: 975–976

Material examined. Bhutan 1♂, Mendrelgang (Tsirang), 12 iv 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang), South India, Myanmar, China, Borneo, Hong Kong, Kalimantan (Hampson 1896a; Wang et al 1981; Kendrick 2002).

Remarks. Occasionally found the specimen during the study.

Diathrausta profundalis Lederer, 1863* (Figure 4D)

Diathrausta profundalis Lederer, 1863: 438, pl. 2, fig. 24, pl. 17, fig. 7.

Material examined. Bhutan 1♂, Mendrelgang (Tsirang), 12 iv 2015 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal, India, Sumbawa, Hong Kong (Hampson 1896a; Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

Remarks. This species is reported for the first time from Bhutan.

Epiparbattia gloriosalis whalleyi Munroe and Mutuura, 1971* (Figure 4E)

Epiparbattia gloriosalis whalleyi Munroe and Mutuura, 1971: 506, figs. 3, 4, 6, 8.

Material examined. Bhutan 2♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 16 ix 2014 (J.S. Irungbam...
and M.S. Chib); 2♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Sarpang, Gelephu), India, China, Nepal (Yamanaka 2000).

**Remarks.** This species is reported for the first time from Bhutan.

*Erpis macularis* Walker, 1863* (Figure 4F)

*Erpis macularis* Walker, 1863: 133

**Material examined.** Bhutan 2♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang), Borneo, W. Malaysia, Java, Brunei, Sabah, Sawaral (Robinson et al 1994).

**Remarks.** The identity of the specimen is doubtful. Temporarily the specimen is identified as *E. macularis* and it is reported for the first time from Bhutan.

*Hyalobathra miniosalis* (Guenée, 1854)* (Figure 4G)

*Ebulea miniosalis*, Guenée, 1854: 362

**Material examined.** Bhutan 2♂, 2♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 15 viii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu), India, Indonesia (Java), Australia (Kendrick 2002; Robinson et al 1994).
Remarks. This species is reported for the first time from Bhutan.

Neudeloides glaucoptera (Hampson, 1896a)
Adeloides glaucoptera Hampson, 1896a: 395

Material examined. Not available.
Distribution. Bhutan (Hampson 1896a).
Remarks. Endemic to Bhutan. The species was not found during the study.

Pachynoa sabelialis (Guenée, 1854)* (Figure 4H)
Botys sabelialis Guenée, 1854: 326

Material examined. Bhutan 2♂, Mendrelgang (Tsirang), 23 viii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).
Distribution. Bhutan (Mendrelgang, Damphu, Dagana), India, Nepal, China, Hong Kong, Malaysia, Borneo, Taiwan, Japan (Kendrick 2002; Yamanaka 2000).
Remarks. This species is reported for the first time from Bhutan.

Pachynoa xanthochyta (Turner, 1933)* (Figure 14D)
Hypermeces xanthochyta Turner, 1933: 170

Material examined. Bhutan 3♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).
Distribution. Bhutan (Mendrelgang, Sarpang), Asia, Australia (Queensland) (Turner 1933).
Remarks. This species is reported for the first time from Bhutan.

**Pagyda salvalis** Walker, 1859b* (Figure 5A)

*Material examined.* Bhutan 1♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagapela (Dagana), 20 iv 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


*Remarks.* This species is reported for the first time from Bhutan.

**Paratalanta aureolalis** (Lederer, 1863)

*Botys aureolalis* Lederer, 1863: 375, 473

*Material examined.* Not available.

*Distribution.* Bhutan, Himalayas, Andaman Island (Hampson 1896a).

*Remarks.* The species was not found during the study.

**Peribona venosa** (Butler, 1889)

*Heterocnephes venosa* Butler, 1889: 98, pl. 135, fig. 10.

*Material examined.* Bhutan 1♂, Dagana, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Langthel (Trongsa), 12 ix 2013 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Dagana, Langthel), Himalayas and Java (Hampson 1898).

*Remarks.* This species usually attracted to light during rainy season.
Limbobotys limbolalis (Moore, 1877)  
Asopia limbolalis Moore, 1877: 615  

Material examined. Not available.  
Distribution. Bhutan, North East India, Myanmar, Andaman Island (Hampson 1896a).  
Remarks. The species was not found during the study.  

Subfamily Schoenobiinae Duponchel, 1846  

Brihaspa atrostigmella sinensis Caradja, 1933  
Brihaspa atrostigmella sinensis Caradja, 1933: 142  

Material examined. Bhutan 1♀, Mendrelgang (Tsirang), 20 iv 2015 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Bumthang, 20 vi 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).  
Distribution. Bhutan (Mendrelgang, Sarpang, Gelephu, Bumthang), India, Bangladesh, China, Myanmar, Thailand, Vietnam (Chen and Wu 2014; Nakao 2015; Robinson et al 1994).  
Remarks. This species is usually attracted to light and vary common in all the study area.  

Ramila angustifimbrialis (Swinhoe, 1890)  
Crambostenia angustifimbrialis Swinhoe, 1890: 293  

Material examined. Bhutan 2♀, Mendrelgang (Tsirang), 20 viii 2013 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 24 vi 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).
Distribution. Bhutan (Mendrelgang, Damphu), Nepal, India, Myanmar, China (Taiwan), Thailand (Chen and Wu 2014; Nakao 2015; Robinson et al 1994; Yamanaka 1998).

Remarks. This species is usually attracted to light and very common in the study area.

Scirpophaga excerptalis (Walker, 1863)

Chilo excerptalis Walker, 1863: 142
Scirpophaga monostigma Zeller, 1863: 3

Material examined. Not available.


Remarks. The species was not found during the study.

Scirpophaga auristrigellus (Hampson, 1896b)
Schoenobia auristrigellus Hampson, 1896b: 916

Material examined. Not available.

Distribution. Bhutan, India, China (Chen and Wu 2014; Hampson 1896b).

Remarks. Not found during the study.

Scirpophaga flavidorsalis (Hampson, 1919)
Topeutis flavidorsalis Hampson, 1919: 319
Material examined. Not available.

Distribution. Bhutan, India, Bangladesh, China, Thailand, West Malaysia, Java, Philippines, New Guinea, Australia (Chen and Wu 2014).

Remarks. The species was not found during the study.

Subfamily Spilomelinae Guenée, 1854

**Glyphodes bivitralis** Guenée, 1854* (Figure 5B)

*Material examined. Bhutan 1♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib); 2♂, Langthel (Trongsa), 14 x 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

**Glyphodes canthusalis** Walker, 1859b* (Figure 5C)

*Material examined. Bhutan 1♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 14 iv 2014 (J.S. Irungbam); 2♀, Gelephu (Sarpang), 10 x 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

**Glyphodes crithealis** (Walker, 1859b) (Figure 5D)

*Material examined. Bhutan 2♂, Mendrelgang (Tsirang), 8 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Damphu (Tsirang), 21 iii 2015 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 14 iv 2014 (J.S. Irungbam); 2♀, Gelephu (Sarpang), 10 x 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

**Glyphodes harutai** Yamanaka, 1998* (Figure 5E)

*Material examined. Bhutan 2♂, Mendrelgang (Tsirang), 7 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan and range extension of the species eastward to Bhutan from Nepal.

**Glyphodes onychinalis** (Guenée, 1854) (Figure 5F)

*Material examined. Bhutan 1♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 14 iv 2014 (J.S. Irungbam); 2♀, Gelephu (Sarpang), 10 x 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).


Very common in the study area.

**Glyphodes stolalis** Guenée, 1854* (Figure 5G)

*Material examined. Bhutan 2♂, Mendrelgang (Tsirang), 8 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 21 iii 2015 (J.S. Irungbam and M.S. Chib).

**Figure 14. Adults of family Pyralidae (Pyralinae): A, Pyralis pictalis** (Curtis, 1834); **B, Vitessa suradeva** Moore, 1860; **C, Zitha torridalis** (Lederer, 1863). Adults of family Crambidae (Pyraustinae). **D, Pachynoa xanthochyta** (Turner, 1933).
Irungbam and M.S. Chib); 1♂, Dagana, 14 iv 2014 (J.S. Irungbam); 1♂,1♀, Sar pang, 20 vii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 10 x 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Dagana, Sar pang, Gelephu), India, Sri Lanka, Nepal, Myanmar, Thailand, China, Japan, W. Malaysia, Sumatra, Java, Borneo, Philippines, Sulawesi, New Guinea, Australia, the Solomon Islands (Robinson et al. 1994; Yamanaka 1995; Yamanaka 1998; Sterling and Kendrick 2011).

Remarks. This species is reported for the first time from Bhutan.

*Patyrus calatalaris* (Walker, 1859c) (Figure 5H)

Botys calatalaris Walker, 1859c: 651

Material examined. Bhutan 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Sar pang, 23 v 2015 (J.S. Irungbam and M.S. Chib); 1♀, Trongsa, 25 iii 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Trongsa, Sarpang, Gelephu), Nepal, India, South China, Taiwan, Hong Kong, New Guinea, Australia (Wang and Speidel 2000; Kendrick 2002).

Remarks. This species is reported for the first time from Bhutan.

*Agrotera basinotata* Hampson, 1891 (Figure 6D)

Botys basinotata Hampson, 1891: 39, 137, pl. 155, fig. 13.

Material examined. Bhutan 2♂, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sar pang, 23 v 2015 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan. Common in woodland and one record from beach shrubland.

*Agrotera discinotata* Swinhoe, 1894a

Botys discinotata Swinhoe, 1894a: 207–208

Material examined. Not available.

Distribution. Bhutan, North East India (Hampson 1896a).

Remarks. The species was not found during the study.

*Arthrosticha hilaralis* (Walker, 1859c) (Figure 6E)

Margaronia hilaralis Walker, 1859c: 532

Material examined. Bhutan 2♂, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, India, Sri Lanka, Myanmar, Cambodia, Sumatra, Borneo, Australia (Walker 1859; Robinson et al. 1994; Savela 2016).

Remarks. This species is reported for the first time from Bhutan.

*Bocchoris inspersalis* (Zeller, 1852)

Botys inspersalis Zeller, 1852: 33

Material examined. Not available.


Remarks. The species was not found during the study.

*Botyodes asiatis* Gueneé, 1854 (Figure 6F)

Botys asiatis Gueneé, 1854: 321

Material examined. Bhutan 1♂, 3♀, Mendrelgang (Tsirang), 20 iv 2014 (J.S. Irungbam and M.S. Chib); 2♂, 1♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, 2♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sar pang, 16 iv 2014 (J.S. Irungbam and M.S. Chib); 3♀, Bumthang, 21 ix 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Dagana, Sar pang, Bumthang), Nepal, India, Sri Lanka, China, Thailand, Hong Kong, Singapore, Sarawak, Philippines, New Guinea, Australia, Africa
**Botyodes caldusalis Walker, 1859c** (Figure 6G)

Botyodes caldusalis Walker, 1859c: 650

*Material examined.* Bhutan 4♂, 1♀, Mendrelgang (Tsirang), 15 x 2014 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 20 x 2014 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Dagana, Sarpang, Gelephu), Nepal, China, Hong Kong (Caradja and Meyrick 1933; Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

*Remarks.* This species is reported for the first time from Bhutan.

**Botyodes crocopteralis**

Botyodes crocopteralis Hampson, 1899* (Figure 6H)

Botyodes crocopteralis Hampson, 1899: 710

*Material examined.* Bhutan 2♂, 1♀, Damphu (Tsirang), 20 x 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 18 ix 2015 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Dagana, Sarpang), Nepal, North East India, Myanmar, Thailand. (Yamanaka 1995; Yamanaka 2000).

*Remarks.* This species is reported for the first time from Bhutan.

**Uncobotyodes patulalis**

(Walker, 1866a)* (Figure 7A)

Botys patulalis Walker, 1866a: 119

*Material examined.* Bhutan 29, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 vii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


*Remarks.* This species is reported for the first time from Bhutan.

**Endocrosis flavibasisalis**

(Moore, 1867)* (Figure 7B)

Botyodes flavibasisalis Moore, 1867: 96

*Material examined.* Bhutan 29, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 viii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal, India, China, Hong Kong (Caradja and Meyrick 1933; Kendrick 2002).

*Remarks.* This species is reported for the first time from Bhutan.

**Bradina diagonalis**

Guenée, 1852* (Figure 7C)

Sallia diagonalis Guenée, 1852: 201

*Material examined.* Bhutan 29, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 viii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib); 2♂, Bumthang, 23 iv 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu, Bumthang), India, Taiwan, Myanmar, W. Malaysia, Sumatra, Java, Sabah (Robinson et al 1995).

*Remarks.* This species is reported for the first time from Bhutan.

**Bradina subpurpurescens**

(Warren, 1896a)

Pleonectusa subpurpurescens Warren, 1896a: 147–148

*Material examined.* Not available.

*Distribution.* Bhutan, North East India (Hampson 1896a).

*Remarks.* The species was not found during the study.

**Cirrhochrista brizoalis**

(Walker, 1859d)* (Figure 7D)

Margaronia brizoalis Walker, 1859d: 1001

*Material examined.* Bhutan 29, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Bumthang, 18 v 2015 (K. Wangdi); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Damphu, Bumthang, Dagana, Gelephu), Nepal, India, Nicobar Island, China, Japan, Borneo, Hong Kong, Macau, Sulawesi, Australia (Caradja and Meyrick 1933; Wang et al 1981; Chandra 1996; Easton and Pun 1996; Yamanaka 1998; Kendrick 2002).

*Remarks.* This species is reported for the first time from Bhutan.

**Cirrhochrista fumipalpis**

Felder and Rogenhofer, 1875* (Figure 7E)

Cirrhochrista fumipalpis Felder and Rogenhofer, 1875: pl. 135, fig. 31.

*Material examined.* Bhutan 29, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


*Remarks.* This species is reported for the first time from Bhutan.

**Cirrhochrista fuscusa**

Chen et al, 2006a* (Figure 7F)


*Material examined.* Bhutan 29, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, China, Taiwan (Chen et al 2006a).

*Remarks.* This species is reported for the first time from Bhutan.

**Cirrhochrista semibrunnea**

Hampson, 1896a

Cirrhochrista semibrunnea Hampson, 1896a: 918

*Material examined.* Bhutan 29, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 15 v 2015 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Gelephu) (Hampson 1896a).

*Remarks.* Occasionally found during the study.

**Cnaphalocrosis medinalis**

(Guenée, 1854)* (Figure 7G)

Salbia medinalis Guenée, 1854: 201

*Material examined.* Bhutan 29, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 viii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib); 2♂, Bumthang, 23 iv 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

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Remarks. This species is reported for the first time from Bhutan. Widely distributed throughout India. It is an important defoliating insect of rice crops in Asia. It occurs on *Oryza sativa* as a sporadic pest.

**Conogethes haemactalis** Snellen, 1890

*Conogethes haemactalis* Snellen, 1890: 592

**Material examined.** Not available.

**Distribution.** Bhutan, North East India, Borneo, Sumbawa, Australia (Hampson 1896a).

**Remarks.** The species was not found during the study.

**Conogethes punctiferalis (Guenée, 1854)** *(Figure 7H)*

*Astura punctiferalis Guenée, 1854: 520*

**Materials examined.** Bhutan 29, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1; Dengpu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 2; Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1; Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), Pakistan, Nepal, India, China, Japan, Korea, Hong Kong, Australia (Wang et al 1981; Wu 1984; Liang et al 1989; Liu and Shen 1992; Robinson et al 1995; Chandra 1996; Easton and Pun 1996; Yamanaka 1998; Kendrick 2002).

Remarks. This species is reported for the first time from Bhutan.

**Cotachena nepalensis** Yamanaka, 2000 *(Figure 8A)*

*Botys nepalensis* Yamanaka, 2000: 64, pl. 163

**Materials examined.** Bhutan 1; Mendrelgang (Tsirang), 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1, Damphu (Tsirang), 24 vi 2015 (J.S. Irungbam and M.S. Chib); 2, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1, Sarpang, 15 vii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang), Nepal (Yamanaka 2000).

Remarks. This species is reported for the first time from Bhutan and a new distribution for the species eastward to Nepal.

**Cotachena pubescens** (Warren, 1892) *(Figure 8B)*

*Archernis pubescens* Warren, 1892: 300

**Materials examined.** Bhutan 19, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Dagana, Gelephu), Nepal, Taiwan, China, Indonesia (Yamanaka 1995).

Remarks. This species is reported for the first time from Bhutan.

**Cydalima conchyalis** (Guenée, 1854) *(Figure 8C)*

*Margarodes conchyalis* Guenée, 1854: 303, pl. 8, fig. 9.

**Materials examined.** Bhutan 29, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1, 2, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 2; Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1; Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), India, Sri Lanka, China, Myanmar, Andaman Island, Thailand, West Malaysia, Sumatra, Java, Sabah, Sarawak, Sulawesi, Moluccas, New Guinea, Australia, Samoa, New Hebrides (Robinson et al 1994; Robinson et al 1995).

Remarks. This species is reported for the first time from Bhutan.

**Diaphnia indica** Saunders, 1851 *(Figure 8D)*

*Eudioptes indica* Saunders, 1851: 163

**Materials examined.** Bhutan 2, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 19, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 3, 19, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 1, Trongsa, 12 iii 2014 (K. Wangdi); 2, Bumthang, 12 x 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan. It is occasionally a significant pest of cucurbits and some other plants.

**Dichocrocis bistriagalis** (Walker, 1866a)

*Zebronia bistriagalis* Walker, 1866a: 1348

**Materials examined.** Not available.

**Distribution.** Bhutan, India (Hampson 1896a).

Remarks. The species was not found during the study.

**Dichocrocis defnetia** (Butler, 1889) *(Figure 8E)*

*Haritala defnetia* Butler, 1889: 97, pl. 133, fig. 9.

**Materials examined.** Bhutan 29, Mendrelgang (Tsirang), 20 vii 2014 (J.S. Irungbam and M.S. Chib); 29, Sarpang, 15 v 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Sarpang), Nepal, India (Robinson et al 1995; Yamanaka 2000).

Remarks. This species is reported for the first time from Bhutan.

**Dichocrocis evaxalis** (Walker, 1895d)

*Botys evaxalis* Walker, 1895d: 995

**Materials examined.** Not available.

**Distribution.** Bhutan, North East India, Sri Lanka, Sumatra, Java (Hampson 1896a).

Remarks. The species was not found during the study.

**Dichocrocis zebralis** (Moore, 1867) *(Figure 8F)*

*Pycnarmon zebralis* Moore, 1867: 91, pl. 7, fig. 12.

**Materials examined.** Bhutan 29, Mendrelgang (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 29, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Sarpang, Gelephu, Trongsa), Nepal, China, Hong Kong (Caradja and Meyrick 1933; Yamanaka 2000; Kendrick 2002).

Remarks. This species is reported for the first time from Bhutan.
Materials examined. Bhutan 1♂, 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♂, Damphu (Tsirang), 18 v 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 20 ix 2013 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Dagapela, Gelephu), Nepal (Yamanaka 1998).

Remarks. This species is reported for the first time from Bhutan.

Orthospila orissusalis (Walker, 1859c) (Figure 9H)
Botys orissusalis Walker, 1859c: 701

Materials examined. Bhutan 2♂, Damphu (Tsirang), 18 v 2014 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 20 ix 2013 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Damphu, Dagana, Sarpang, Gelephu), India, Sri Lanka, China, Indonesia, Hong Kong (Caradja and Meyrick 1933; Kendrick 2002).

Remarks. This species is reported for the first time from Bhutan.

Dolicharthria paediusalis (Walker, 1859c)
Scopula paediusalis Walker, 1859c: 788–789

Materials examined. Not available.

Distribution. Bhutan, Congo, South Africa, Yemen (Hampson 1896a).

Remarks. The species was not found during the study.

Filodes fulvidorsalis Hübner, 1832* (Figure 9A)
Pinacia fulvidorsalis Hübner, 1832: 643–644, fig. 15.

Materials examined. Bhutan 2♂, Mendrelgang (Tsirang), 10 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Damphu (Tsirang), 18 v 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

Haritalodes derogata (Fabricius, 1775)* (Figure 9B)
Phalaena derogata Fabricius, 1775: 641

Materials examined. Bhutan 2♂, Mendrelgang (Tsirang), 18 x 2013 (J.S. Irungbam and M.S. Chib); 1♂, Damphu (Tsirang), 12 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 x 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan and is very common in the study area.

Nacoleia chrysorycta (Meyrick, 1884) (Figure 9C)
Semioeces chrysorycta Meyrick, 1884: 320

Materials examined. Bhutan 2♂, Mendrelgang (Tsirang), 18 vi 2013 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 vi 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 vi 2013 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 vii 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), India, Sri Lanka, Myanmar, Japan, Korea, China, Taiwan, Australia (Kim et al 2014).

Remarks. This species is reported for the first time from Bhutan. Adults fly from June to July (Kim et al 2014).

Nacoleia commixta (Butler, 1879)* (Figure 9D)
Samea commixta Butler, 1879: 453

Materials examined. Bhutan 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Bumthang, 18 v 2015 (K. Wangdi); 1♂, Langthel (Trongsa), 23 vii 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan. Adults appear from May to August (Kim et al 2014).

Maruca testulalis (Hübner, 1832)
Crochiphora testulalis Geyer in Hübner, 1832: 12, pl. 109, figs. 629–630.

Materials examined. Not available.


Remarks. The species was not found during the study.

Maruca vitrata (Fabricius, 1787)* (Figure 9E)
Phalaena vitrata Fabricius, 1787: 215

Materials examined. Bhutan 4♂, 3♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 30 ix 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

Massepha absolutalis Walker, 1859b
Massepha absolutalis Walker, 1859b: 489

Materials examined. Not available.

Distribution. Bhutan, India, Sri Lanka (Hampson 1896a).

Remarks. The species was not found during the study.

Mimudea phoenicistis (Hampson, 1896a)
Pionea phoenicistis Hampson, 1896a: 428

Materials examined. Not available.

Distribution. Bhutan, India, Myanmar, and Thailand (Hampson 1896a).

Remarks. The species was not found during the study.

Nausinoe pueritia (Cramer, 1780)* (Figure 9F)
Phalaena pueritia Cramer (1780): 128, pl. 264, fig. F (not E!)
Materials examined. Bhutan 1♂, Mendrelgang (Tirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 31 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

Nauisine geometralis (Gueneé, 1854)* (Figure 9G)

Lepyrodes geometralis Gueneé, 1854: 278, pl. 8, fig. 6.

Materials examined. Bhutan 2♂, Mendrelgang (Tirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

Nevrina procoopia (Stoll in Cramer and Stoll, 1781)* (Figure 9H)

Phalaena procoopia Stoll in Cramer and Stoll, 1781: 152, pl. 368, fig. E.

Materials examined. <Bhutan> 19, Mendrelgang (Tirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

Niphopyralis albida Hampson, 1893

Niphopyralis albida Hampson, 1893: 52, 181, pl. 174, fig. 25.

Materials examined. Not available.

Distribution. Bhutan, India, Sri Lanka, Borneo, Hong Kong (Hampson 1896a; Kendrick 2002).

Remarks. The species was not found during the study.

Nosophora glyphodalis (Walker, 1866a)

Analutes [sic] glyphodalis Walker, 1866a: 1488

Materials examined. Not available.


Remarks. The species was not found during the study.

Nosophora semitritalis (Lederer, 1863)* (Figure 10A)


Materials examined. Bhutan 2♂, Mendrelgang (Tirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

Omiodes noctescens (Moore, 1888)* (Figure 10B)

Charagma noctescens Moore, 1888: 218

Materials examined. Bhutan 3♂, Mendrelgang (Tirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 vi 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Dagana, Gelephu), Nepal, India, Japan, Korea, Taiwan, China (Yamanaka 2000).

Remarks. This species is reported for the first time from Bhutan.

Omphisa anastomosalis (Gueneé, 1854)* (Figure 10C)

Pionea anastomosalis Gueneé, 1854: 373–374

Materials examined. Bhutan 3♂, Mendrelgang (Tirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 20 vi 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Dagana, Gelephu), Nepal, India, Sri Lanka, Myanmar, China, Indonesia, Hong Kong, Philippines, Australia, Hawaii Island, Africa, Americas (Kendrick 2002).

Remarks. This species is reported for the first time from Bhutan.

Orphnophanes eucerusalis (Walker, 1859d)* (Figure 10D)

Botys eucerusalis Walker, 1859d: 1002

Materials examined. Bhutan 3♂, Mendrelgang (Tirang), 31 x 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang), India, Indonesia, Australia.

Remarks. This species is reported for the first time from Bhutan.

Palpita annulifer (Inoue, 1996)* (Figure 10E)


Materials examined. Bhutan 1♂, Mendrelgang (Tirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Dagana, Gelephu), Nepal, India, Thailand, Vietnam, China, Hong Kong, Japan, China (Inoue 1996; Caradja and Meyrick 1933; Kendrick 2002).

Remarks. The species P. annulata is a new record for Bhutan.

Palpita asiaticalis Inoue, 1994* (Figure 10F)

Palpita asiaticalis Inoue, 1994: 98, figs. 3, 4, 11, 12, 14.

Materials examined. Bhutan 1♂, Mendrelgang (Tirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

Palpita warrenalis (Swinhoe, 1894b)* (Figure 10G)

Margaronia warrenalis Swinhoe, 1894b: 148

Materials examined. Bhutan 1♂, Mendrelgang (Tirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Dagana, Sarpang), Nepal, India, Japan, Korea, Taiwan, China (Yamanaka 2000).

Remarks. This species is reported for the first time from Bhutan.
Materials examined. Bhutan 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species was not found during the study.

Parotis marginata (Hampson, 1893)* (Figure 10H)
Cenocnemis marginata Hampson, 1893: 169, pl. 173, fig. 23

Materials examined. None available.

Distribution. Bhutan, Nepal, India, China, Korea, Japan, Far-East Russia, Taiwan, Nepalese, Congo.

Remarks. The species was not found during the study.

Polyplecta ablastalis (Walker, 1859c)
Botys ablastalis Walker, 1859c: 660

Materials examined. Not available.

Distribution. Bhutan, India, Andaman Island (Hampson 1896).

Remarks. The species was not found during the study.

Polyplecta cerealis Lederer, 1863* (Figure 11A)
Polyplepta cerealis Lederer, 1863: 477

Materials examined. Bhutan 2♂, 1♀, Mendrelgang (Tsirang), 14 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 14 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Sarpang, 21 iii 2015 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 14 x 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), India, Bangladesh, Sri Lanka, China, Fiji, Japan, Australia (Savela 2016).

Remarks. A very common species.

Polyplecta ossealis Lederer, 1863
Polyplepta ossealis Lederer, 1863: 389, 477 (as osseatalis), pl. 12, fig. 18

Materials examined. Bhutan 1♂, Benzhung, 14 x 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Benzhung), North East India, Sumatra, Indonesia (Hampson 1896a; Robinson et al 1994).

Remarks. The species was not found during the study.

Pleuroptya quadriracemalis Kollar, 1844
Scopula quadriracemalis Kollar, 1844: 492
Sylepta quadriracemalis Lederer, 1863: pl. 16, fig. 12

Polyplepta quadriracemalis Inoue, 1982: 1: 343; 2: 234, 454

Materials examined. Not available.

Distribution. Bhutan, India, Andaman Island (Hampson 1896).

Remarks. The species was not found during the study.

Prophantis adusta Inoue, 1985* (Figure 11D)
Prophantis adusta Inoue, 1986: 157

Materials examined. Bhutan 1♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Gelephu (Sarpang), 14 x 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), India, Bangladesh, Sri Lanka, China, Fiji, Japan, Australia (Savela 2016).

Remarks. The species was not found during the study.

Pycnarmon abraxalis (Walker, 1866a)
Zebronia abraxalis Walker, 1866a: 1349–1350

Materials examined. Bhutan 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Damphu, Sarpang, Gelephu), India, Myanmar, Thailand (Hampson 1896a).

Remarks. A very common species.

Pycnarmon crebra (Fabricius 1794)
Phalaena crebra Fabricius, 1794: 215

Materials examined. Not available.


Remarks. The species was not found during the study.

Pycnarmon jagualalis (Gueneé, 1854)
Spilomela jagualalis Gueneé, 1854: 283

Materials examined. Not available.

Distribution. Bhutan (Damphu), India, Nepal, Malaysia, Indonesia, the Solomon Islands, Australia, Papua New Guinea (Caradja and Meyrick 1933).

Remarks. The species was not found during the study.

Pycnarmon virgatalis Moore, 1867
Pycnarmon virginatalis Moore, 1867: 92, pl. 7, fig. 9
Botys trogusalis (Walker, 1859b) *(Figure 11E)
Zebronia lactiferalis Walker, 1859b: 480

**Materials examined.** Bhutan 2♂, 19, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib)–coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Dagana), India, Nepal, China, Japan, Taiwan, Russia Far East (Caradja and Meyrick 1933).

**Remarks.** This species is reported for the first time from Bhutan.

Pygospila tyres (Cramer, 1780) *(Figure 11F)
Phalaena tyres Cramer (1780): pl. 263, fig. C

**Materials examined.** Bhutan 2♂, 19, Mendrelgang (Tsirang), 14 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Sarpang, 21 ii 2015 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 14 x 2014 (K. Wangdi)–coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Dagana, Sarpang, Gelephu), Nepal, India, Sri Lanka, Myanmar, China, Japan, Hong Kong, Java, Sabah, Sumbawa, New Guinea, West Africa (Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

Rhagoba octomaculalis (Moore, 1867) *(Figure 11G)
Filodes octomaculalis Moore, 1867: 95

**Materials examined.** Bhutan 2♂, 19, Mendrelgang (Tsirang), 14 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 14 x 2014 (K. Wangdi)–coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Gelephu), Nepal, North East India (Yamanaka 2000).

**Remarks.** This species is reported for the first time from Bhutan.

Rhimphalea trogusalis (Walker, 1859c) *(Figure 11H)
Botys trogusalis Walker, 1859c: 711

**Materials examined.** Bhutan 2♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 3♂, Gelephu (Sarpang), 21 ix 2014 (K. Wangdi); 2♂, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib)–coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Sarpang, Gelephu), Nepal, West Malaysia, Sumatra, Borneo, Java (Yamanaka 1998).

**Remarks.** This species is reported for the first time from Bhutan.

Sameodes cancellalis (Zeller, 1852) *(Figure 12A)
Botys cancellalis Zeller, 1852: 34

**Materials examined.** Bhutan 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Trongsa, 20 ix 2014 (K. Wangdi); 2♂, Langthel (Trongsa), 21 ix 2014 (K. Wangdi)–coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Damphu, Sarpang, Trongsa, Langthel), Nepal, India, Sri Lanka, Taiwan, Andaman Island, Thailand, Hong Kong, Macau, W. Malaysia, Singapore, Philippines, New Guinea, Australia, Fiji, West and South Africa (Easton and Pun 1996; Yamanaka 1998).

**Remarks.** This species is reported for the first time from Bhutan.

Spoladea recurvalis (Fabricius, 1775) *(Figure 12B)
Phalaena recurvalis Fabricius, 1775: 644

**Materials examined.** Bhutan 2♂, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 v 2015 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib); 2♂, Trongsa, 18 vii 2014 (K. Wangdi); 1♂, Bumthang, 30 vii 2014 (K. Wangdi)–coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu, Trongsa, Bumthang), India, Nicobar Is., Nepal, China, Macau, Hong Kong, Australia, Western Pacific, Central Pacific, Americas, Old World tropics, Eastern Palaeartctic, the Caribbean (Easton and Pun 1996; Yamanaka 2000).

**Remarks.** This species is reported for the first time from Bhutan. It is cosmopolitan in distribution throughout the world. It occurs on Amaranthus viridis, Trianthema monogyna, Glycine max, and Beta vulgaris as leaf-roller and defoliator.

Sylepte gastralis (Walker, 1865) *(Figure 12C)
Glyphodes gastralis Walker (1865): 1356

**Materials examined.** Bhutan 2♂, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♂, Langthel (Trongsa), 20 ix 2013 (K. Wangdi)–coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Langthel), Nepal (Yamanaka 2000).

**Remarks.** This species is reported for the first time from Bhutan.

Sylepte paucistrialis (Warren, 1896b)
Cyclarcha paucistrialis Warren, 1896b: 139

**Materials examined.** Not available.

**Distribution.** Bhutan, North East India (Hampson 1896a).

**Remarks.** The species was not found during the study.

Talanga sexpunctalis (Moore, 1877) *(Figure 12D)
Oligostigma sexpunctalis Moore, 1877: 616, pl. 60, fig. 12.

**Materials examined.** Bhutan 1♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib); 2♂, Langthel (Trongsa), 14 x 2014 (K. Wangdi)–coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Gelephu, Langthel), Nepal, India, Myanmar, Andaman Island, China, Taiwan, W. Malaysia, Sumatra, Borneo, Hong Kong, Java, Sabah, Sarawak, Kalimantan, Philippines, Sulawesi (Caradja and Meyrick 1933; Wang et al 1981; Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

Terastia egialealis (Walker, 1859b) *(Figure 12E)
Megaphysa egialealis Walker, 1859b: 383

**Materials examined.** Bhutan 1♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 20 ix 2014 (J.S. Irungbam and...
Crocidolomia luteolalis (Hong Kong (Caradja and Meyrick 1933; Robinson et al 1995; Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), Nepal, India, China, Thailand, W. Malaysia, Singapore, Sumatra, Java, Sabah, Sulawesi (Yamanaka 2000).

Remarks. This species is reported for the first time from Bhutan.

Tyspanodes linealis (Moore, 1867)† (Figure 12F)

Propachys linealis Moore, 1867: 665, pl. 33, fig. 17

Materials examined. Bhutan 1♂, Dhampu (Tsirang), 24 vi 2015 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarang, 23 v 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Dhampu, Dagana, Sarang), Nepal, China, Hong Kong (Caradja and Meyrick 1933; Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

Remarks. This species is reported for the first time from Bhutan.

Tyspanodes nigrolinealis (Moore, 1867)† (Figure 12G)

Filodes nigrolinealis Moore, 1867: 95

Materials examined. Bhutan 2♂, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Sarang, 23 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 iv 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Sarang, Gelephu), India, Nepal, Cambodia (Yamanaka 1995).

Remarks. This species is reported for the first time from Bhutan.

Udea nigrostigmalis Warren, 1896a

Udea nigrostigmalis Warren, 1896a: 96–97

Materials examined. Not available.

Distribution. Bhutan, India (Hampson 1896a).

Remarks. The species was not found during the study.

Subfamily Glaphyriinae Forbes, 1923

Crocidolomia luteolalis Hampson, 1893* (Figure 12H)

Crocidolomia luteolalis Hampson, 1893

Materials examined. Bhutan 1♂, Damphu (Tsirang), 24 vi 2015 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 iv 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Sarang, Gelephu), India, Nepal, Cambodia (Yamanaka 1995).

Remarks. This species is reported for the first time from Bhutan.

Family Pyralidae Latreille, 1809

Subfamily Epiraschiinae Meyrick, 1884

Lista ficki (Christoph, 1881)*

Craneophora ficki Christoph, 1881: 2

Materials examined. Bhutan 1♂, Mendrelgang (Tsirang), 10 vii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 15 vii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarang, 23 vii 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang, Dagana), Nepal, Japan, Taiwan (Yamanaka 2000).

Remarks. This species is reported for the first time from Bhutan.

Coenodomus dudgeoni Hampson, 1896a

Coenodomus dudgeoni Hampson, 1896a: 366–394

Materials examined. None.

Distribution. Bhutan (Hampson 1896a).

Remarks. Endemic to Bhutan. The species was not found during the study.

Lamida moncusalis Walker, 1859a

Lamida moncusalis Walker, 1859a: 252

Materials examined. None.

Distribution. Bhutan, North East India (Hampson 1896a).

Remarks. The species was not found during the study.

Lepidogma rufescens Hampson, 1896a

Lepidogma rufescens Hampson, 1896a: 366–394

Materials examined. Not available.

Distribution. Bhutan (Hampson 1896a).

Remarks. Endemic to Bhutan. The species was not found during the study.

Locastra pachylepidalis Hampson, 1895

Locastra pachylepidalis Hampson, 1895: 366–394

Materials examined. Not available.

Distribution. Bhutan (Hampson 1896a).

Remarks. Endemic to Bhutan. The species was not found during the study.

Noctuidae euryptera (Meyrick, 1894)

Balanotis euryptera Meyrick, 1894: 476

Materials examined. Not available.

Distribution. Bhutan, Sri Lanka, Sumbawa, Japan (Hampson 1896a).

Remarks. The species was not found during the study.

Orthaga auroviridalis Hampson, 1896a

Orthaga auroviridalis Hampson, 1896a: 366–394

Materials examined. Not available.

Distribution. Bhutan, India (Hampson 1896a).

Remarks. The species was not found during the study.

Orthaga onerata Butler, 1879

Orthaga onerata Butler, 1879: 366–394

Materials examined. Not available.

Distribution. Bhutan, Japan, Java (Hampson 1896a).

Remarks. The species was not found during the study.

Stericta asopialis (Snellen, 1890)

Pannucha asopialis Snellen, 1890: 557–567, pls. 19–20

Materials examined. Not available.

Distribution. Bhutan, Japan, Java (Hampson 1896a).

Remarks. The species was not found during the study.

Stericta rufescens Hampson, 1895

Stericta rufescens Hampson, 1895: 366–394

Materials examined. Not available.

Distribution. Bhutan (Hampson 1896a).

Remarks. Endemic to Bhutan. The species was not found during the study.
Stericta sinuosa \textit{Hampson, 1895}

\textit{Stericta sinuosa} \textit{Hampson, 1895}: 366–394

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan, India (Hampson 1896a).
\textbf{Remarks.} The species was not found during the study.

\textbf{Trichoptysa jucundalis (Walker, 1866b)}

\textit{Bleptina jucundalis} Walker, 1866b: 1164

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan, India, Sri Lanka (Hampson 1896a).
\textbf{Remarks.} The species was not found during the study.

\textbf{Subfamily Galleriinae} Zeller, 1848

\textbf{Picrogama semifoodalis (Walker, 1866a)}

\textit{Botys semifoodalis} Walker (1866a): 1439–1440

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan, India (Hampson 1896a).
\textbf{Remarks.} The species was not found during the study.

\textbf{Tirathaba unicolorella (Hampson, 1896a)}

\textit{Mucialla unicolorella} Hampson, 1896a: 5

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan, India (Hampson 1896a).
\textbf{Remarks.} Endemic to Bhutan. The species was not found during the study.

\textbf{Eldana dichromellus Walker, 1866a}

\textit{Eldana dichromellus} Walker, 1866a: 633

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan (Hampson 1896a).
\textbf{Remarks.} Endemic to Bhutan. The single Galleriine species of stalk borer on rice, the veins are brown longitudinally and there are two black spots in the cell. The fore-wing has a prominent marginal fringe and a narrow black fascia near the margin. The frons is without a prominent point. The species was not found during the study.

\textbf{Cathya purpureotincta Hampson, 1917}

\textit{Cathya purpureotincta} Hampson, 1917: 46

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan (Hampson 1896a).
\textbf{Remarks.} Endemic to Bhutan. The species was not found during the study.

\textbf{Anammaticha semirrorella (Hampson, 1896a)}

\textit{Anammaticha semirrorella} Hampson, 1896a: 178

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan, North East India (Hampson 1896a).
\textbf{Remarks.} The species was not found during the study.

\textbf{Anerastia castanealis (Hampson, 1896a)}

\textit{Anerastia castanealis} Hampson, 1896a: 67

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan (Hampson 1896a).
\textbf{Remarks.} Endemic to Bhutan. The species was not found during the study.

\textbf{Anonaepstis bengalella Ragonot, 1894}

\textit{Anonaepstis bengalella} Ragonot, 1894: 106

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan, India, Sri Lanka, Thailand, Singapore, Sumatra, Java (Hampson 1896a; Robinson et al 1994).
\textbf{Remarks.} The species was not found during the study.

\textbf{Cadra cautella (Walker, 1863)}

\textit{Pempelia cautella} Walker, 1863: 73

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan, Nepal, India, Sri Lanka, Sumbawa, China, Hong Kong, Australia (Hampson 1896a; Wang et al 1981; Robinson et al 1995; Kendrick 2002).
\textbf{Remarks.} The species was not found during the study.

\textbf{Ephestiospis bipunctalis (Hampson, 1896a)}

\textit{Cryptoblabes bipunctalis} Hampson, 1896a: 105

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan (Hampson 1896a).
\textbf{Remarks.} Endemic to Bhutan. The species was not found during the study.

\textbf{Faveria majoralis (Hampson, 1896a)}

\textit{Phycita majoralis} Hampson, 1896a: 94–95

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan (Hampson 1896a).
\textbf{Remarks.} Endemic to Bhutan. The species was not found during the study.

\textbf{Kaurava rufimarginella (Hampson, 1896a)}

\textit{Rhodophaea rufimarginella} Hampson, 1896a: 101

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan (Hampson 1896a).
\textbf{Remarks.} Endemic to Bhutan. The species was not found during the study.

\textbf{Laodamia eulepidella (Hampson, 1896a)}

\textit{Phycita eulepidella} Hampson, 1896a: 94

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan, Sri Lanka (Hampson 1896a).
\textbf{Remarks.} The species was not found during the study.

\textbf{Mussidia pectinicornella (Hampson, 1896a)}

\textit{Myelois pectinicornella} Hampson, 1896a: 88–89, fig. 55

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan, India, Sri Lanka, China, Japan, Taiwan, Thailand, Hong Kong, West Malaysia, Java, Fiji East (Hampson 1896a; Robinson et al 1994; Kendrick 2002).
\textbf{Remarks.} The species was not found during the study.

\textbf{Nephoteryx nocturnella Hampson, 1896a}

\textit{Nephoteryx nocturnella} Hampson, 1896a: 74

\textbf{Materials examined.} Not available.
\textbf{Distribution.} Bhutan (Hampson 1896a).
\textbf{Remarks.} Endemic to Bhutan. The species was not found during the study.
Nephoteryx ochribasalis Hampson, 1896a
Nephoteryx ochribasalis Hampson, 1896a: 78

Materials examined. Not available.

Distribution. Bhutan, India, China, Hong Kong (Hampson 1896a; Caradja and Meyrick 1933; Kendrick 2002).

Remarks. The species was not found during the study.

Patra ebria Ragonot, 1888
Patra ebria Ragonot, 1888: 39

Materials examined. Not available.

Distribution. Bhutan, India, Thailand, Hong Kong (Hampson 1896a; Robinson et al 1994; Kendrick 2002).

Remarks. The species was not found during the study.

Phycita pachylepidella Ragonot and Hampson, 1901
Phycita pachylepidella Ragonot and Hampson, 1901: 441, pl. 53, fig. 3

Materials examined. Not available.

Distribution. Bhutan, North East India (Hampson 1896a).

Remarks. The species was not found during the study.

Piesmopoda semilutea (Walker, 1863)
Piesmopoda semilutea Walker, 1863: 81

Materials examined. Not available.


Remarks. The species was not found during the study.

Protoetiella venustella (Hampson, 1896a)
Protoetiella venustella Hampson, 1896a: 109
Protoetiella venustella, Roesler and Kuppers, 1979: 192

Materials examined. Not available.

Distribution. Bhutan, India (Hampson 1896a).

Remarks. The species was not found during the study.

Sandrabatis crassiella Ragonot, 1893
Sandrabatis crassiella Ragonot, 1893: 204, pl. 18, fig. 7

Materials examined. Not available.

Distribution. Bhutan, India, Sri Lanka (Hampson 1896a).

Remarks. The species was not found during the study.

Volobilis chloropterella (Hampson, 1896a)
Volobilis chloropterella Hampson, 1896a: 92

Materials examined. Not available.


Remarks. The species was not found during the study.

Subfamily Pyralinae Latreille, 1809

Arctiobasis rubida, Felder and Felder, 1862
Arctiobasis rubida Felder and Felder, 1862: 33

Materials examined. Bhutan 2?, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1?, Langthel (Trongsa), 18 v 2014 (K. Wangdi); 1?, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).


Remarks. This species is reported for the first time from Bhutan.

Endotricha ardentalis Hampson, 1896a
Endotricha ardentalis Hampson, 1896a: 135

Materials examined. Not available.

Distribution. Bhutan, Borneo (Hampson 1896a).

Remarks. The species was not found during the study.

Endotricha luteogrisalis Hampson, 1896a
Endotricha luteogrisalis Hampson, 1896a: 136

Materials examined. Not available.

Distribution. Bhutan, China (Hampson 1896a; Sun and Li 2012).

Remarks. The species was not found during the study. The female of this species was first described from China (Sun and Li 2012).

Endotricha rufofimbrialis Warren, 1891
Endotricha rufofimbrialis Warren, 1891: 69

Materials examined. Not available.

Distribution. Bhutan, Borneo (Hampson 1896a).

Remarks. The species was not found during the study.

Endotricha ruminalis (Walker, 1859b)
Endotricha ruminalis Walker, 1859b: 387

Materials examined. Bhutan 2?, Dagana, 11 viii 2014 (J.S. Irungbam and M.S. Chib); 1?, Sarpang, 8 vi 2014 (K. Wangdi); 1?, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Dagana, Sarpang, Gelephu), India, Sri Lanka, Myanmar, Malaysia, Taiwan (Hampson 1896a).

Remarks. This species is reported for the first time from Bhutan.

Hyspopygia fuscalis (Hampson, 1893)
Hyspopygia fuscalis Hampson, 1893: 52, 178, pl. 174, fig. 13.

Materials examined. Not available.

Distribution. Bhutan, Sri Lanka (Hampson 1896a).

Remarks. The species was not found during the study.

Hyspopygia mauritialis (Boisduval, 1833)
Hyspopygia mauritialis Boisduval, 1833: 119, pl. 16, fig. 8.

Materials examined. Bhutan 2?, Sarpang, 8 vi 2014 (K. Wangdi); 1?, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1?, Langthel (Trongsa), 18 v 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Sarpang, Gelephu, Langthel), Nepal, India, China, Malaysia, Taiwan, Sumatra, Java, Indonesia, Hong Kong, Japan, Australia, Hawaii, Madagascar (Hampson 1896a; Kendrick 2002).

Remarks. This species is reported for the first time from Bhutan.

Hyspopygia nitidicilialis (Hering, 1901)
Hyspopygia nitidicilialis Hering, 1901: 36-37, pl. 1, fig. 7 (1903)

Materials examined. Bhutan 1?, Mendrelgang (Tsirang), 20 vii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

Distribution. Bhutan (Mendrelgang), Sumatra (Robinson et al 1994).

Remarks. This species is reported for the first time from Bhutan.
**Hypsopygia postflava** *(Hampson, 1893)*

*Pyralis postflava* Hampson, 1893: 43, 159, pl. 152, fig. 22.

**Materials examined.** Not available.

**Distribution.** Bhutan, North East India, Sri Lanka *(Hampson 1896a)*.

**Remarks.** The species was not found during the study.

**Lamoria virescens** *(Hampson, 1898)* *(Figure 13F)*

*Oryba virescens* Hampson, 1898: 97

**Materials examined.** Bhutan 2º, Mendrelgang (Tsirang), 20 viii 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Gelephu), India, Sri Lanka.

**Remarks.** This species was reported for the first time from Bhutan.

**Loryma recusata** *(Walker, 1863 [1864])* *(Figure 14H)*

*Beria recusata* Walker, 1863 (1864): 62

**Materials examined.** Not available.

**Distribution.** Bhutan, India, Malacca, Singapore, West Malaysia (Hampson 1896a; Robinson et al 1994).

**Remarks.** The species was not found during the study.

**Omphalonia accersita** *(Swinhoe, 1894b)* *(Figure 13G)*

*Oryba accersita* Swinhoe, 1894b: 140

**Materials examined.** Not available.

**Distribution.** Bhutan, India, Thailand (Hampson 1896a; Robinson et al 1994).

**Remarks.** The species was not found during the study.

**Orybina flaviplaga** *(Walker, 1863b)* *(Figure 13G)*

*Oryba flaviplaga* Walker, 1863b: 11

**Materials examined.** Bhutan 2º, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1º, 19, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu), Nepal, North East India, Myanmar, W. Malaysia, Sumatra, Brunei, Borneo, Swarak, New Guinea *(Hampson 1896a; Robinson et al 1994)*.

**Remarks.** Mostly adults are attracted to light. Six or more species occur in South East Asia.

**Orybina plangonalis** *(Walker, 1859c)* *(Figure 13H)*

*Scopula plangonalis* Walker, 1859c: 790–791

**Materials examined.** Bhutan 2º, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1º, Damphu (Tsirang), 30 iii 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Langthel, Gelephu), North East India, Thailand, China, Taiwan *(Wang and Kishida 2011)*.

**Remarks.** This species was reported for the first time from Bhutan.

**Pyralis pictalis** *(Curtis, 1834)* *(Figure 14A)*

*Asopia pictalis* Curtis, 1834: folio 503

**Materials examined.** Bhutan 2º, Mendrelgang (Tsirang), 20 viii 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang), Far East, China, Australia, Hong Kong *(Caradja and Meyrick 1933; Kendrick 2002)*.

**Remarks.** This species is reported for the first time from Bhutan.

**Sacada pallescens** *(Hampson, 1896a)* *(Figure 14B)*

*Danaka pallescens* Hampson, 1895: 71, pl. 3, fig. 10.

**Materials examined.** Not available.

**Distribution.** China, Taiwan, Myanmar, Java, Brunei, Sabah, Swarak, Kalimantan *(Hampson 1896a; Robinson et al 1994; Yamanaka 1995)*.

**Remarks.** This species is reported for the first time from Bhutan.

**Sacada pyraliformis** *(Moore, 1879)* *(Figure 14C)*

*Danaka pyraliformis* Moore, 1879: 71, pl. 3, fig. 10.

**Materials examined.** Not available.

**Distribution.** Bhutan, Nepal, North East India *(Hampson 1896a; Yamanaka 1995)*.

**Remarks.** The species was not found during the study.

**Vitessa suradeva** *(Moore, 1860)* *(Figure 14B)*

*Vitessa suradeva* Moore, 1860: 299, pl. 7a, fig. 7

**Materials examined.** Bhutan 4º, 3º, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang), Nepal, North East India, South India, Sri Lanka, Andaman Island, Myanmar, China, Thailand, Borneo *(Hampson 1896a; Yamanaka 1995)*.

**Remarks.** This species was not found during the study.

**Zitha rosellus** *(Lederer, 1863)* *(Figure 14C)*

*Asopia rosellus* Lederer, 1863: 342, 457, pl. 6, fig. 15

**Materials examined.** Bhutan 2º, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1º, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).
Discussion

With regards to the Pyraloidea fauna of Bhutan, there is no consolidated work. In the present study, the authors have tried to bring all the scattered information together considering the materials which were also not available during the study to get an up-to-date account of the Pyraloidea fauna of Bhutan. The results are mainly based on the collections brought from different districts of Bhutan by the authors during 2013 to 2015 and also include the published records to prepare a consolidated account on the families Crambidae and Pyralidae from Bhutan. Prior to the study, 73 species under 68 genera are recorded from Bhutan (Hampson 1896a). The present study added 109 species which gives a total of 182 species to the current list.

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