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Cover Photo by Peter Smetacek of a Salassa mizorama Moth

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BUTTERFLIES (LEPIDOPTERA: PAPILIONOIDEA) OF CHHATTISGARH, INDIA

ANUPAM SISODIA

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Reviewer: Peter Smetacek

Keywords: Butterflies, Chhattisgarh, New Records, Lepidoptera

Abstract

An updated checklist comprising 159 species of butterflies of Chhattisgarh, based on field data collected between September, 2013 and November, 2019 and compilation of previous works is presented. 19 species have been added of which 8 are range extensions and 11 species are confirmatory record from the state. 7 species reported by previous workers require confirmation and are thus placed on a tentative list

Introduction

A total of 174 species of butterflies were reported from present day Madhya Pradesh and Chhattisgarh by Chandra *et al.* (2007) on the basis of literature of the Central Provinces (Forsayeth (1884), Swinhoe (1886), de Nicéville (1890), Betham (1890, 1891), Witt (1909), Evans (1932), Talbot (1939, 1947) and Wynter-Blyth (1957)). The list also included recent studies and stray records of butterflies of Madhya Pradesh and Chhattisgarh including those by Singh (1977); Gupta & Shukla (1987); Chaudhary (1995); Chandra *et al.*, (2000a, b & 2002); Singh & Chandra (2002); Siddiqui & Singh (2004) and Chandra (2006).

In present day Chhattisgarh, an area-specific study was conducted by Chandra *et al.* (2014) in 10 districts out of the 27 districts of the new state, in which 137 species were reported. Dubey *et al.* (2015) added 5 species to the butterflies fauna of Chhattisgarh. Further, Sisodia *et al.* (2019) added 6 species during the course of data collection as part of this study.

Material and Methods

Study Area

In this study, three previously unsurveyed districts were investigated, namely Raigarh, Mungeli and Janjgir-Champa in addition to districts surveyed by Chandra et al., (2014). Chhattisgarh is situated between 17° to 23°7' North latitude and 80°40'to 83°38'East longitude. It comprises an area of 1,35, 194 square kilometers divided into 27 districts. Chhattisgarh is host to a variety of forest types including dry-deciduous, moist-deciduous, grasslands, bamboo and small patches of evergreen forests (Chandra et al., 2014) whose subsurface water systems feed into its major river, Mahanadi and other smaller rivers like Sheonath, Hasdeo, Mand, Eeb, Pairi, Jonk, Kelo, Udanti, Indrawati, Arpa and Maniyari. Temperature in Chhattisgarh varies between 30° and 48°C (86° and 118°F) in summer and between 0° and 25 °C (32° and 77 °F) during winter. The northern and southern part of Chhattisgarh has hilly terrain and central Chhattisgarh comprises plains.

Methods

This study is a result of opportunistic surveys undertaken between September, 2013 and November, 2019. Data was collected from eight districts, namely Bastar, Bilaspur, Jashpur, Raipur, Sarguja, Raigarh, Mungeli and Janjgir-Champa. Likely sites were visited during the day time on sunny days at suitable seasons, the paths followed on foot were randomly chosen and the main criterion for deciding suitable paths was the likelihood of encountering butterflies along the way. The criteria varied according to season.

In this study, genera that require physical handling or dissection in order to establish specific status i.e. *Mycalesis* Hubner, 1818, *Baoris* Moore, [1881], *Telicota* Moore, [1881], *Borbo* Evans, 1949 and *Pelopidas* Walker, 1870 are not included.

The specimens were identified using Evans (1932), Kehimkar (2008, 2016), Varshney & Smetacek (2015), Bhakare & Ogale. 2018 and Smetacek [2016]. Families and subfamilies of butterflies have been arranged and tabulated according to Varshney & Smetacek (2015).

Results

The present study has resulted in the addition of 19 species of butterflies (Appendix-1) to the previously published list by Chandra *et al.* (2014), which reports 137 species and Dubey *et al.* (2015) which reports 5 species from the state of Chhattisgarh. New additions to butterflies of Chhattisgarh and a complete, updated list is presented in Appendix-2.

There are seven species (Appendix-3) which have been put on a tentative list, since there have been no further records of these species since the original reports. Varshney & Smetacek (2015) do not include these species from Chhattisgarh, so their presence requires confirmation.

Perusal of the list by Chandra *et al.* (2014) brought to light misidentification of two species whose presence they had reported only on the basis of photographic evidence. These are *Catochrysops panormus* (C. Felder, 1860) which is actually *Catochrysops strabo* (Fabricius, 1793) and *Petrelaea dana* (de Niceville, [1884]) which is actually *Prosotas dubiosa* (Semper, [1879]). Sisodia (2019) photographed *P. dana* in Bastar and therefore, *P. dana* is retained on the list of Chhattisgarh butterflies on the basis of this record while *C. panormus* is hereby removed from the list of Chhattisgarh butterflies until convincing evidence of its presence is examined.

Discussion

Kehimkar (2016) provided general distribution of species in South Asia while

Varshney & Smetacek (2015) provided statewise distribution of species within India.

The distribution of *Zeltus amasa* (Hewitson, 1865) Fluffy Tit which was earlier recorded from Goa to Kerala, Sikkim to N.E. India and *Neopithecops zalmora* (Butler, [1870]) Quaker which was earlier recorded from Andaman & Nicobar Is., Gujarat to Kerala, Jammu & Kashmir to N.E. India and Odisha is hereby extended to Chhattisgarh. They are the first records from Central India.

The generosity of Jagdeoram Bhagat, Rahul Singh and Nileshkumar Kshirsagar in sharing their confirmatory records of the presence of thetis (Drury, [1773]) Curetis Sunbeam, Euploea sylvester (Fabricius, 1793) Double Banded Crow and Spalgis epius (Westwood, 1852) Common Apefly is gratefully acknowledged. In addition to these, the presence of Prosotas nora (C. Felder, 1860) Common Lineblue: Azanus ubaldus (Stoll, [1782]) Bright Babul Blue: Megisba malaya (Horsfield, [1828]) Malayan; Chilades lajus (Stoll, [1780]) Lime Blue; Polyura agraria (Swinhoe, 1887) Anomalous Nawab, Charaxes psaphon Westwood, 1874 Plain Tawny Rajah: and Ypthima asterope (Klug. 1832) Common Threering is also hereby confirmed from Chhattisgarh. These butterfly species were perhaps always present but escaped the surveys conducted earlier. This indicates that there is a possibility of further species being added to the list in due course.

Acknowledgement

I am grateful to Parag Rangnekar, Peter Smetacek and Bhawana Luthra for equipping and enabling me to conduct this study.

This study has benefitted immensely from the watchful eyes of Jaspal Saini, Devjyoti Banerjee, Anil Pandey, Saurabh Singh, Umesh Sahu, Samar Vijay Prasad, Rohit Kalyari and Ravi Naidu. They have periodically shared information of their immediate surrounding which has aided in planning field visits.

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Finally, thanks to District Administration of Jashpur for supporting a month long study. This has shown the way to the other lesser documented districts of the country to engage local stakeholders in biodiversity documentation, the advocacy for the need of documentation by Manjeet Kaur Bal is much appreciated. It is due to her advocacy foundation stone of study in Jashpur was laid, under the leadership of Collector & DM Jashpur, Nileshkumar Kshirsagar.

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Appendix-1 (New Additions to the State)

F	Appendix-1 (New Additions to the State)							
S. N	Scientific Name	Common Name	Recorded from	Distribution in India (Varshney & Smetacek (2015))	Remarks			
FAMI	LY: LYCAENIDA	AE						
Subfan	nily: CURETINAE							
1.	Curetis acuta	Angled	Jashpur, Bastar	Himachal Pradesh to N.E.	Recorded			
	Moore, 1877	Sunbeam		India; Gujarat to Kerala;	on 19/iv/19			
				Madhya Pradesh to Odisha				

		1	1	1						
2.	Curetis thetis (Drury, [1773])	Indian Sunbeam	Jashpur	Andaman & Nicobar Is., Gujarat east to Odisha and south to Kerala	Recorded on 03/x/17					
Subfa	Subfamily: PORITINAE									
3.	Poritia hewitsoni Moore, [1866]	Common Gem	Bastar	Uttarakhand to N.E. India	Recorded on 31/x/18					
Subfa	mily: MILETINAE									
4.	Spalgis epius (Westwood, 1852)	Common Apefly	Jashpur	Uttarakhand to N.E. India; Gujarat to Kerala and east to W. Bengal; Andaman & Nicobar Is.	Recorded on 09/v/19					
Subfa	mily: THECLINAE									
5.	Horaga onyx (Moore, 1858)	Common Onyx	Jashpur	Maharashtra to Kerala; Himachal Pradesh to N.E. India; Andaman & Nicobar Is.	Recorded on 11/iv/19					
6.	Zeltus amasa (Hewitson, 1865)	Fluffy Tit	Bastar	Goa to Kerala, Nepal to N.E. India	Recorded on 21/x/17					
7.	Rapala varuna (Horsfield, [1829])	Indigo Flash	Jashpur	Himachal Pradesh to Uttarakhand; Maharashtra to Kerala, W. Bengal; Andaman & Nicobar Is., Sikkim to N.E. India	Recorded on 18/iv/19					
Subfa	mily: POLYOMMA	NTINAE			•					
8.	Petrelaea dana (de Niceville, [1884])	Dingy Lineblue	Bastar	Uttarakhand to N.E. India; Maharashtra to Kerala; Jharkhand and Andaman Is.	Recorded on 24/vii/18					
9.	Prosotas nora (C. Felder, 1860)	Common Lineblue	Raipur, Raigarh	Andaman & Nicobar Islands, throughout India except arid regions	Recorded on 04/viii/17					
10.	Azanus ubaldus (Stoll, [1782])	Bright Babul Blue	Raigarh	Throughout India except N.E. States	Recorded on 12/viii/17					

11.	Neopithecops zalmora (Butler, [1870])	Quaker	Bastar	Andaman & Nicobar Is., Gujarat to Kerala, Jammu & Kashmir to N.E. India and Odisha	Recorded on 21/x/17
12.	Megisba malaya (Horsfield, [1828])	Malayan	Bastar	Andaman & Nicobar Is., Uttarakhand to N.E. India, Odisha, Maharashtra to Kerala, Sikkim, South India to W. Bengal.	Recorded on 21/x/17
13.	Chilades lajus (Stoll, [1780])	Lime Blue	Raipur, Raigarh	Throughout India	Recorded on 26/vi/17
14.	Chilades parrhasius (Fabricius, 1793)	Small Cupid	Jashpur	Rajasthan to Kerala; eastwards to Uttar Pradesh; Himachal Pradesh and Uttarakhand.	Recorded on 20/v/19
	ILY: NYMPHALI	DAE			ı
	mily: DANAINAE	•	T		•
15.	Euploea sylvester (Fabricius, 1793)	Double Branded Crow	Raipur	Peninsular India, Sikkim and Assam, Andaman Islands	Recorded on 18/vi/17
Subfa	mily: CHARAXINA	AE	l .		1
16.	Polyura agraria (Swinhoe, 1887)	Anomalou s Nawab	Janjgir-Champa, Raipur	Gujarat to Madhya Pradesh and Kerala, Himachal to N.E. India	Recorded on 11/x/16
17.	Charaxes psaphon Westwood, 1874	Plain Tawny Rajah	Raigarh, Bastar	Peninsular India as far north as Gujarat, Madhya Pradesh, Odisha to N.E. India	Recorded on 11/viii/17
Subfa	mily: SATYRINAE	1			
18.	Ypthima asterope (Klug, 1832)	Common Threering	Jashpur	Throughout India	Recorded on 20/v/19
Subfa	mily: HELICONIIN	ĪĀĒ		•	•
19.	Vagrans egista (Cramer, [1780])	Vagrant	Bastar	Uttarakhand to N.E. India; Jharkhand, Odisha, W. Bengal.	Recorded on 24/vii/19

Appendix- 2 (Updated List)

District-wise distribution of butterflies recorded from Chhattisgarh. *Note: New district records are in bold and S no.* ** denotes that the species has been recorded in the present study as well.

S.N	Scientific Name	Common Name	Distribution in Chhattisgarh	Distribution in India (Varshney & Smetacek (2015))	Remarks					
	Superfamily: PAPILIONOIDEA									
	A. Family: PAPILIONIDAE									
I. Subfa	mily: PAPILION	NAE	T	T	1					
1.**	Pachliopta aristolochiae (Fabricius, 1775)	Common Rose	Bastar, Kabirdham, Raipur, Raigarh	Throughout India						
2.	Pachliopta hector (Linnaeus, 1758)	Crimson Rose	Bastar	Peninsular India to W. Bengal. Straggler to the Andamans and Uttarakhand						
3.**	Papilio clytia Linnaeus, 1758	Common Mime	Bastar, Bilaspur, Jashpur, Koriya	Throughout India except Jammu & Kashmir, Punjab and Rajasthan, below 2750 m elevation						
4.**	Papilio crino Fabricius, 1793	Common Banded Peacock	Bastar, Kabirdham, Koriya, Jashpur	Peninsular India as far north as W. Bengal						
5.**	Papilio demoleus Linnaeus, 1758	Lime Butterfly	Bastar, Dantewara, Kanker, Koriya, Raigarh, Raipur, Surguja, Janjgir - Champa, Bilaspur, Mungeli, Jashpur	Throughout India below 2000 m elevation						
6.**	Papilio polymnestor Cramer, [1775]	Blue Mormon	Bastar, Dantewara, Kabirdham, Surguja, Raipur, Raigarh, Bilaspur, Jashpur	Peninsular India as far north as W.Bengal and Bangladesh, to Madhya Pradesh and Gujarat						
7.**	Papilio polytes Linnaeus, 1758	Common Mormon	Bastar, Dantewara, Durg, Kabirdham, Koria, Surguja, Raipur, Raigarh, Jashpur	Throughout India below 2000 m elevation						

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8.**	Graphium	Tailed Jay	Bastar, Raipur,	Uttarakhand to N.E.	
	agamemnon		Jashpur	India, Andaman	
	(Linnaeus,			Island and central	
	1758)			Nicobar Islands,	
				Kerala to Gujarat	
				and W. Bengal	
9.**	Graphium	Common Jay	Bastar, Raipur,	J&K to N.E. India,	
	doson (C & R.		Bilaspur, Jashpur	Delhi, South India	
	Felder, 1864)		2 , 2	to W. Bengal	
10.**	Graphium	Spot Swordtail	Bastar, Korba,	Delhi, Rajasthan,	
	nomius		Jashpur, Koriya,	Sikkim,	
	(Esper, 1799)		Mungeli, Jashpur	Uttarakhand, Uttar	
				Pradesh, Bihar,	
				throughout drier	
				parts of Southern	
				India to W. Bengal	
B. Fam	ily: HESPERIID	AE			
I.Subfar	nily: COELIADIN	NAE			
11.	Burara jaina	Orange Awlet	Bastar	Andaman &	Reported
	(Moore,			Nicobar Is;	in
	[1866])			Maharashtra to	Dubey et
				Kerala; Himachal	al. (2015)
				Pradesh to N.E.	, ,
				India	
12.**	Badamia	Brown Awl	Bilaspur, Koriya,	Throughout India,	
	exclamationis		Bastar, Raigarh	Andaman Islands	
	(Fabricius,				
	1775)				
13.**	Hasora	Common Banded	Bastar, Koriya,	Throughout India	
	chromus	Awl	Raipur, Raigarh,	and Andaman &	
	(Cramer,		Jashpur	Nicobar Islands	
	1780)		•		
14.	Hasora vitta	Plain Banded	Bastar	Sikkim to N.E.	Reported
	(Butler, 1870)	Awl		India; Goa to	in
				Kerala; Andaman &	Dubey et
				Nicobar Is.	al. (2015)
					(/
II. Subfa	amily: PYRGINA	E	L	1	1
15.	Coladenia	Tricolored Pied	Surguja	Gujarat eastwards to	
	indrani	Flat		W. Bengal and	
	(Moore,			southward to	
	[1866])			Kerala, Himachal	
	[]/			Pradesh to N.E.	
				India excluding	
				Manipur	
	1		i .		

16.	Tagiades japetus (Stoll, [1781])	Suffused Snow Flat	Bastar	Andaman &Nicobar Islands, Gujarat to Kerala, Uttarakhand to N.E. India, Madhya Pradesh to W. Bengal	as Common Snow Flat in Chandra et al.,(2014)
17.	Odontoptilum angulatum (C. & R. Felder, 1862)	Chestnut Angle	Bastar	Maharashtra to Kerala; Himachal Pradesh to N.E. India	Reported in Dubey et al. (2015)
18.	Caprona ransonnetti (Felder, 1868)	Golden Angle	Bilaspur, Bastar	Gujarat east to Jharkhand and south to Kerala	
19.	Celaenorrhin us ambareesa (Moore, 1866)	Malabar Flat	Kabirdham	Peninsular India south from Gujarat and Madhya Pradesh	
20.**	Celaenorrhin us leucocera (Kollar, 1844)	Common Spotted Flat	Bastar	Gujarat eastwards to W. Bengal and southwards to Kerala, Jammu & Kashmir to N.E. India, Andaman & Nicobar Islands	
21.	Spialia galba (Fabricius, 1793)	Indian Skipper	Bastar, Bilaspur, Kanker, Surguja	Throughout India	
	amily: HESPERI			_	
22.**	Iambrix salsala (Moore, [1866])	Chestnut Bob	Bastar	Gujarat to Kerala, Uttarakhand to N.E. India	Reported in Dubey et al. (2015)
23.**	Notocrypta curvifascia (C. & R. Felder, 1862)	Restricted Demon	Bastar	Andaman & Nicobar Islands, Maharashtra to Kerala, Himachal to N.E. India	
24.**	Udaspes folus (Cramer, [1775])	Grass Demon	Bastar, Bilaspur, Jashpur	Gujarat to West Bengal and south to Kerala, Himachal to N.E. India	
25.	Suastus gremius	Indian Palm Bob	Bilaspur, Surguja	Throughout India	

	(Fabricius, 1798)				
26.	Cupitha purreea (Moore, 1877)	Wax Dart	Bastar	Maharashtra to Kerala; Jharkhand; Sikkim to N.E. India	Reported in Dubey et al. (2015)
27.	Pseudoborbo bevani (Moore, 1878)	Bevan's Swift	Bastar	Gujarat east to W. Bengal and southwards to Kerala, Jammu & Kashmir to N.E. India	
28.	Borbo cinnara (Wallace, 1866)	Rice Swift	Bastar	Throughout India except Jammu & Kashmir	
29.	Pelopidas mathias (Fabricius, 1798)	Variable Swift	Bastar, Surguja	Throughout India including Andaman & Nicobar Islands	as Small Branded Swift in Chandra et al. (2014)
30.	Baoris farri (Moore, 1878)	Paintbrush Swift	Bilaspur	Maharashtra southwards to Kerala and eastwards to W. Bengal, Uttarakhand to N.E. India, Andaman & Nicobar islands	
31.	Caltoris kumara (Moore, 1878)	Blank Swift	Bastar, Bilaspur	Gujarat eastwards to Chhattisgarh and southwards to Kerala, Sikkim to N.E. India	
32.	Telicota bambusae (Moore, 1878)	Dark Palm Dart	Bastar	Throughout India except Rajasthan	as Telicota ancilla (Herrich- Schäffer) in Chandra et al., 2014

22	T-1:4 1	C D.1	C	Contampt to W	D-1
33.	Telicota colon	Common Palm	Sarguja	Gujarat to W.	as Pale
	(Fabricius,	Dart		Bengal and	Palm Dart
	1775)			southwards to	in
				Kerala, Delhi to	Chandra
				Uttar Pradesh,	et al.,
				Uttarakhand to	2014
				Sikkim	
	ily: PIERIDAE				
	nily: COLIADINA	AE			
34.**	Catopsilia	Common	Bastar, Bilaspur,	Throughout India	
	pomona	Emigrant	Durg, Jashpur,		
	(Fabricius,		Kanker,		
	1775)		Kabirdham, Korba,		
			Raigarh, Raipur,		
			Surguja		
35.**	Catopsilia	Mottled Emigrant	Bastar, Bilaspur,	Throughout India	
	pyranthe		Durg, Kabirdham,		
	(Linnaeus,		Kanker, Koria,		
	1758)		Raigarh, Raipur,		
			Surguja		
36.**	Eurema	Small Grass	Bastar, Dantewara,	Throughout India	as Eurema
	brigitta (Stoll,	Yellow	Kanker, Raigarh	including Andaman	brigitta
	[1780])		, 6	& Nicobar Islands	(Cramer)
	1,				in
					Chandra
					et al
					2014
37.**	Eurema	Common Grass	Bastar, Dantewara,	Throughout India	
	hecabe	Yellow	Durg, Raipur,	including Andaman	
	(Linnaeus,		Raigarh, Jashpur,	& Nicobar Islands	
	1758)		Kabirdham,		
	1700)		Kanker, Surguja		
38.**	Eurema laeta	Spotless Grass	Bastar, Bilaspur,	Throughout India	
	(Boisduval,	Yellow	Dantewara, Kanker,		
	1836)		Raigarh, Raipur		
II. Subfa	amily: PIERINAE	<u>.</u>	,	1	1
39.**	Leptosia nina	Psyche	Bastar, Raigarh,	Throughout India	
	(Fabricius,	•	Bilaspur		
	1793)				
40.	Colotis	Plain Orange Tip	Bastar	Goa, Gujarat,	as Colotis
	aurora	- 6- F		Karnataka, Kerala,	eucharis
	(Cramer,			Madhya Pradesh,	(Fabricius
	[1780])			Maharashtra, Tamil)in
	[1,00]/			Nadu	Chandra
				11444	et al.,
					2014
				1	2014

41.	Colotis fausta (Olivier, 1804)	Large Salmon Arab	Bastar	Delhi, Haryana, Gujarat, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Uttar Pradesh	
42.	Appias lyncida (Cramer, [1777])	Chocolate Albatross	Bastar, Dantewara	Sikkim to N.E. India, South Nicobar Island, Maharashtra to Kerala	
43.**	Belenois aurota (Fabricius, 1793)	Pioneer	Bilaspur, Surguja, Jashpur	Throughout India except N.E. States	
44.**	Cepora nerissa (Fabricius, 1775)	Common Gull	Bastar, Dantewara, Kanker, Raipur, Sarguja, Bilaspur	Andhra Pradesh, Chhattisgarh, Delhi, Goa, Gujarat, Haryana, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Rajasthan, Tamil Nadu, W. Bengal	
45.**	Delias eucharis (Drury, 1773)	Common Jezabel	Bastar, Dantewara, Koriya, Raigarh, Raipur, Surguja, Jashpur	Throughout India except Andaman & Nicobar, Lakshadweep	
46.	Delias hyparete (Linnaeus, 1758)	Painted Jezabel	Bastar, Dantewara	Sikkim to N.E. India, Andhra Pradesh, Odisha, Tamil Nadu	
47.**	Pareronia hippia (Fabricius, 1787)	Common Wanderer	Bastar, Dantewara, Kabirdham, Kanker, Jashpur, Raipur, Bilaspur	Throughout India except J&K, Punjab and Rajasthan	
	ily: RIODINIDA nily: RIODININA				
48.**	Abisara echerius (Stoll, [1790])	Plum Judy	Bastar, Dantewara, Surguja, Koriya, Raipur, Raigarh, Jashpur	Assam, Manipur, Kerala, Tamil Nadu	There is uncertaint y about the distributio n of this taxon and

E. Fami	ily: LYCAENIDA	AE			Abisara bifasciata in India so the present placement is tentative.
	nily: CURETINA				
49.**	Curetis acuta Moore, 1877	Angled Sunbeam	Jashpur, Bastar	Himachal Pradesh to N.E. India; Gujarat to Kerala; Madhya Pradesh to Odisha	
50.**	Curetis thetis (Drury, [1773])	Indian Sunbeam	Jashpur	Andaman & Nicobar, Gujarat east to Odisha and south to Kerala	
51.**	ily: PORITINAE Poritia hewitsoni Moore, [1866]	Common Gem	Bastar	Uttarakhand to N.E. India	
	ily: MILETINAE	T =	T	T	1
52.**	Spalgis epius (Westwood, 1852)	Common Apefly	Jashpur	Uttarakhand to N.E. India; Gujarat to Kerala and east to W. Bengal; Andaman & Nicobar Is.	
II. Subfa	amily: APHNAEI	NAE		II.	•
53.**	Spindasis vulcanus(Fabr icius, 1775)	Common Silverline	Bastar, Korba, Koriya, Surguja	Throughout India	
	family: THECLIN		T	1	
54.**	Arhopala amantes (Hewitson, 1862)	Large Oakblue	Bastar, Bilaspur, Korba, Jashpur, Koriya	Gujarat to Andhra Pradesh and southwards to Kerala, Arunachal to Manipur	
55.**	Arhopala atrax (Hewitson, 1862)	Indian Oakblue	Bilaspur, Korba, Jashpur, Surguja, Raipur	Peninsular India, Jammu & Kashmir to N.E. India	
56.	Arhopala centaurus	Centaur Oakblue	Bastar	Andaman & Nicobar Islands,	as Western

	(Fabricius, 1775)			Maharashtra to Kerala, Uttarakhand to N.E. India	Centaur Oakblue in Chandra et al., 2014
57.**	Zesius chrysomallus Hübner, [1819]	Redspot	Korba, Jashpur	Maharashtra to Kerala, Uttarakhand, Uttar Pradesh to N.E. India	
58.**	Amblypodia anita Hewitson, 1862	Purple Leaf Blue	Bastar, Janjgir- Champa, Raipur	Andaman &Nicobar Islands, Gujarat to Kerala and W. Bengal, Manipur	as Leaf Blue in Chandra et al., 2014
59.	Iraota timoleon (Stoll, [1790])	Silverstreak Blue	Bastar	Gujarat to Madhya Pradesh and Kerala, Andaman & Nicobar Isalands, Odisha, Uttarakhand to N.E. India	as Blue Silverstrea k in Chandra et al., 2014
60.**	Loxura atymnus (Stoll, 1780)	Yamfly	Bastar, Bilaspur, Koriya, Jashpur	Maharashtra and Madhya Pradesh to Kerala, Uttarakhand to W. Bengal & N.E. India, Andaman & Nicobar	
61.**	Horaga onyx (Moore, 1858)	Common Onyx	Jashpur	Maharashtra to Kerala; Himachal Pradesh to N.E. India; Andaman & Nicobar Is.	
62.**	Tajuria cippus (Fabricius, 1798)	Peacock Royal	Bastar, Bilaspur, Jashpur	Andaman & Nicobar, throughout India except arid regions	
63.	Tajuria jehana Moore, 1883	Plains Blue Royal	Bastar	Peninsular India, Uttarakhand to N.E. India	
64.**	Chliaria othona (Hewitson,	Orchid Tit	Bastar, Koriya, Raipur, Jashpur	Maharashtra to Kerala, Uttarakhand	

	•		1		
	1865)			to N.E. India,	
				Andaman Islands	
65.**	Zeltus amasa	Fluffy Tit	Bastar, Jashpur	Goa to Kerala,	
	(Hewitson,			Sikkim to N.E.	
	1865)			India	
66.	Deudorix	Common Guava	Bastar	Throughout India	
	isocrates	Blue			
	(Fabricius,				
	1793)				
67.**	Rapala iarbus	Common Red	Bastar, Bilaspur,	Sikkim to N.E.	as Indian
	(Fabricius,	Flash	Jashpur	India, Jammu &	Red Flash
	1787)		_	Kashmir, Odisha,	in
				Punjab, Peninsular	Chandra
				India, Uttarakhand,	et al.,
				Uttar Pradesh and	2014
				W. Bengal	
68.**	Rapala manea	Slate Flash	Bastar, Jashpur	Throughout India,	
	(Hewitson,			Andaman &	
	1863)			Nicobar Island	
69.**	Rapala	Copper Flash	Jashpur	Uttarakhand to N.E.	
	pheretima			India	
	(Hewitson,				
	1863)				
70.**	Rapala	Indigo Flash	Jashpur	Himachal Pradesh	
	varuna			to Uttarakhand;	
	(Horsfield,			Maharashtra to	
	[1829])			Kerala, W. Bengal;	
				Andaman &	
				Nicobar Is., Sikkim	
				to N.E. India	
IV. Sub	family: POLYOM				
71.	Anthene	Ciliate Blue	Korba	Bihar, Sikkim,	
	emolus			Maharashtra	
	(Godart,			southwards, to	
	1824)			Kerala and	
				eastwards to W.	
				Bengal and N.E.	
				India	
72.**	Petrelaea	Dingy Lineblue	Bastar	Uttarakhand to N.E.	
	dana (de			India, Maharashtra	
	Niceville,			to Kerala,	
	[1884])			Jharkhand and	
				Andaman Islands	
73.**	Prosotas	Tailless Lineblue	Bastar, Durg,	India including	
	dubiosa		Raigarh, Raipur,	Andaman &	
	(Semper,		Bilaspur, Jashpur	Nicobar Islands	

	[1879])				
74.**	Prosotas nora (C. Felder, 1860)	Common Lineblue	Raipur, Raigarh, Bilaspur, Jashpur	Andaman & Nicobar Islands, throughout India except arid regions	
75.**	Caleta decidia (Hewitson, 1876)	Angled Pierrot	Bastar, Dantewara, Jashpur	Peninsular India, Sikkim to N.E. India	as Caleta caleta (Hewitson)in Chandra et al., 2014
76.	Jamides alecto (Felder, 1860)	Metallic Cerulean	Bastar	Maharashtra to Kerala, Jharkhand, N.E. India, Andaman & Nicobar Islands	
77.**	Jamides celeno (Cramer, [1775])	Common Cerulean	Bastar, Dantewara Jashpur, Raigarh, Raipur, Bilaspur	Gujarat south to Kerala and eastwards to W. Bengal, Uttarakhand to N.E. India	
78.**	Catochrysops strabo (Fabricius, 1793)	Forgetmenot	Bastar, Bilaspur, Dantewara, Kabirdham, Korba, Raipur, Janjgir- Champa, Jashpur	Throughout India including Andaman & Nicobar Islands	
79.**	Lampides boeticus (Linnaeus, 1767)	Pea Blue	Bastar, Bilaspur, Dantewara, Kanker, Bilaspur	Throughout India including Andaman & Nicobar Islands	
80.**	Syntarucus plinius (Fabricius, 1793)	Zebra Blue	Bastar, Dantewara, Kabirdham, Raipur, Bilaspur, Raigarh, Jashpur	Throughout India except Jammu & Kashmir	
81.**	Castalius rosimon (Fabricius, 1775)	Common Pierrot	Bastar, Bilaspur, Dantewara, Kanker, Surguja, Raigarh, Raipur, Janjgir- Champa, Jashpur	Throughout India including Andaman and Nicobar Islands	
82.**	Zizeeria karsandra (Moore, 1865)	Dark Grass Blue	Bastar, Dantewara, Kanker, Raipur, Surguja, Jashpur	Throughout India, Andaman & Nicobar Islands	as Zizeeria knysna (Trimen) in Chandra

					et al.,
					2014
83.**	Pseudozizeeri a maha (Kollar, [1884])	Pale Grass Blue	Dantewara, Raipur, Raigarh, Bilaspur, Jashpur	Gujarat to Jammu & Kashmir, eastward to N.E. India, Maharashtra to Kerala and Andhra Pradesh	2014
84.**	Zizina otis (Fabricius, 1787)	Lesser Grass Blue	Bastar, Dantewara, Kanker	Throughout India, W. Bengal and Sikkim to N.E. India, Andaman & Nicobar Islands	
85.**	Zizula hylax (Fabricius, 1775)	Tiny Grass Blue	Bastar, Dantewara, Kanker, Jashpur	Throughout India, Andaman & Nicobar Islands	
86.**	Everes lacturnus (Godart, [1824])	Indian Cupid	Jashpur	Himachal to N.E. India, Uttar Pradesh and Bihar, Andaman & Nicobar Islands, Gujarat southwards to Andhra Pradesh and Kerala	as Chilades parrhasiu s (Fabricius) in Chandra et al., 2014
87.**	Azanus ubaldus (Stoll, [1782])	Bright Babul Blue	Raigarh	Throughout India except N.E. States	
88.**	Neopithecops zalmora (Butler, [1870])	Quaker	Bastar	Andaman &Nicobar Islands, Gujarat to Kerala, Jammu & Kashmir to N.E. India and Odisha	
89.**	Megisba malaya (Horsfield, [1828])	Malayan	Bastar	Andaman & Nicobar Islands, Uttarakhand to N.E. India, Odisha, Maharashtra to Kerala, Sikkim, South India to W. Bengal.	
90.**	Acytolepis puspa (Horsfield, [1828])	Common Hedge Blue	Bastar, Raipur , Jashpur	Andaman &Nicobar Islands, Gujarat to Kerala	
91.**	Euchrysops	Gram Blue	Bastar, Dantewara,	Throughout India	

	cnejus		Kanker, Surguja,		
	(Fabricius,		Bilaspur, Raipur,		
	1798)		Jashpur		
92.	Freyeria	Grass Jewel	Surguja, Kabirdham	South India, North	
)2.	trochylus	Grass sewer	Surguju, Ruomanum	India from Punjab	
	(Freyer, 1845)			to N.E. India	
02 **		DI : C :1	D / 17.11		
93.**	Chilades	Plains Cupid	Bastar, Kabirdham,	Throughout India	
	pandava		Jashpur, Koriya,		
	(Horsfield,		Raipur		
	[1829])				
94.**	Chilades lajus	Lime Blue	Raipur,	Throughout India	
	(Stoll, [1780])		Raigarh,Bilaspur,		
			Jashpur		
95.**	Chilades	Small Cupid	Jashpur	Rajasthan to Kerala;	
	parrhasius	· r	•	eastwards to Uttar	
	(Fabricius,			Pradesh; Himachal	
	1793)			Pradesh and	
	1773)			Uttarakhand.	
E Form	ly: NYMPHALI	DAE		Ottaraknana.	
	nily: DANAINAE				
96.**	Danaus	Plain Tiger	Bastar, Bilaspur,	Throughout India	1
90.		Fiam riger		Tilloughout illula	
	chrysippus		Korba, Koriya,		
	(Linnaeus,		Durg, Dantewara,		
	1758)		Jashpur, Raigarh,		
			Surguja, Raipur		
97.**	Danaus	Common Tiger	Bastar, Bilaspur,	Throughout India	
	genutia		Kabirdham, Korba,		
	(Cramer,		Koriya, Raigarh,		
	[1779])		Raipur, Surguja,		
	[]/		Jashpur		
98.**	Parantica	Glassy Tiger	Bastar	Gujarat to Kerala,	
	aglea (Stoll,			Chhattisgarh,	
	[1782])			Odisha, W. Bengal	
99.**	Tirumala	Blue Tiger	Bastar, Dantewara	Throughout India	
99.***		Dide Tiger			
	limniace		Raigarh, Raipur,	including Andaman	
	(Cramer,		Surguja, Jashpur	& Nicobar Island	
	[1775)			and Lakshadweep	
100.	Tirumala	Dark Blue Tiger	Bastar	Gujarat east to	
	septentrionis			Odisha and south to	
	(Butler, 1874)			Kerala, Himachal	
				Pradesh to N.E.	
				India, Andaman &	
				Nicobar Islands	
101.**	Euploea core	Common Crow	Bastar, Bilaspur,	Throughout India,	as
~	(Cramer,		Dantewara,	Andaman &	Common
	[1780])		Durg, Jashpur,	Nicobar Islands	Indian
	[1/00])	l .	Duig, Jasiipui,	1 vicobai islanus	mutali

		T	T == 2 2 22	T	
			Kabirdham,		Crow in
			Raigarh, Raipur		Chandra
					et al.,
					2014
102.**	Euploea	Striped Blue	Bastar	Andhra Pradesh,	
	mulciber	Crow		Chhattisgarh,	
	(Cramer,	C10		Odisha, Jammu &	
	[1777)			Kashmir to N.E.	
	[1////			India, Andaman	
				Islands	
103.**	Euploea	Double Branded	Raipur	Peninsular India,	
105.	•	Crow	Kaipui	· · · · · · · · · · · · · · · · · · ·	
	sylvester	Crow		Sikkim and Assam, Andaman Islands	
	(Fabricius,			Andaman Islands	
TT C 1 C	1793)	NAE			
	mily: CHARAXI		T	G : M !!	
104.**	Polyura	Anomalous	Janjgir-Champa,	Gujarat to Madhya	
	agraria	Nawab	Raipur	Pradesh and Kerala,	
	(Swinhoe,			Himachal to N.E.	
	1887)			India	
105.**	Polyura	Common Nawab	Bastar	Andaman Islands,	
	athamas			Himachal Pradesh	
	(Drury,			to N.E. India,	
	[1773])			Peninsular India	
				south of Gujarat and	
				Jharkhand	
106.**	Charaxes	Tawny Rajah	Bastar, Raipur,	Andaman Is;	
	bernardus		Jashpur	Sikkim to N.E.	
	(Fabricius,		-	India; Uttarakhand	
	1793)			,	
107.**	Charaxes	Plain Tawny	Raigarh, Bastar	Peninsular India as	
	psaphon	Rajah	244794121, 2454412	far north as Gujarat,	
	Westwood,	Tuguii		Madhya Pradesh,	
	1874			Odisha to N.E. India	
108.**	Charaxes	Black Rajah	Bastar, Bilaspur,	Rajasthan to Kerala,	
100.	solon	Diack Rajan	Raipur	Delhi, Himachal	
	(Fabricius,		Kaipui	Pradesh to Sikkim	
III C1-f	1793)	IAT		and W. Bengal	
	amily: SATYRIN		D t D t	Malanastra	
109.**	Elymnias	Common Palmfly	Bastar, Dantewara,	Maharashtra to	
	hypermnestra		Raipur, Raigarh,	Kerala, Punjab to	
	(Linnaeus,		Jashpur	N.E. India, Gujarat	
	1763)				
110.**	Melanitis leda	Common	Bastar, Bilaspur,	Throughout India	
	(Linnaeus,	Evening Brown	Dantewara, Kanker,		
	1758)		Koriya, Raipur,		
			Surguja, Jashpur		

				T	Ī
111.	Melanitis	Great Evening	Bastar, Dantewara	Andaman Islands,	
	zitenius	Brown		Maharashtra to	
	(Herbst, 1796)			Kerala, Andhra	
				Pradesh,	
				Chhattisgarh,	
				Himachal Pradesh	
				to N.E. India	
112.	Lethe drypetis	Tamil Treebrown	Bastar, Bilaspur	Goa to Kerala;	
112.	(Hewitson,	1411111 1100010 1111	Bustan, Bhaspan	Chhattisgarh and	
	1863)			Odisha	
113.**	Lethe europa	Bamboo	Bastar, Raipur,	Punjab and	
113.	(Fabricius,	Treebrown	_	Himachal Pradesh	
	(Fabricius, 1775)	Heediowii	Jashpur	to N.E. India,	
	1773)				
				Andaman Islands,	
				Gujarat eastwards to	
				Odisha and	
				southwards to	
				Kerala, Southern	
				Nicobar Islands	
114.	Lethe rohria	Common	Bastar, Kabirdham	Rajasthan east to W.	
	(Fabricius,	Treebrown		Bengal and south to	
	1787)			Kerala, J&K to N.E.	
				India	
115.	Mycalesis	Lepcha	Bilaspur	N.E. India,	
	lepcha	Bushbrown	-	Himachal to	
	(Moore, 1880)			Uttarakhand	
116.	Mycalesis	Dark-Brand	Bilaspur,	Himachal Pradesh	as Dark
	mineus	Bushbrown	Kabirdham	to N.E. India.	Branded
	(Linnaeus,			Andaman &	Bushbrow
	1758)			Nicobar island.	n in
	-,50,			Peninsular India	Chandra
				from Gujarat to	et al.,
				W.Bengal to Kerala,	2014
				Lakshadweep	2017
117.	Mycalesis	Common	Bastar, Dantewara,	Himachal Pradesh	
11/.	•	Bushbrown	Kabirdham,	to N.E. India,	
	perseus (Fabricius,	Dusilorowii		Peninsular India	
			Kanker, Raipur,		
	1775)		Surguja	south of the	
110	3.6 1 .	I D 1	D (D)	Himalaya to Kerala	
118.	Mycalesis	Long-Brand	Bastar, Dantewara,	Andaman Islands,	
	visala Moore,	Bushbrown	Kanker	Kerala to Odisha,	
	[1858]			Uttarakhand to N.E.	
				India, Gujarat to	
				Goa and Madhya	
				Pradesh to W.	
1				Bengal	

119.**	Orsotriaena medus	Nigger	Bastar, Dantewara	Maharashtra, MP and Chhattisgarh,	
	(Fabricius,			south to Kerala,	
	1775)			Uttarakhand to N.E. India, Haryana to	
				Odisha, Andaman &	
				Nicobar Islands	
120.**	Ypthima	Common	Jashpur	Throughout India	
	asterope (Klug, 1832)	Threering			
121.**	Ypthima	Common	Bastar, Dantewara,	Throughout India	
	huebneri	Fourring	Surguja, Raipur,		
122.**	Kirby, 1871 Ypthima	White Fourring	Jashpur Bastar, Dantewara	Goa eastwards to	
122.	ceylonica	winte i ouiring	Bastar, Bantewara	Odisha and	
	Hewitson,			southwards to	
	1865			Kerala	
	family: LIMENIT			1	
123.**	Neptis hylas	Common Sailer	Bastar, Bilaspur,	Andaman Island,	
	(Linnaeus, 1758)		Dantewara, Kanker, Raigarh, Raipur,	Uttarakhand to N.E. India, Southern	
	1/36)		Jashpur	Nicobar Island,	
			Jasiipui	Gujarat, Madhya	
				Pradesh and	
				Jharkhand	
				southwards to	
				Kerala	
124.**	Neptis jumbah	Chestnut-streaked	Bastar, Bilaspur,	Andaman Islands,	
	Moore, [1858]	Sailer	Jashpur	Gujarat eastwards to	
				W. Bengal and	
				southwards to Kerala, Sikkim to	
				N.E. India	
125.**	Phaedyma	Short-banded	Bilaspur, Koriya,	Nicobar Islands,	
	columella	Sailer	Raigarh, Jashpur	Gujarat eastwards to	
	(Cramer,			W. Bengal and	
	1780)			southwards to	
				Kerala, Uttarakhand	
10000			D	to N.E. India	
126.**	Pantoporia	Common Lascar	Bastar, Dantewara,	Andaman Islands,	
	hordonia (Stoll, [1790])		Jashpur	Maharashtra eastwards to W.	
	(31011, [1/90])			Bengal and	
				southwards to	
				Kerala, Uttarakhand	
				to N.E. India	

127.**	Athyma nefte (Cramer, [1780])	Colour Sergeant	Bastar, Jashpur, Koriya	Uttarakhand to N.E. India, Karnataka to Kerala and northwards to Odisha Kerala north to
	Athyma perius (Linnaeus, 1758)	Common Sergeant	Bastar, Bilaspur, Dantewara, Kabirdham, Koriya, Jashpur	Maharashtra, MP and Jharkhand, Himachal Pradesh to N.E. India
129.	Athyma ranga Moore, [1858]	Blackvein Sergeant	Bastar, Dantewara	Karnataka to Kerala, Sikkim to N.E. India
130.**	Athyma selenophora (Kollar, [1844])	Staff Sergeant	Bastar, Bilaspur, Dantewara, Kabirdham, Jashpur	N.E. India, Goa east to Jharkhand and southwards to Kerala
131.**	Moduza procris (Cramer, [1777])	Commander	Bastar, Bilaspur, Kabirdham, Jashpur, Raipur, Raigarh	Andaman Islands, Uttarakhand to N.E. India, Gujarat eastwards to Odisha and southwards to Kerala
132.**	Tanaecia lepidea (Butler, 1868)	Grey Count	Bastar, Bilaspur, Dantewara, Korba, Koriya, Jashpur, Surguja	Uttarakhand to N.E. India, Maharashtra eastwards to Odisha and southwards to Kerala
133.**	Euthalia aconthea (Cramer, [1777])	Common Baron	Bastar, Surguja, Kabirdham, Raipur, Jashpur	Throughout India
134.**	Euthalia lubentina (Cramer, [1777])	Gaudy Baron	Bastar, Jashpur	Maharashtra to Kerala, Gujarat eastwards to Haryana, Odisha and W. Bengal, Himachal Pradesh to N.E. India
135.**	Euthalia nais (Forster, 1771)	Baronet	Bastar, Dantewara, Korba, Surguja, Koriya, Janjgir - Champa, Raigarh, Raipur, Jashpur	Tamil Nadu to Gujarat and Rajasthan, eastwards to W. Bengal and along the Himalaya from

			I	T
				Uttarakhand to W.
				Bengal
V. Subfa	amily: HELICON			
136.	Argynnis	Indian Fritillary	Bastar, Dantewara,	Kerala, Tamil Nadu,
	hyperbius		Kanker	Rajasthan to MP,
	(Linnaeus,			Gujarat, Uttar
	1763)			Pradesh, J&K to
				N.E. India
137.**	Phalanta	Common	Bastar, Bilaspur,	Throughout India
	phalantha	Leopard	Dantewara,	
	(Drury,	•	Kabirdham, Kanker,	
	[1773])		Koriya, Raipur,	
	2 3/		Janjgir-Champa,	
			Jashpur	
138.**	Vagrans	Vagrant	Bastar	Uttarakhand to N.E.
	egista			India; Jharkhand,
	(Cramer,			Odisha, W. Bengal.
	[1780])			
VI. Subi	family: BIBLIDIN	JAE		
139.	Ariadne	Angled Castor	Bastar	Andaman &
	ariadne			Nicobar Islands,
	(Linnaeus,			Peninsular India
	1763)			from Gujarat and
	, , ,			W. Bengal to
				Kerala, Uttarakhand
				to N.E. India
140.**	Ariadne	Common Castor	Bastar, Raigarh,	Gujarat to Kerala
	merione		Raipur, Bilaspur,	and Andhra
	(Cramer,		Jashpur	Pradesh, J&K to
	[1777])		ous-ipu-	N.E. India, Delhi,
	[2777])			MP, Bihar to Odisha
VII. Sub	family: CYREST	INAE	I	, Dilim to Calbin
141.**	Cyrestis	Common Map	Jashpur	Andaman Islands,
	thyodamas	r	T	Gujarat to Kerala,
	Boisduval,			J&K to
	1846			Uttarakhand.
	1010			Sikkim to N.E.
				India
VIII. Su	bfamily: NYMPH	IALINAE	l	mon
142.**	Vanessa	Painted Lady	Bastar, Bilaspur	Throughout India
	cardui		Koriya, Raipur ,	
	(Linnaeus,		Jashpur	
	1758)		ousnpur	
143.**	Junonia	Peacock Pansy	Bastar, Bilaspur,	Throughout India
1.3.	almana	- 2000001 41103	Dantewara.	
	(Linnaeus,		Kabirdham, Kanker,	
<u> </u>	(Lilliacus,		radiani, rankei,	1

	17750)		17 ' 0 '	T
	1758)		Koryia, Surguja,	
			Raipur, Raigarh,	
			Jashpur	
144.**	Junonia	Grey Pansy	Bastar, Kabirdham,	Throughout India
	atlites		Korba, Koriya,	except arid regions
	(Linnaeus,		Bilaspur,	
	1763)		Dantewara,	
			Kanker, Raigarh,	
			Raipur, Jashpur	
145.**	Junonia	Yellow Pansy	Bastar, Bilaspur,	Throughout India
	hierta		Durg, Kabirdham,	
	(Fabricius,		Korba, Koriya,	
	1798)		Surguja, Raigarh ,	
			Raipur, Jashpur	
146.**	Junonia iphita	Chocolate Pansy	Bastar, Kabirdham,	J&K to N.E. India,
	(Cramer,		Bilaspur,	Peninsular India to
	[1779])		Dantewara,	MP
			Kanker, Surguja,	
			Koriya, Raipur,	
			Raigarh, Jashpur	
147.**	Junonia	Lemon Pansy	Bastar, Bilaspur,	Sikkim to N.E.
	lemonias		Dantewara,	India, J&K to
	(Linnaeus,		Kabirdham,	Uttarakhand,
	1758)		Kanker, Koriya,	Rajasthan to Kerala
			Raipur, Raigarh,	and eastwards to
			Jashpur	Jharkhand
148.**	Junonia	Blue Pansy	Bastar, Bilaspur,	Sikkim to N.E.
	orithya		Dantewara, Jashpur,	India, Nicobar
	(Linnaeus,		Kabirdham, Kanker,	Islands, J&K to
	1758)		Koriya, Surguja,	Kerala and W.
			Raipur, Raigarh	Bengal
149.**	Hypolimnas	Great Eggfly	Bastar, Bilaspur,	Throughout India
	bolina		Durg, Kabirdham,	except very arid
	(Linnaeus,		Koriya, Raipur,	region
	1758)		Surguja, Raigarh ,	
			Janjgir-Champa,	
			Jashpur	
150.**	Hypolimnas	Danaid Eggfly	Bastar, Bilaspur,	Throughout India
	misippus		Dantewara, Jashpur,	
	(Linnaeus,		Surguja,	
	1764)		Dantewara,	
			Raigarh, Raipur,	
			Jashpur	
151.**	Kallima	Orange Oakleaf	Bastar, Kabirdham	J&K to
	inachus	-		Uttarakhand,
	(Boisduval.			Jharkhand, Eastern
151.**	1764) Kallima inachus	Orange Oakleaf	Dantewara, Raigarh, Raipur, Jashpur	Uttarakhand,

	1846)			Ghats, MP and	
				Gujarat, N.E. India	
IX. Sub	family: ACRAEIN	NAE			
152.**	Acraea violae	Tawny Coster	Bastar, Bilaspur,	Throughout India	
	(Fabricius,		Dantewara, Koriya,		
	1793)		Raipur, Raigarh		

Appendix-3 (Tentatively Included Species)Since there have been no further records of these species and subsequent literature Varshney & Smetacek (2015) do not include these species, their presence in Chhattisgarh requires confirmation.

S no.	S	Scientific Name	Common Name	Remarks			
	no.**						
FAMILY		DAE					
Subfamily	y: PIERII	NAE					
153.	16.	Pieris canidia (Linnaeus, 1768)	Indian Cabbage White	Despite its report by Chandra <i>et al.</i> , 2014, it is not reported from the study by Varshney, R.K. & Smetacek, P (eds.) 2015, thus further confirmation is required.			
FAMILY	: LYCA	ENIDAE					
Subfamily	y: CURE	TINAE					
154.	80.	Curetis bulis (Westwood, 1852)	Bright Sunbeam	Despite its presence in Chandra <i>et al.</i> , 2014, it does not feature in Varshney, R.K. & Smetacek, P (eds.) 2015, thus further confirmation is required.			
Subfamily	y: POLY	OMMATINAE		•			
155.	88.	Niphanda cymbia de Niceville , 1884	Pointed Pierrot	Despite its presence in Chandra <i>et al.</i> , 2014, it does not feature in Varshney, R.K. & Smetacek, P (eds.) 2015, thus further confirmation is required.			
156.	87.	Tarucus callinara Butler, 1886	Spotted Pierrot	Androconia and male genitalia needs to be examined on this genus to assign species rank. Thus further confirmation is required.			
157.	89.	Tarucus nara (Kollar, 1848)	Striped Pierrot	Androconia and male genitalia needs to be examined on <i>Tarucus</i> to assign them species rank. Thus further confirmation is required.			
158.	98.	Pithecops corvus Fruhstorfer 1919	Forest Quaker	Despite its presence in Chandra <i>et al.</i> (2014), it does not feature in Varshney & Smetacek (2015). Presence of this species in CG & MP requires confirmation.			
		PHALIDAE					
Subfamily	Subfamily: HELICONIINAE						

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159.	50.	Phalanta alcippe	Small Leopard	Despite its presence in Chandra et al.,
		(Stoll, [1782])		2014, it does not feature in Varshney,
				R.K. & Smetacek, P (eds.) 2015, thus
				further confirmation is required.
Note: S no. ** denotes the serial no. in which the above discussed species have appeared in Chandra et al.,				
2014				