

A PRELIMINARY CHECKLIST OF BUTTERFLIES OF PAIYUN RURAL MUNICIPALITY, PARBAT DISTRICT, NEPAL

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INTRODUCTION

Although the butterfly fauna of Nepal is reasonably well known (Smith, 1989; 1994; 2006; 2010; 2011), the butterfly fauna of the Parbat district is still undocumented. The present study comprises a 13 month opportunistic survey of the butterflies of Paiyun Rural Municipality, Parbat district.

STUDY AREA

Paiyun is a rural municipality (28°02'34"N; 83°39'59"E) situated in the southern part of Parbat district covering an area of 42.65 km². It is bordered by Syangja district to the east and to the south, Bihadi Rural Municipality to the west and Mahashila Rural Municipality of Parbat district to the north. The study was mostly carried out near the water bodies and meadows in the altitude range of 750 m. The dominant tree species of the area are *Schima wallichii* (Chilaune), *Castanopsis indica* (Katus), *Ficus lacor* (Kabhro), *Erythrina stricta* (Phaledo) and fodder species.

METHODOLOGY

The study was conducted opportunistically from March 2021 to March 2022 in

different places of Paiyun rural municipality. The survey was done randomly at all seasons of the year; Pre-monsoon, monsoon, post-monsoon, and winter. Bright and clear days were preferred for maximum observation of butterflies during study hours of 10:00 am to 4:00 pm. Most of the observations were made near the streams and small ponds. The butterflies were photographed with an android mobile phone. Specimens were not collected for this study. The photographed butterflies were identified using Smetacek (2016) and consultation with experts. Butterflies were classified according to their abundance in five categories, using the method of Kasambe *et al.* (2018), i.e.

A- Abundant: In most habitats, observed 80-90% of the time

C- Common: In most habitats, observed 60-80% of the time

U- Uncommon: In most habitats, observed 40-60% of the time

R- Rare: In most habitats, observed 20-40% of the time

VR- Very rare: In most habitats, observed less than 20% of the time

RESULTS AND DISCUSSION

In this study a total of 158 butterfly species under 79 genera and six families were recorded (Table 1, Images 1-158). Nymphalidae species (n=67) were the dominant among the total butterflies observed, followed by Lycaenidae (n=27), Hesperidae (n=25), Pieridae (n=23), Papilionidae (n=13) and Riodinidae (n=3). The abundance of butterflies was as follows: Abundant (33 species), Common (35 species), Uncommon (32 species), Rare (31 species) and Very Rare (27 species).

The highest number of butterfly species were recorded between May to November in Paiyun. Single individuals of *Pachliopta aristolochiae* Common Rose, *Iambrix salsala* Chestnut Bob, *Abisara nephron* Tailed Judy, *Chilaria othana* Orchid Tit, *Liphyra brassolis* Moth Butterfly, *Euthalia monina* Powdered Baron and *Hestina persimilis* Siren were recorded on the stream banks. The greater variety of butterfly species maybe due to stream and waterholes available in the study area. It was observed that Nymphalid species are abundant in this area. Many researchers concluded the same result in different studies (Oli & Sharma, 2019; Khanal *et al.*, 2011; Bhusal & Khanal, 2008; Hamer *et al.*, 2005; Prajapati *et al.*, 2000).

SPECIAL RECORDS

1. *Liphyra brassolis* Westwood, 1864 (Image- 81): This extremely rare butterfly (KC, 2022) is distributed from Central Nepal to North-eastern India, Southeast Asia, Indonesia, the Philippines, New Guinea and the Solomon Islands to northern Australia (Samson & Smart, 1980; Smith, 2011). It has been recorded twice, in 1982 and after 39 years, a dead individual was found in Pokhara, Kaski in a dry forest stream (KC, 2022). Again, one living individual of *Liphyra brassolis* was

found on a bright, sunny day on a flower of *Tagetes erecta* Marigold at an elevation of 758m in Paiyun rural municipality, Parbat district.

2. *Hestina persimilis* (Westwood, [1850]) (Image- 121): This nymphalid is distributed through India (Himachal Pradesh to Arunachal Pradesh, northeast, Orissa), Nepal and Bhutan (Kehimkar, 2008). One individual of *Hestina persimilis* was found flying about bamboo and a home garden at an elevation of 760 m in Paiyun- 5, Parbat. It feeds on leaves of *Celtis australis*, a tree usually lopped for fodder, hence its rarity.

CONCLUSION

This study was conducted to collate a preliminary checklist of butterflies from Paiyun Rural Municipality, Parbat. Since there is no earlier study on species richness of butterflies in Parbat, this study provides an initial baseline for further study in other parts of the district. A total of 158 species of butterflies from six families were recorded. Nymphalidae was the most species-rich family (n=67). A living individual of the rare butterfly *Liphyra brassolis* was recorded after decades. Maximum species of butterflies were found near the aquatic resources. Because of the occurrence of rare and endemic species, Paiyun is likely to possess a rich and exceptional butterfly diversity. Regular observations and research are needed to update the checklist. Likewise, in depth research on host plants and behavioral studies are essential for effective understanding and conservation of these species.

ACKNOWLEDGEMENTS

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Table 1: List of Butterflies of Paiyun Rural Municipality, Parbat

S.N.	Scientific Name	Common Name	Abundance	Recorded Seasons
Family Papilionidae (13)				
1	<i>Graphium agamemnon</i> (Linnaeus, 1758)	Tailed Jay	C	iii-v, vi-ix, x-xii
2	<i>Graphium cloanthus</i> (Westwood, 1841)	Glassy Bluebottle	U	vi-ix, x-xii
3	<i>Graphium sarpedon</i> (Linnaeus, 1758)	Common Bluebottle	C	iii-v, vi-ix, x-xii
4	<i>Pachliopta aristolochiae</i> (Fabricius, 1775)	Common Rose	VR	iii-v
5	<i>Papilio bianor</i> Cramer, [1777]	Common Peacock	VR	iii-v
6	<i>Papilio demoleus</i> Linnaeus, 1758	Lime Butterfly	VR	iii-v
7	<i>Papilio helenus</i> Linnaeus, 1758	Red Helen	C	iii-v, vi-ix, x-xii
8	<i>Papilio machaon</i> Linnaeus, 1758	Common Yellow Swallowtail	R	vi-ix, x-xii
9	<i>Papilio memnon</i> Linnaeus, 1758	Great Mormon	A	iii-v, vi-ix, x-xii, i-ii
10	<i>Papilio nephelus</i> Boisduval, 1836	Yellow Helen	A	iii-v, vi-ix, x-xii, i-ii
11	<i>Papilio paris</i> Linnaeus, 1758	Paris Peacock	A	iii-v, vi-ix, x-xii, i-ii
12	<i>Papilio polytes</i> Linnaeus, 1758	Common Mormon	C	iii-v, vi-ix, x-xii
13	<i>Papilio protenor</i> Cramer, [1775]	Spangle	C	iii-v, vi-ix, x-xii
Family Hesperidae (25)				
14	<i>Aeromachus dubius</i> Elwes and Edwards, 1897	Dingy Scrub Hopper	U	iii-v, vi-ix
15	<i>Baoris farri</i> (Moore, 1878)	Paintbrush Swift	U	vi-ix, x-xii
16	<i>Bibasis sena</i> (Moore, [1866])	Orange- tailed Awl	VR	vi-ix
17	<i>Borbo bevani</i> (Moore, 1878)	Bevan's Swift	C	iii-v, vi-ix, x-xii, i-ii
18	<i>Caltois cahira</i> (Moore, 1877)	Colon Swift	C	i-ix, x-xii, i-ii
19	<i>Caltois tulsi</i> (de Niceville, [1884])	Purple Swift	U	vi-ix, x-xii
20	<i>Calaenorrhinus leucocera</i> (Kollar, [1884])	Common Spotted Flat	U	iii-v, vi-ix
21	<i>Erionota torus</i>	Banana Skipper	R	vi-ix, x-xii

	(Evans, 1941)			
22	<i>Gerosis phisara</i> (Moore, 1884)	Dusky Yellow- breast Flat	R	iii-v, vi-ix
23	<i>Hasora badra</i> (Moore, [1858])	Common Awl	VR	vi-ix
24	<i>Hasora chromus</i> (Cramer, [1780])	Common Banded Awl	VR	vi-ix
25	<i>Iambrix salsala</i> (Moore, [1866])	Chestnut Bob	VR	vi-ix
26	<i>Matapa aria</i> (Moore, [1866])	Common Red- Eye	U	vi-ix, x-xii
27	<i>Matapa purpurascens</i> Elwes and Edwards, 1897	Purple Red- Eye	U	vi-ix, x-xii
28	<i>Notocrypta curvifascia</i> (C. And R. Felder, 1862)	Restricted Demon	C	iii-v, vi-ix, x-xii, i-ii
29	<i>Odontoptilum angulatum</i> (C. And R. Felder, 1862)	Chestnut Angle	U	iii-v, vi-ix, x-xii
30	<i>Pelopidas agna</i> (Moore, [1866])	Obscure Branded Swift	R	iii-v, vi-ix
31	<i>Pelopidas thrax</i> (Huebner, [1821])	Small Branded Swift	R	iii-v, vi-ix
32	<i>Potanthus pallidus</i> (Evans, 1932)	Pale Dart	C	iii-v, vi-ix, x-xii, i-ii
33	<i>Pseudocoladenia dan</i> (Fabricius, 1787)	Fulvous Pied Flat	R	iii-v, i-ii
34	<i>Sarangesa dasahara</i> (Moore, 1866)	Common Small Flat	A	iii-v, vi-ix, x-xii, i-ii
35	<i>Sebastonyma dolopia</i> (Hewitson, 1868)	Tufted Ace	U	iii-v, vi-ix
36	<i>Telicota bambusae</i> (Moore, 1878)	Dark Palm Dart	U	iii-v, vi-ix
37	<i>Tagiades menaka</i> (Moore, [1866])	Spotted Snow Flat	C	iii-v, iv-ix, x-xii
38	<i>Udaspes folus</i> (Cramer, [1775])	Grass Demon	U	iii-v, iv-ix, x-xii
Family Pieridae (23)				
39	<i>Aporia agathon</i> (Gray, 1831)	Great Blackvein	U	iii-v, vi-ix, x-xii
40	<i>Appias lyncida</i> (Cramer, [1777])	Chocolate Albatross	U	iii-v, vi-ix, x-xii
41	<i>Catopsilia pomona</i> (Fabricius, 1775)	Common Emigrant	A	iii-v, vi-ix, x-xii, i-ii
42	<i>Catopsilia pyranthe</i> (Linnaeus, 1758)	Mottled Emigrant	R	vi-ix, x-xii
43	<i>Cepora nadina</i> (Lucas, 1852)	Lesser Gull	R	iii-v, vi-ix
44	<i>Cepora nerissa</i>	Common Gull	U	iii-v, vi-ix, x-xii

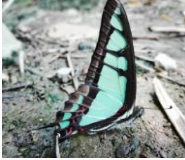
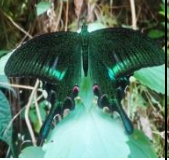
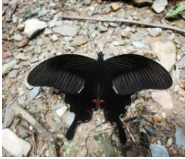
	(Fabricius, 1775)			
45	<i>Colias erate</i> (Esper, 1805)	Pale Clouded Yellow	U	iii-v, vi-ix, x-xii
46	<i>Colias fieldi</i> Menetries, 1855	Dark Clouded Yellow	VR	iii-v
47	<i>Delias acalis</i> (Godart, 1819)	Red-breast Jezabel	C	iii-v, vi-ix, x-xii, i-ii
48	<i>Delias belladonna</i> (Fabricius, 1793)	Hill Jezabel	R	iii-v
49	<i>Delias hyparete</i> (Linnaeus, 1758)	Painted Jezabel	U	vi-ix, x-xii, i-ii
50	<i>Delias pasithoe</i> (Linnaeus, 1767)	Red-base Jezabel	C	iii-v, vi-xi, x-xii
51	<i>Eurema andersonii</i> (Moore, 1886)	One-spot Grass Yellow	A	iii-v, vi-ix, x-xii, i-ii
52	<i>Eurema blanda</i> (Boisduval, 1836)	Three-spot Grass Yellow	A	iii-v, vi-ix, x-xii, i-ii
53	<i>Eurema brigitta</i> (Stoll, [1780])	Small Grass Yellow	VR	vi-ix
54	<i>Eurema hecabe</i> (Linnaeus, 1758)	Common Grass Yellow	C	iii-v, vi-ix, x-xii
55	<i>Eurema laeta</i> (Boisduval, 1836)	Spotless Grass Yellow	R	vi-ix
56	<i>Gonepteryx nepalensis</i> (Doubleday, 1847)	Himalayan Brimstone	A	iii-v, vi-ix, x-xii, i-ii
57	<i>Hebomoia glaucippe</i> (Linnaeus, 1758)	Great Orange Tip	U	iii-v, vi-ix, x-xii
58	<i>Ixias pyrene</i> (Linnaeus, 1764)	Yellow Orange Tip	C	iii-v, vi-ix, x-xii, i-ii
59	<i>Pieris canidia</i> (Linnaeus, 1768)	Indian Cabbage White	A	iii-v, vi-ix, x-xii, i-ii
60	<i>Pontia daplidice</i> (Linnaeus, 1758)	Bath White	C	iii-v, vi-ix, x-xii, i-ii
61	<i>Prioneris thestylis</i> (Doubleday, 1842)	Spotted Sawtooth	R	iii-v, vi-ix
Family Riordinidae (3)				
62	<i>Abisara fylla</i> (Westwood, 1851)	Dark Judy	U	iii-v, vi-ix
63	<i>Abisara neophron</i> (Hewitson, 1861)	Tailed Judy	VR	Vi-ix
64	<i>Zemeros flegyas</i> (Cramer, [1780])	Punchinello	U	vi-ix, x-xii
Family Lycaenidae (27)				
65	<i>Acytolepis puspā</i> (Horsefield, [1828])	Common Hedge Blue	A	iii-v, vi-ix, x-xii, i-ii
66	<i>Anthene emolus</i> (Godart, 1824)	Ciliate Blue	C	vi-ix, x-xii

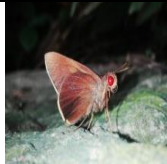
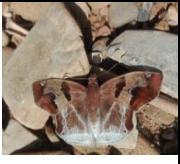
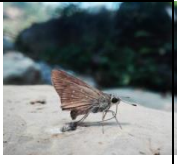
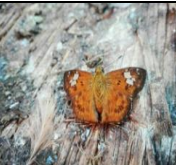
67	<i>Castalius rosimon</i> (Fabricius, 1775)	Common Pierrot	C	iii-v, vi-ix, x-xii
68	<i>Catochrysops strabo</i> (Fabricius, 1793)	Forgetmenot	U	vi-ix, x-xii, i-ii
69	<i>Chliaria othona</i> (Hewitson, 1865)	Orchid Tit	VR	vi-ix
70	<i>Curetis acuta</i> (Moore, 1877)	Angled Sunbeam	C	iii-v, vi-ix, x-xii
71	<i>Curetis bulis</i> (Westwood, 1852)	Bright Sunbeam	U	vi-ix, x-xii
72	<i>Euchrysops cnejus</i> (Fabricius, 1798)	Gram Blue	C	iii-v, vi-ix, x-xii
73	<i>Everes lacturnus</i> (Godart, [1824])	Indian Cupid	U	iii-v, vi-ix, x-xii
74	<i>Heliophorus epicles</i> (Godart, [1824])	Purple Sapphire	A	iii-v, vi-ix, x-xii, i-ii
75	<i>Heliophorus indicus</i> (Fruhstorfer, 1908)	Indian Purple Sapphire	C	iii-v, vi-ix, x-xii
76	<i>Heliophorus sena</i> (Kollar, [1844])	Sorrel Sapphire	U	vi-ix, x-xii
77	<i>Iraota timoleon</i> (Stoll, [1790])	Silver Streak Blue	VR	vi-ix
78	<i>Jamides alecto</i> (C. Felder, 1860)	Metallic Cerulean	C	iii-v, vi-ix, x-xii, i-ii
79	<i>Jamides celeno</i> (Cramer, [1775])	Common Cerulean	C	iii-v, vi-ix, x-xii, i-ii
80	<i>Lampides boeticus</i> (Linnaeus, 1767)	Pea Blue	C	iii-v, vi-ix, x-xii, i-ii
81	<i>Liphyra brassolis</i> Westwood, 1864	Moth Butterfly	VR	vi-ix
82	<i>Luthrodes pandava</i> (Horsfield, [1829])	Plains Cupid	U	iii-v, vi-ix
83	<i>Megisba malaya</i> (Horsfield, [1828])	Malayan	VR	vi-ix
84	<i>Neopithecops zalmora</i> (Butler, 1870)	Quaker	VR	vi-ix, x-xii
85	<i>Prosotas dubiosa</i> (Semper, [1879])	Tailless Line Blue	R	vi-ix, x-xii
86	<i>Pseudozizeeria maha</i> (Kollar, [1844])	Pale Grass Blue	U	iii-v, vi-ix, x-xii
87	<i>Spindasis iohita</i> (Horsfield, [1829])	Long Banded Silverline	R	vi-ix, x-xii
88	<i>Taraka hamada</i> (Druce, 1875)	Forest Pierrot	U	iii-v, vi-ix, x-xii
89	<i>Ticherra acte</i> (Moore, [1858])	Blue Imperial	R	vi-ix, x-xii
90	<i>Udara dilecta</i>	Pale Hedge Blue	C	vi-ix, x-xii

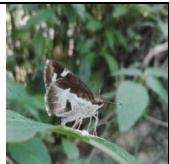
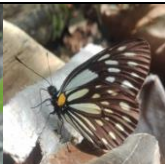
	(Moore, 1879)			
91	<i>Zeltus amasa</i> (Hewitson, 1865)	Fluffy Tit	U	vi-ix, x-xii
Family Nymphalidae (67)				
92	<i>Abrota ganga</i> Moore, 1857	Sergeant Major	R	vi-ix
93	<i>Acraea issoria</i> (Huebner, [1819])	Yellow Coster	VR	iii-v, vi-ix
94	<i>Acraea viola</i> (Fabricius, 1793)	Tawny Coster	R	iii-v, vi-ix
95	<i>Aglaia caschmirensis</i> (Kollar, [1844])	Indian Tortoiseshell	C	iii-v, vi-ix, x-xii, i-ii
96	<i>Argynnis hyperbius</i> (Linnaeus, 1763)	Indian Fritillary	C	iii-v, vi-ix, x-xii
97	<i>Athyma cama</i> (Moore, [1858])	Orange Staff Sergeant	R	vi-ix, x-xii
98	<i>Athyma jina</i> (Moore, [1858])	Bhutan Sergeant	VR	vi-ix
99	<i>Athyma nefte</i> (Cramer, [1780])	Colour Sergeant	R	vi-ix, x-xii
100	<i>Athyma ranga</i> (Moore, [1858])	Blackvein Sergeant	U	vi-ix, x- xii
101	<i>Athyma selenophora</i> (Kollar, [1844])	Staff Sergeant	R	vi-ix, x-xii
102	<i>Auzakia danava</i> (Moore, [1858])	Commodore	VR	vi-ix
103	<i>Callerebia annada</i> (Moore, [1858])	Ringed Argus	C	iii-v, vi-ix, x-xii
104	<i>Callerebia hybrida</i> Butler, 1880	Hybrid Argus	U	vi-ix, x-xii
105	<i>Cethosia cyane</i> (Drury, [1773])	Leopard Lacewing	R	vi-ix, x-xii
106	<i>Charaxes bernardus</i> (Fabricius, 1793)	Tawny Rajah	U	iii-v, vi-ix, x-xii
107	<i>Chersonesia risa</i> (Doubleday, [1848])	Common Maplet	A	iii-v, vi-ix, x-xii, i-ii
108	<i>Cupha erymanthis</i> (Drury, [1773])	Rustic	VR	vi-ix
109	<i>Cynitia lepidea</i> (Butler, 1868)	Grey Count	A	iii-v, vi-ix, x-xii, i-ii
110	<i>Cyrestis thyodamas</i> (Boisduval, 1846)	Common Map	A	iii-v, vi-ix, x-xii, i-ii
111	<i>Danaus chrysippus</i> (Linnaeus, 1758)	Plain Tiger	C	iii-v, vi-ix, x-xii
112	<i>Danaus genutia</i> (Cramer, [1779])	Common Tiger	A	iii-v, vi-ix, x-xii, i-ii
113	<i>Discophora sondiaca</i>	Common Duffer	A	iii-v, vi-ix, x-xii,

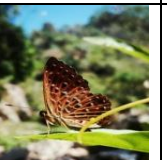
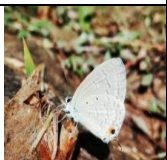
	Boisduval, 1836			i-ii
114	<i>Elymniini malelas</i> (Hewitson, 1863)	Spotted Palmfly	A	iii-v, vi-ix, x-xii, i-ii
115	<i>Euploea core</i> (Cramer, [1780])	Common Crow	A	iii-v, vi-ix, x-xii, i-ii
116	<i>Euploea mulciber</i> (Cramer, [1777])	Striped Blue Crow	C	iii-v, vi-ix, x-xii, i-ii
117	<i>Euthalia aconthea</i> (Cramer, [1777])	Common Baron	U	vi-ix, x-xii
118	<i>Euthalia lubentina</i> (Cramer, [1777])	Gaudy Baron	R	vi-ix
119	<i>Euthalia monina</i> (Fabricius, 1787)	Powdered Baron	VR	vi-ix
120	<i>Hestinalis nama</i> (Doubleday, 1844)	Circe	A	iii-v, vi-ix, x-xii, i-ii
121	<i>Hestina persimilis</i> (Westwood,[1850])	Siren	VR	vi-ix
122	<i>Heteropsis malasara</i> (Moore, 1857)	White Line Bushbrown	A	iii-v, vi-ix, x-xii, i-ii
123	<i>Hypolimnas bolina</i> (Linnaeus, 1758)	Great Eggfly	R	vi-ix, x-xii
124	<i>Junonia almana</i> (Linnaeus, 1758)	Peacock Pansy	C	iii-v, vi-ix, x-xii
125	<i>Junonia atlites</i> (Linnaeus, 1763)	Grey Pansy	A	iii-v, vi-ix, x-xii, i-ii
126	<i>Junonia hierta</i> (Fabricius, 1798)	Yellow Pansy	VR	iii-v
127	<i>Junonia iphita</i> (Cramer, [1779])	Chocolate Pansy	A	iii-v, vi-ix, x-xii, i-ii
128	<i>Junonia lemonias</i> (Linnaeus, 1758)	Lemon Pansy	A	iii-v, vi-ix, x-xii, i-ii
129	<i>Junonia orithya</i> (Linnaeus, 1758)	Blue Pansy	R	vi-ix, x-xii
130	<i>Kallima inachus</i> (Boisduval, 1846)	Orange Oakleaf	A	iii-v, vi-ix, x-xii, i-ii
131	<i>Kaniska canace</i> (Linnaeus, 1763)	Blue Admiral	R	iii-v, vi-ix
132	<i>Lethe chandica</i> (Moore, [1858])	Angled Red Forester	C	iii-v, vi-ix, x-xii
133	<i>Lethe confusa</i> (Aurivillius, 1898)	Banded Treebrown	A	iii-v, vi-ix, x-xii, i-ii
134	<i>Lethe europa</i> (Fabricius, 1775)	Bamboo Treebrown	R	iii-v, vi-ix
135	<i>Lethe kansa</i> (Moore, 1857)	Bamboo Forester	VR	iii-v
136	<i>Lethe mekara</i> (Moore, [1858])	Common Red Forester	R	vi-ix, x-xii

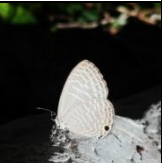
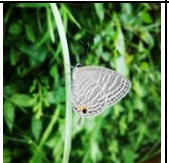
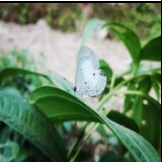
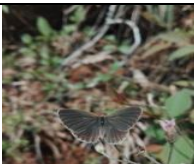
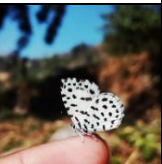
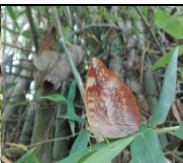
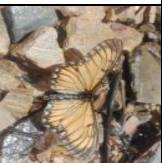
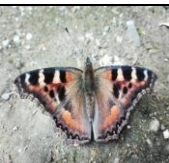
137	<i>Melanitis leda</i> (Linnaeus, 1758)	Common Evening Brown	A	iii-v, vi-ix, x-xii, i-ii
138	<i>Melanitis phedima</i> (Cramer, [1780])	Dark Evening Brown	R	vi-ix, x-xii
139	<i>Neptis cartica</i> Moore, 1872	Plain Sailer	U	iii-v, vi-ix, x-xii
140	<i>Neptis hylas</i> (Linnaeus, 1758)	Common Sailer	A	iii-v, vi-ix, x-xii, i-ii
141	<i>Neptis sankara</i> (Kollar, [1844])	Broad-banded Sailer	C	vi-ix, x-xii
142	<i>Orsotriaena medus</i> (Fabricius, 1775)	Jungle Brown	A	iii-v, vi-ix, x-xii, i-ii
143	<i>Pantaporia hordonia</i> (Stoll, [1790])	Common Lascar	C	iii-v, vi-ix, x-xii
144	<i>Parantica aglea</i> (Stoll, [1782])	Glassy Tiger	C	iii-v, vi-ix, x-xii
145	<i>Phalanta phalantha</i> (Drury, 1773)	Common Leopard	R	vi-ix, x-xii
146	<i>Polyura athamas</i> (Drury, [1773])	Common Nawab	A	iii-v, vi-ix, x-xii, i-ii
147	<i>Polyura eudamippus</i> (Doubleday, 1843)	Great Nawab	VR	iii-v
148	<i>Sephisa chandra</i> (Moore, [1858])	Eastern Courtier	VR	vi-ix
149	<i>Stibochiona nicea</i> (Gray, 1846)	Popinjay	VR	vi-ix
150	<i>Symbrenthia hypselis</i> (Godart, [1824])	Spotted Jester	R	iii-v
151	<i>Symbrenthia lilaea</i> (Hewitson, 1864)	Common Jester	A	iii-v, vi-ix, x-xii, i-ii
152	<i>Tanaecia julii</i> (Lesson, 1837)	Common Earl	C	iii-v, vi-ix, x-xii
153	<i>Tirumala septentrionis</i> (Butler, 1874)	Dark Blue Tiger	R	iii-v, vi-ix
154	<i>Vagrans egista</i> (Cramer, [1780])	Vagrant	A	iii-v, vi-ix, x-xii, i-ii
155	<i>Vanessa cardui</i> (Linnaeus, 1758)	Painted Lady	R	iii-v, vi-ix
156	<i>Vanessa indica</i> (Herbst, 1794)	Indian Red Admiral	A	iii-v, vi-ix, x-xii, i-ii
157	<i>Ypthima baldus</i> (Fabricius, 1775)	Common Fivering	A	iii-v, vi-ix, x-xii, i-ii
158	<i>Ypthima newara</i> (Moore, [1875])	Newar Threering	VR	vi-ix

				
1. Tailed Jay	2. Glassy Bluebottle	3. Common Bluebottle	4. Common Rose	5. Common Peacock
				
6. Lime Butterfly	7. Red Helen	8. Yellow Swallowtail	9. Great Mormon	10. Yellow Helen
				
11. Paris Peacock	12. Common Mormon	13. Spangle	14. Dingy Scrub Hopper	15. Paintbrush Swift
				
16. Orange-Tailed Awl	17. Bevan's Swift	18. Colon Swift	19. Purple Swift	20. Common Spotted Flat
				
21. Banana Skipper	22. Dusky Yellow-breast	23. Common Awl	24. Common Banded Awl	25. Chestnut Bob

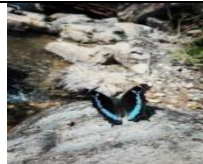
				
26. Common Red- Eye	27. Purple Red- Eye	28. Restricted Demon	29. Chestnut Angle	30. Obscure Branded Swift
				
31. Small Branded Swift	32. Pale Dart	33. Fulvous Pied Flat	34. Common Small Flat	35. Tufted Ace

				
36. Dark Palm Dart	37. Spotted Snow Flat	38. Grass Demon	39. Great Blackvein	40. Chocolate Albatross
				
41. Common Emigrant	42. Mottled Emigrant	43. Common Gull	44. Lesser Gull	45. Pale Clouded Yellow

				
46. Dark Clouded Yellow	47. Red- breast Jezabel	48. Hill Jezabel	49. Painted Jezabel	50. Red-base Jezabel
				
51. One-spot Grass Yellow	52. Three-spot Grass Yellow	53. Small Grass Yellow	54. Common Grass Yellow	55. Spotless Grass Yellow
				
56. Himalayan Brimstone	57. Great Orange Tip	58. Yellow Orange Tip	59. Indian Cabbage White	60. Bath White
				
61. Spotted Sawtooth	62. Dark Judy	63. Tailed Judy	64. Punchinello	65. Common Hedge Blue
				
66. Ciliate Blue	67. Common Pierrot	68. Forgetmenot	69. Orchid tit	70. Angled Sunbeam

				
71. Bright Sunbeam	72. Gram Blue	73. Indian Cupid	74. Purple Sapphire	75. Indian Purple Sapphire
				
76. Sorrel Sapphire	77. Silverstreak Blue	78. Metallic Cerulaen	79. Common Cerulean	80. Pea Blue
				
81. Moth Butterfly	82. Plains Cupid	83. Malayan	84. Quaker	85. Tailless Line Blue
				
86. Pale Grass Blue	87. Long Banded Silverline	88. Forest Pierrot	89. Blue Imperial	90. pale Hedge Blue
				
91. Fluffy Tit	92. Sergeant Major	93. Yellow Coster	94. Tawny Coster	95. Indian Tortoise Shell

				
96. Indian Fritillary	97. Orange Staff Sergeant	98. Bhutan Sergeant	99. Colour Sergeant	100. Blackvein Sergeant
				
101. Staff Sergeant	102. Commodore	103. Ringed Argus	104. Hybrid Argus	105. Leopard Lacewing
				
106. Tawny Rajah	107. Common Maplet	108. Rustic	109. Grey Count	110. Common Map
				
111. Plain Tiger	112. Common Tiger	113. Common Duffer	114. Spotted Palmfly	115. Common Crow
				
116. Blue Striped Crow	117. Common Baron	118. Gaudy Baron	119. Powdered Baron	120. Circe

				
121. Siren	122. White Line Bushbrown	123. Great Eggfly	124. Peacock Pansy	125. Grey Pansy
				
126. Yellow Pansy	127. Chocolate Pansy	128. Lemon Pansy	129. Blue Pansy	130. Orange Oakleaf
				
131. Blue Admiral	132. Angled Red Forester	133. Banded Treebrown	134. Bamboo Treebrown	135. Bamboo Forester
				
136. Common Red Forester	137. Common Evening Brown	138. Dark Evening Brown	139. Plain Sailer	140. Common Sailer
				
141. Broad-banded Sailer	142. Jungle Brown	143. Common Lascar	144. Glassy Tiger	145. Common Leopard

				
146. Common Nawab	147. Great Nawab	148. Eastern Courtier	149. Popinjay	150. Spotted Jester
				
151. Common Jester	152. Common Earl	153. Dark Blue Tiger	154. Vagrant	155. Painted Lady
				
156. Indian Red Admiral	157. Common Fiverring	158. Newar Threering		