

## ON A COLLECTION OF BUTTERFLIES (LEPIDOPTERA : RHOPALOCERA) FROM SIDHI DISTRICT, MADHYA PRADESH, INDIA

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### INTRODUCTION

The present paper deals with the studies on butterflies of hitherto unexplored area of Sidhi district, which is situated in eastern part of Madhya Pradesh. The district is bordered in east by Mirzapur district of Uttar Pradesh. The area of Sidhi district is 10526 sq. km., of which about one-tenth area along the western slope of Kaimur Hill was surveyed.

The butterflies were collected by the senior author and other team members during the Environmental Impact Assessment studies of Ban Sagar Canal Construction on Faunal Components in July, 1999. The study revealed the presence of twenty seven species under twenty two genera and seven families of which two species viz. *Spindasis ictis ictis* (Hewitson) of family Lycaenidae and *Badamia exclamationis* (Fabricius) of family Hesperiiidae are recorded for the first time from Madhya Pradesh and all twenty seven species are reported for the first time from Sidhi district.

### ABBREVIATIONS USED

coll. - Name of collector  
ex. (s) - Number of examples

### SYSTEMATIC ACCOUNTS

Phylum : ARTHROPODA  
Class : INSECTA  
Order : LEPIDOPTERA  
Sub order : RHOPALOCERA  
Family 1 : PAPILIONIDAE  
Genus 1 : *Papilio* Linnaeus

#### 1. *Papilio demoleus demoleus* Linnaeus

1758. *Papilio demoleus* Linnaeus, *Syst. Nat.* ed. X., : 464.

1939. *Papilio demoleus demoleus* : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 189.

*Common name* : The Lime Butterfly.

*Material examined* : 1 ex., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party; 4 exs., Pachokhar, 26 km., Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party; 5 exs., Turre, 47 kms. Bansagar canal, Sidhi district, 24.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Bihar, Delhi, Orissa, Uttar Pradesh, almost throughout India.

*Elsewhere* Sri Lanka; Pakistan and North Myanmar.

*Host plants* : Cultivated *Citrus*; *Citrus aurantium*, *C. hystrix*, *C. maxima*, *C. medica*, *Faronia elephantum*; *Zanthoxylum rhetsa*; *Ziziphus mauritiana*; *Glycosmis pentaphylla*; *Ruta graveoleus*; *Aegle marmelos*; *Murraya koengii* and *Chloroxylon swietenia*.

## 2. *Papilio polytes romulus* Cramer

1775. *Papilio romulus* Cramer, *Pap. Exot.*, 1 : 67.

1939. *Papilio polytes romulus* : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 178.

*Common name* : The Common Mormon.

*Material examined* 1 ex., Pachokhar, 26 kms. Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party.

*Distribution* India : Madhya Pradesh, Andaman and Nicobar, Assam, Bihar, Delhi, Goa, Kerala, Lakshadweep, Sikkim, Tamil Nadu and Uttar Pradesh.

*Elsewhere* Sri Lanka; Bangladesh and Myanmar.

*Host plants* Cultivated *Citrus*, *Citrus medica*; *Glycosmis pentaphylla*; *Zanthoxylum rhetsa*; *Aegle marmelos* and *Murraya koenigii*.

Family 2 : PIERIDAE

Genus 2 : *Cepora* Billberg

## 3. *Cepora nerissa phryne* (Fabricius)

1775. *Papilio phryne* Fabricius, *Syst. Ent.*, : 473.

1939. *Cepora nerissa phryne* : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 362.

*Common name* : The Common Gull.

*Material examined* 1 ex., Pachokhar, 26 kms. Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party.

**Distribution** : India : Madhya Pradesh, Assam, Bihar, Maharashtra, Sikkim, Tamil Nadu, Uttar Pradesh and North-West Himalayas.

**Elsewhere** : Nepal and Sri Lanka.

**Host plants** : *Capparis aphylla*, *C. sepiaria*, *C. horrida*, *C. heyneana*, *C. decidua* and *C. zeylanica*.

Genus 3 : ***Anapheis*** Hubner

4. ***Anapheis aurota aurota*** (Fabricius)

1793. *Papilio aurota* Fabricius, *Syst. Ent.*, 3 : 197.

1939. *Anapheis aurota aurota* : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 380.

**Common name** : The Pioneer.

**Material examined** : 1 ex., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party.

**Distribution** : India : Madhya Pradesh, Andaman and Nicobar, Delhi, Karnataka, Tamil Nadu, Uttar Pradesh and West Bengal.

**Elsewhere** : Pakistan and Sri Lanka.

**Host plants** : *Capparis aphylla*, *C. sepiaria*, *C. heyneana*; *Cadaba indica* and *Maerua arenaria*.

Genus 4 : ***Catopsilia*** Hubner

5. ***Catopsilia pomona*** (Fabricius)

1775. *Papilio pomona* Fabricius, *Syst. Ent.*, : 479.

1939. *Catopsilia pomona* : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 493.

**Common name** : The Lemon Emigrant.

**Material examined** : 1 ex., Pachokhar, 26 kms. Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party; 4 exs., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party.

**Distribution** : India : Madhya Pradesh, Assam, Andaman and Nicobar, Bihar, Delhi, Gujarat, Maharashtra, Tamil Nadu, Uttar Pradesh, West Bengal and North-West Himalayas.

**Elsewhere** : Sri Lanka; Myanmar and Pakistan.

**Host plants** : *Cassia fistula*, *C. siamea*, *C. tora*, *C. auriculata*, *C. grandis*, *C. javanica*, *C. nodosa*, *C. occidentalis*; *Butea frondosa*; *Bauhinia racemosa* and *Diospyros discolor*.

### 6. *Catopsilia pyranthe pyranthe* (Linnaeus)

1758. *Papilio pyranthe* Linnaeus, *Syst. Nat.*, ed. X. 1 : 469.

1939. *Catopsilia pyranthe pyranthe* : Talbot, *The Fauna of Brit. India*, Butterflies. 1 : 497.

*Common name* The Motted Emigrant.

*Material examined* 1 ex., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra; 1 ex., Pachokhar, 26 kms. Bansagar canal, Sidhi district 23.7.1999, coll. K. Chandra & party; 1 ex., Mohania, Sidhi district, 25.7.1999, coll. K. Chandra & party.

*Distribution* India : Madhya Pradesh, Andamans, Assam, Gujarat, Tamil Nadu, Uttar Pradesh, West Bengal and N. W. Himalayas.

*Elsewhere* : Sri Lanka; Myanmar and Pakistan.

*Host plants* : *Cassia tora*, *C. auriculata*, *C. occidentalis*, *C. nodosa* and *Sesbania aegyptica*.

Genus 5 : *Eurema* Hubner

### 7. *Eurema laeta laeta* (Boisduval)

1836. *Terias laeta* Boisduval, *Spec. Gen. Lep.*, 1 : 674.

1939. *Eurema laeta laeta* : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 517.

*Common name* The Small Grass Yellow.

*Material examined* : 1 ex., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party; 2 exs., Pachokhar, 26 kms. Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party.

*Distribution* : India Madhya Pradesh, Bihar, Delhi, Himachal Pradesh, Karnataka, Maharashtra, Punjab, Tamil Nadu, Uttar Pradesh, West Bengal and Peninsular India to N. W. Himalayas.

*Elsewhere* Sri Lanka; Nepal; Pakistan and Myanmar.

*Host plants* : Leguminosae and Grasses.

### 8. *Eurema hecabe simulata* (Moore)

1881. *Terias simulata* Moore, *Lep. Ceylon*, 1 : 119.

1939. *Eurema hecabe simulata* : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 530.

*Common name* The Common Grass Yellow.

*Material examined* 2 exs., Pachokhar, 26 kms. Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party.

**Distribution** : India : Madhya Pradesh, Bihar, Delhi, Himachal Pradesh, Karnataka, Lakshadweep, Maharashtra, Uttar Pradesh, Tamil Nadu and West Bengal.

**Elsewhere** : Sri Lanka and Pakistan.

**Host plants** : *Cassia tora*, *C. fistula*, *C. mimosoides*; *Wagatea spicata*; *Pithecolobium dulce*; *Sesbania aculeata*; *Albizia procera*; *Caesalpinia* sp., *Acacia* sp.

Family 3 : DANAIDAE

Genus 6 : *Danaus* Kluk

### 9. *Danaus chrysippus chrysippus* (Linnaeus)

1758. *Papilio chrysippus* Linnaeus, *Syst. Nat.* ed. X, 1 : 471.

1947. *Danaus chrysippus chrysippus* : Talbot, *The Fauna of Brit. India*, Butterflies, 2 : 20.

**Common name** : The Plain Tiger.

**Material examined** : 1 ex., Pachokhar, 26 kms. Bansagar canal; Sidhi district, 23.7.1999, coll. K. Chandra & party; 1 ex., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party; 1 ex., Turra, 47 kms. Bansagar canal; Sidhi district, 24.7.1999, coll. K. Chandra & party.

**Distribution** : India : Madhya Pradesh, Andaman and Nicobar, Assam, Bihar, Delhi, Gujarat, Himachal Pradesh, Maharashtra, Manipur, Orissa, Sikkim, Tamil Nadu and Uttar Pradesh.

**Elsewhere** : Sri Lanka; Pakistan; Nepal; Myanmar; Indonesia and China.

**Host plants** : *Calotropis gigantea*, *C. procera*; *Asclepias curassavica*.

### 10. *Danaus genutia* (Cramer)

1779. *Papilio genutia* Cramer, *Pap. Exot.*, 3 : 23.

1947. *Danaus plexippus plexippus* : Talbot, *The Fauna of Brit. India*, Butterflies, 2 : 25.

1987. *Danaus genutia* : Gupta and Shukla. *Rec. zool. Surv. India*, Occ. Pap. No. 106 : 17.

**Common name** : The Common Tiger.

**Material examined** : 1 ex., Pachokhar, 26 kms. Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party.

**Distribution** : India : Madhya Pradesh, Andaman and Nicobar, Arunachal Pradesh, Assam, Bihar, Himachal Pradesh, Karnataka, Manipur, Mizoram, Nagaland, Orissa, Punjab, Rajasthan, Sikkim, Tamil Nadu, Uttar Pradesh and West Bengal.

**Elsewhere** : Afghanistan, Pakistan, Nepal, Myanmar, Sri Lanka, Thailand and China.

**Host plants** : *Cynanchum dalhousieae*; *Ceropegia intermedia*; *Stephanotis floribunda*; *Raphistemma pulchellum*.

Genus 7      *Euploea* Fabricius11. *Euploea core core* (Cramer)

1780. *Papilio core* Cramer, *Pap. Exot.*, 3 : 133.

1947. *Euploea core core* : Talbot, *The Fauna of Brit. India*, Butterflies, 2 : 67.

*Common name* The Common Crow.

*Material examined* 4 exs., Pachokhar, 26 kms. Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party; 2 exs., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party; 3 exs., Mohania, Rampur road, Sidhi district, 25.7.1999, coll. K. Chandra & party.

*Distribution* India Madhya Pradesh, Andaman and Nicobar, Bihar, Delhi, Karnataka, Lakshadweep, Orissa, Sikkim, Tamil Nadu, Uttar Pradesh and West Bengal.

*Elsewhere* Myanmar, Pakistan and Nepal.

*Host plants* *Streblus asper*; *Ficus bengalensis*, *F. indica*, *F. glomerata*, *F. religiosa*; *Holarrhena antidysenterica*; *Nerium odorum*, *N. oleander*, *Ichnocarpus frutescens*; *Hemidesmus indicus*; *Cryptolepis elegans*; *Anodendron paniculatum*; *Cryptostegia grandiflora* and *Holigarna arnottiana*.

Family 4 : SATYRIDAE

Genus 8 : *Melanitis* Fabricius

12. *Melanitis leda ismene* (Cramer)

1775. *Papilio ismene* Cramer, *Pap. Exot.*, 1 : 40.

1947. *Melanitis leda ismene* : Talbot *The Fauna of Brit. India*, Butterflies, 2 : 366.

*Common name* The Common Evening Brown.

*Material examined* : 1 ex., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party; 1 ex., Pachokhar, 26 kms. Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Andaman and Nicobar, Assam, Bihar, Delhi, Himachal Pradesh, Lakshadweep, Orissa, Sikkim, Tamil Nadu, Uttar Pradesh and West Bengal.

*Elsewhere* Pakistan, Nepal, Sri Lanka, Myanmar and China.

*Host plants* *Oryza sativa* and Grasses.

Family 5 : NYMPHALIDAE

Genus 9 : *Phalanta* Horsfield

13. *Phalanta phalantha phalantha* (Drury)

1770. *Papilio phalantha* Drury, *Exot. Inst.*, 1 : 41.

1987. *Phalanta phalantha phalantha* : Gupta & Shukla, *Rec. zool. Surv. India*, Occ. Pap. No. 106 : 30.

*Common name* : The Common Leopard.

*Material examined* : 2 exs., Pachokhar 26 kms. Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party; 6 exs., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party; 1 ex., Turra, 47 kms. Bansagar canal, Sidhi district, 24.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Arunachal Pradesh, Bihar, Delhi, Maharashtra, Nicobar, Orissa, Tamil Nadu, Uttar Pradesh and West Bengal.

*Elsewhere* : Pakistan, Sri Lanka and Myanmar.

*Host plants* : *Flacourtia ramontchi*, *F. montana*; *Aberia gardner*; *Salix pentandra*, *S. tetrasperma*; *Smilax* sp. and *Salix* sp.

Genus 10 : *Junonia* Hubner

14. *Junonia orithya swinhoei* Butler

1885. *Junonia swinhoei* Butler, *Ann. Mag. nat. Hist.*, (5)16 : 309.

1987. *Precis orithya swinhoei* : Gupta & Shukla, *Rec. zool. Surv. India*, Occ. Pap. No. 106 : 33.

1994. *Junonia orithya* : Varshney, *Oriental Ins.*, 28 : 176.

*Common name* : The Blue Pansy.

*Material examined* : 1 ex., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party; 1 ex., Turra, 47 kms. Bansagar canal, Sidhi district, 24.7.1999, coll. K. Chandra & party; 1 ex., Pachokhar, 26 kms. Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Bihar, Delhi, Himachal Pradesh, Orissa, South India and Uttar Pradesh.

*Elsewhere* : Pakistan, Sri Lanka and Myanmar.

*Host plants* : *Justicia procumbens*, *J. micrantha* and *Lepidagathis prostrata*.

15. *Junonia lemonias vaisya* (Fruhstorfer)

1912. *Precis vaisya* Fruhstorfer, In Seitz; *The Macrolepidoptera of the World*, 9 : 520.

1987. *Precis lemonias vaisya* : Gupta & Shukla, *Rec. zool. Surv. India*, Occ. Pap. No. 106 : 34.

1994. *Junonia lemonias* : Varshney, *Oriental Ins.*, 28 : 176.

*Common name* : The Lemon Pansy.

*Material examined* : 1 ex., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Bihar, Orissa and South India.

*Elsewhere* : Sri Lanka.

*Host plants* : *Nelsonia campestris*; *Asteracantha longifolia*; *Sida rhombifolia* and *Strobilanthes* sp.

Genus 11 : *Hypolimnas* Hubner

16. *Hypolimnas misippus* (Linnaeus)

1764. *Papilio misippus* Linnaeus, *Mus. Ulr.*, : 264.

1987. *Hypolimnas misippus* : Gupta & Shukla, *Rec. zool. Surv. India*, Occ. Pap. No. 106 : 28.

*Common name* : The Danaid Eggfly.

*Material examined* : 3 exs., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party; 2 exs., Pachokhar, 26 kms. Bansagar canal, Sidhi district, 23.7.1999, coll. K. Chandra & party; 3 exs., Turra, 47 kms. Bansagar canal, Sidhi district, 24.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Arunachal Pradesh, Andaman and Nicobar, Bihar, Delhi, Orissa, Sikkim, Tamil Nadu, Uttar Pradesh and West Bengal.

*Elsewhere* : Pakistan, Sri Lanka and Myanmar.

*Host plants* : *Portulaca oleracea*, *P. grandiflora*; *Abutilon* sp. and *Hibiscus* sp.

Genus 12 : *Symphaedra* Hubner

17. *Symphaedra nais* (Forster)

1771. *Papilio nais* Forster, *Nov. Spec. Ins. Cent.*, 1 : 73.

1987. *Euthalia nais* : Gupta & Shukla, *Rec. zool. Surv. India*, Occ. Pap. No. 106 : 38.

1994. *Symphaedra nais* : Varshney, *Oriental Ins.*, 28 : 184.

*Common name* The Baronet.

*Material examined* 1 ex., Mohania, Rampur road, Sidhi district, 22.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Bihar, Goa, Gujarat, Sikkim, Uttar Pradesh and South India.

*Elsewhere* Sri Lanka.

*Host plants* *Diospyros melanoxylon* and *Shorea robusta*.



Family 6 : LYCAENIDAE

Genus 13 : *Rapala* Moore

18. *Rapala melampus* (Cramer)

1781. *Papilio melampus* Cramer, *Pap. Ex.*, 4 : 142.

1932. *Rapala melampus* : Evans, *The Identification of Indian Butterflies*, : 299.

*Common name* : The Indian Red Flash.

*Material examined* : 2 exs., Mohania, Rampur road, Sidhi district, 25.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Orissa, Tamil Nadu and Uttar Pradesh.

*Elsewhere* : Pakistan, Sri Lanka and Indonesia.

Genus 14 : *Spindasis* Wallengren

19. *Spindasis ictis ictis* (Hewitson)

1865. *Aphaenus ictis* Hewitson, *Ill. Diurn. Lep.*, : 61.

1997. *Spindasis ictis ictis* : Gupta, *State Fauna Series 3 : Fauna of West Bengal*, Zool. Surv. India : 458.

*Common name* : The Common Shot Silverline.

*Material examined* : 1 ex., Mohania, Rampur road, Sidhi district, 25.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Jammu and Kashmir, Karnataka, Orissa, Uttar Pradesh and West Bengal.

*Elsewhere* : Pakistan.

Genus 15 : *Virachola* Moore

20. *Virachola isocrates* (Fabricius)

1793. *Hesperia isocrates* Fabricius, *Ent. Syst.*, BF 3(1) : 266 no. 29.

1997. *Virachola isocrates* : Gupta, *State Fauna Series 3 : Fauna of West Bengal*, Zool. Surv. India : 478.

*Common name* : The Common Gauva Blue.

*Material examined* : 1 ex., Mohania, Sidhi district, 25.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Assam, Maharashtra, Meghalaya, Nagaland, Orissa and West Bengal.

*Elsewhere* Pakistan and Sri Lanka.

*Remarks* This is the first report of the species from Madhya Pradesh.

Genus 16      *Lampides* Hubner

21. *Lampides boeticus* (Linnaeus)

1767. *Papilio boeticus* Linnaeus. *Syst. Nat.* (ed. 12) : 78.

1997. *Lampides boeticus* Gupta. *State Fauna Series 3 Fauna of West Bengal*. *Zool. Surv. India* : 448.

*Common name* The Pea Blue.

*Material examined* 1 ex., Mohania, Sidhi district, 25.7.1999, coll. K. Chandra & party.

*Distribution* India Madhya Pradesh, Andaman and Nicobar, Arunachal Pradesh, North-East India, Uttar Pradesh, West Bengal and widely distributed in India.

*Elsewhere* Nepal, Pakistan and Sri Lanka.

Genus 17      *Catochrysops* Biosduval

22. *Catochrysops strabo strabo* (Fabricius)

1793. *Hesperia strabo* Fabricius, *Ent. Syst.*, 3 : 287.

1997. *Catochrysops strabo strabo* : Gupta, *State Fauna Series 3 : Fauna of West Bengal*, *Zool. Surv. India* : 447.

*Common name* The Forget-Me-Not.

*Material examined* 1 ex., Turra, 47 kms. Bansagar canal, Sidhi district, 24.7.1999, coll. K. Chandra & party.

*Distribution* : India Madhya Pradesh; Bihar, Maharashtra, South India and West Bengal.

*Elsewhere* Myanmar.

Genus 18      : *Castalius* Hubner

23. *Castalius rosimon rosimon* (Fabricius)

1775. *Papilio rosimon* Fabricius, *Syst. Ent.*, : 523.

1997. *Castalius rosimon rosimon* : Gupta, *State Fauna Series 3 : Fauna of West Bengal*, *Zool. Surv. India* : 434.

*Common name* : The Common Pierrot.

*Material examined* : 1 ex., Turra, 47 kms. Bansagar canal, Sidhi district, 24.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, West Bengal, widely distributed in India.

*Elsewhere* : Pakistan, Sri Lanka and Myanmar.

Family 7 : HESPERIIDAE  
Genus 19 : *Badamia* Moore

24. *Badamia exclamationis* (Fabricius)

1775. *Papilio exclamationis* Fabricius, *Syst. Ent.*, : 530.

1997. *Badamia exclamationis* : Ghosh & Chaudhury, *State Fauna Series 3 : Fauna of West Bengal, Zool. Surv. India* : 277.

*Common name* : The Brown Awl.

*Material examined* : 1 ex., Mohania, Sidhi district, 25.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Andamans, Assam, Meghalaya, Sikkim and West Bengal.

*Elsewhere* : Papuan; Australian, Hawaiian and Oriental regions.

*Host plants* : *Terminalia belerica*; *Combretum ovalifolium*; *Linociera purpurea*; and *Ficus* sp.

*Remarks* : The species is being recorded for the first time from Madhya Pradesh.

Genus 20 : *Matapa* Moore

25. *Matapa aria* (Moore)

1865. *Ismene aria* Moore, *Proc. zool. Soc. Lond.*, : 784.

1997. *Matapa aria* : Ghosh & Chaudhury, *State Fauna Series 3 : Fauna of West Bengal, Zool. Surv. India* : 302.

*Common name* : The Common Redeye.

*Material examined* : 1 ex., Mohania, Sidhi district, 25.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Assam, South India, Sikkim, Uttar Pradesh and West Bengal.

*Elsewhere* : Oriental region.

*Host plants* : Bamboos.

Genus 21 : *Borbo* Evans

26. *Barbo cinnara* (Wallace)

1866. *Hesperia cinnara* Wallace, *Proc. zool. Soc. Lond.*, : 361.

1997. *Borbo cinnara* : Ghosh & Chaudhury, *State Fauna Series 3 : Fauna of West Bengal, Zool. Surv. India* : 312.

*Common name* The Rice Swift.

*Material examined* : 1 ex., Mohania, Sidhi district, 25.7.1999, coll. K. Chandra & party.

*Distribution* : India : Madhya Pradesh, Andaman and Nicobar, Himachal Pradesh, Manipur, Sikkim, South India and West Bengal.

*Elsewhere* : Papuan and Australian regions, Palaearctic and Oriental regions.

*Host plants* : Grasses.

Genus 22 : *Pelopidas* Walker

27. *Pelopidas mathias* (Fabricius)

1798. *Hesperia mathias* Fabricius, *Ent. Syst. Suppl.*, : 433.

1997. *Pelopidas mathias* : Ghosh & Chaudhury, *State Fauna Series 3 : Fauna of West Bengal, Zool. Surv. India* : 313.

*Common name* : The Small Branded Swift.

*Material examined* : 1 ex., Mohania, Sidhi district, 25.7.1999, coll. K. Chandra & party; 2 exs., Turra, 47 kms. Bansagar canal, Sidhi district, 24.7.1999, coll. K. Chandra & party.

*Distribution* India : Madhya Pradesh, Assam, Central India, Central Nicobars, Jammu and Kashmir, Maharashtra, Punjab, Rajasthan, Sikkim, South India, Uttar Pradesh and West Bengal.

*Elsewhere* : Papuan and Australian regions, Palaearctic and Oriental regions.

*Host plants* : Grasses.

## SUMMARY\*

The paper incorporates the account of 27 species in 22 genera distributed over seven families for the first time from Sidhi district, of which two species viz. *Spindasis ictis ictis* (Hewitson) of family Lycaenidae and *Badamia exclamationis* (Fabricius) of family Hesperidae, are recorded for the first time from Madhya Pradesh.

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## REFERENCES

- Evans, W. H. 1932. *The identification of Indian Butterflies*, 455 pp. 32 pls. (Published by Bombay Natural History Society, Bombay).
- Ghosh, S. K. & Chaudhury, M. 1997. Insecta : Lepidoptera : Hesperidae. *State Fauna Series 3 : Fauna of West Bengal, Part 7; Zool. Surv. India* : 275-318.
- Gupta, I. J. 1997. Insecta : Lepidoptera : Lycaenidae. *State Fauna Series 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 429-489.
- Gupta, I. J. & Shukla, J. P. N. 1987. Butterflies from Bastar district (Madhya Pradesh, India). *Rec. zool. Surv. India, Occ. Pap. No. 106* : 1-74.
- Talbot, G. 1939. *The Fauna of British India, including Ceylon and Burma; Butterflies*, Second ed., Taylor and Francis Ltd., London, 1 : 600 pp.
- Talbot, G. 1947. *The Fauna of British India, including Ceylon and Burma, Butterflies*, Second ed., Taylor and Francis Ltd., London, 2 : 506 pp.
- Varshney, R. K. 1994. Index Rhopalocera Indica Part III. Genera of Butterflies from India and neighbouring countries [Lepidoptera : (B) Satyridae, Nymphalidae, Libytheidae and Riodinidae]. *Oriental Ins.*, 28 : 151-198.