



Rec. zool. Surv. India : 104 (Part 1–2) : 27-49, 2005

THE BUTTERFLIES (RHOPALOCERA) OF PANNA NATIONAL PARK (MADHYA PRADESH)

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INTRODUCTION

Panna National Park is one of the 9 National Parks in Madhya Pradesh. The Park falls in two districts Panna and Chhatarpur. It was constituted as a National Park in the year 1981 and a Tiger Reserve in the year 1994. The Park has an area of 543 Sq. Km. and located in the 'Vindhyan Hill Ranges' part of Bundelkhand Region. It lies between 24° 27' to 24° 46' North latitude and 79 ° 45' to 80° 90' East longitude, and is about 20 Km. west of Panna town. It can be approached from Panna either via Madla or via Hinauta side. A large area of the Park covers the catchment area of the River Ken, a tributary of Yamuna river.

Butterfly fauna of Madhya Pradesh has been previously studied by Marshall and de Niceville (1882), de Niceville (1886, 1890), Betham (1890, 1891a & b, 1892), Swinhoe (1886), Witt (1909), Evans (1932), Talbot (1939, 1947), Wynter-Blyth (1957), Singh (1977, 1995), Singh and Koshta (1997), and Chandra *et. al.*, (2000). A perusal of literature reveals that nothing is known about insect fauna of the Park (Tiwari, 1998) *per se*. Hence, to explore the insect fauna especially butterflies, three extensive surveys *i.e.*, from 07.11.2000 to 27.11.2000; 12.3.2001 to 23.3.2001 and 13.3.2002 to 27.3.2002 were undertaken by the Central Regional Station, Zoological Survey of India Jabalpur.

The present work is an attempt to provide a comprehensive account of Rhopalocera from Panna National Park, based on the specimens collected during the above surveys. The study reveals the presence of fifty species under thirty six genera and eight families. All the fifty species dealt with in this account are reported for the first time from Panna National Park. Taxonomical revisions have been cited after Varshney (1993, 1994, and 1997).

ABBREVIATIONS USED

Coll. – Name of the Collector

ex (s) – Number of examples (s)

SYSTEMATIC ACCOUNT

Phylum ARTHROPODA

Class INSECTA

Order LEPIDOPTERA

Suborder RHOPALOCERA

Family 1. PAPILIONIDAE

Subfamily 1. PAPILIONINAE

Genus 1. *Papilio* Linn.17581. *Papilio demoleus demoleus* Linnaeus1758. *Papilio demoleus* Linnaeus, *Syst. Nat.* (ed. 10) : 464.1939. *Papilio demoleus demoleus* Linnaeus : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 189.*Common name* : The Lime Butterfly.

Material examined : 2 exs., Chhiwala Jhiria, 14.ix.2000, Coll. R. K. Singh; 5 exs., Mahlen Seha, 11.xi.2000, Coll. R. K. Singh; 4 exs., Chandra Nagar, 13.xi.2000, Coll. R. K. Singh; 1 ex., Madla, 8.xi.2000, Coll. R. K. Singh; 9 exs., Pipartola, 10.xi.2000, Coll. R. K. Singh; 4 exs., Judi, 12.xi.2000, Coll. R. K. Singh; 2 exs., Ken river bank, Madla, 15.xi.2000, Coll. R. K. Singh; 4 exs., Jhalar village, 19.xi.2000, Coll. R. K. Singh; 1 ex., Kharra, 22.xi.2000, Coll. R. K. Singh; 2 exs., Khamariya, 24.xi.2000, Coll. R. K. Singh; 1 ex., Chhiwala Jhiria and surrounding, 15.iii.2001, Coll. R. K. Singh; 1 ex., Judi surrounding, 18.iii.2001, Coll. R. K. Singh and Party; 2 exs., Near Mera Sen river, Dutti village 21.iii.2002, Coll. Y N. Gupta; 4 exs., Katari, 22.iii.2002, Coll. Y N. Gupta; 1 ex., Rampur Dam near Baria, 24.iii.2002, Coll. Y N. Gupta; 1 ex., Jhalar Talgaon, 26.iii.2002, Coll. Y N. Gupta.

Distribution : INDIA : Madhya Pradesh; Bihar; Delhi; Orissa; Uttar Pradesh (almost throughout India). *Elsewhere* : Sri Lanka, Pakistan and North Myanmar.

2. *Papilio polytes romulus* Cramer1775. *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., Madla, 8.xi.2000, Coll. R. K. Singh; 3 exs., Pandav fall, 9.xi.2000, Coll. R. K. Singh; 5 exs., Pipartola, 10.xi.2000, Coll. R. K. Singh; 1 ex., Mahlen Seha, 11.xi.2000,

Coll. R. K. Singh; 2 exs., Judi, 12.xi.2000, Coll. R. K. Singh; 2 exs., Raipura village, Chandra Nagar, 13.xi.2000, Coll. R. K. Singh; 1 ex., Judi, 16.xi.2000, Coll. R. K. Singh; 2 exs., Jhalar village, 19.xi.2000, Coll. R. K. Singh; 1 ex., Ken river lodge, 20.xi.2000, Coll. R. K. Singh; 1 ex., Hinauta gate, 21.xi.2000, Coll. R. K. Singh; 1 ex., Kharrya, 22.xi.2000, Coll. R. K. Singh; 2 ex., Chhiwala Jhiria Surrounding, 15.iii.2001, Coll. R. K. Singh; 3 exs., Judi surrounding, 18.iii.2001, Coll. R. K. Singh & party; 1 ex., Rampura, 16.iii.2002, Coll. Y N. Gupta; 2 exs., Barer Hinauta, 17.iii.2002, Coll. Y N. Gupta; 1 ex., Pipartola Talgaon, 20.iii.2002, Coll. Y N. Gupta; 2 exs. Bargadi Hinauta, 22.iii.2002, Coll. Y N. Gupta; 1 ex., Rampur Dam area, near Baria, 24.iii.2002. Coll. Y N. Gupta.

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.

Genus 2. *Pachliopta* Reakirt, 1865

3. *Pachliopta hector* (Linnaeus)

1758. *Papilio hector* Linnaeus, *Syst. Nat.* (ed. 10) : 459.

1939. *Polydorus hector* : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 83.

1993. *Pachliopta hector* : Varshney, *Oriental Ins.* 27 : 354.

Common name : The Crimson Rose.

Material examined : 1 ex., near Ken river, Madla, 15.xi.2000, Coll. R. K. Singh and Party.

Distribution : INDIA : Madhya Pradesh; Andaman; Karnataka; Maharashtra; Tamil Nadu and Peninsular India.

Elsewhere : Sri Lanka.

Genus 3. *Pathysa* Reakirt, 1865

4. *Pathysa nomius nomius* (Esper)

1785-98. *Papilio nomius* Esper, *Ausl. Schmett.*, p. 210, pl. 52, fig. 3.

1939. *Graphium nomius nomius* : Talbot, *The Fauna of British India*, Butterflies, 1 : 207.

1993. *Pathysa nomius* : Varshney, *Oriental Ins.* 27 : 351.

Common name : The Spot Swordtail.

Material examined : 1 ex., Katari, 23.iii.2002, Coll. Y N. Gupta; 1 ex., Judi nala, 25.iii.2002, Coll. Y N. Gupta; 1 ex., Jhalar, Talgaon, 26.iii.20002, Coll. Y N. Gupta.

Distribution : INDIA : Madhya Pradesh; East to North West Himalaya; rest of Eastern, Northern and Southern Peninsula; Sikkim and West Bengal.

Elsewhere : Sri Lanka.

Family 2. PIERIDAE

Subfamily 2. PIERINAE

Genus 4. *Belenois* Huebner, 18195. *Belenois aurota aurota* (Fabricius)

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

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

1993. *Belenois aurota* : Varshney, *Oriental Ins.*, 27 : 358.

Common name : The Pioneer.

Material examined : 1 ex., Pipartola, 10.xi.2000, Coll. R. K. Singh; 1 ex., Madla gate, 13.iii.2001, Coll. R. K. Singh and Party.

Distribution : INDIA : Madhya Pradesh; Andaman and Nicobar; Delhi; Karnataka; Tamil Nadu; Uttar Pradesh and West Bengal.

Elsewhere : Pakistan and Sri Lanka.

Genus 5. *Cepora* Billberg, 18206. *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 : 2 exs., Pipartola, 10.xi.2000, Coll. R. K. Singh; 1 ex., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 2 exs., Jalar village, 19.xi.2000, Coll. R. K. Singh; 3 exs., Jardhoba, 21.xi.2000, Coll. R. K. Singh; 1 ex., Khamariya, 24.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Assam; Bihar; Maharashtra; Sikkim; Tamil Nadu; Uttar Pradesh; and North West Himalayas.

Genus 6. *Delias* Huebner, 18197. *Delias eucharis* (Drury)

1773. *Papilio eucharis* Drury, *Illustr. Nat. Hist.* 2., pl., X, figs. 5, 6.

1939. *Delias eucharis* : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 352.

Common name : The Common Jazebal.

Material examined : 2 exs., Madla gate, 8.xi.2000, Coll. R. K. Singh; 1 ex., Pandav fall, 9.xi.2000, Coll. R. K. Singh; 1 ex., Jhalar village, 19.xi.2000, Coll. R. K. Singh; 5 exs., Jardhoba, 21.xi.2000, Coll. R. K. Singh; 1 ex., Kharrya, 22.xi.2000, Coll. R. K. Singh; 1 ex., Nararan, 25.xi.2000, Coll. R. K. Singh and Party.

Distribution : INDIA : Madhya Pradesh; Bihar; Uttar Pradesh; Peninsular India extending upto lower slopes of Himalaya.

Elsewhere : Sri Lanka and Myanmar.

Genus 7. *Leptosia* Huebner, 1818

8. *Leptosia nina nina* (Fabricius)

1793. *Papilio nina* Fabricius, *Ent. Syst.* 3(1) : 194.

1997. *Leptosia nina nina* : Ghosh & Chaudhury, *State Fauna Series 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 709.

Common name : The Psyche.

Material examined : 4 exs., Pipartola, 10.xi.2000, Coll. R. K. Singh and Party; 4 exs., Madla, 8.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Andaman; Uttar Pradesh West Bengal and Peninsular India to Mussooree Hills.

Elsewhere : Myanmar; Indo-China; Thailand; Hainan and South China.

Genus 8. *Pareronia* Bingham, 1907

9. *Pareronia valeria hippia* (Fabricius)

1787. *Papilio hippia* Fabricius, *Montissa Ins.*, 2 : 55.

1939. *Valeria valeria hippia* : Talbot, *The Fauna of Brit. India, Butterflies*, 1 : 486.

1993. *Pareronia valeria* : Varshney, *Oriental Ins.*, 27 : 362.

Common name : The Common Wanderer.

Material examined : 3 exs., Madla gate, 8.xi.2000, Coll. R. K. Singh; 1ex., Raipura, Chandra Nagar, 13.xi.2000, Coll. R. K. Singh; 3 exs., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 7 exs., near Judi, 16.xi.2000, Coll. R. K. Singh; 3 exs., Badgadi, 18.xi.2000, Coll. R. K. Singh; 3exs., Ken river Lodge, 20.xi.2000, Coll. R. K. Singh; 2 exs., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh & Party; 2 exs., Jhalar Village, 19.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Karnataka; Maharashtra; Sikkim; Tamil Nadu Uttar Pradesh and West Bengal.

Elsewhere : Myanmar and Thailand.

Subfamily 3. COLIADNAE

Genus 9. *Catopsilia* Huebner, 1819

10. *Catopsilia pomona* (Fabricius)

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

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

1993. *Catopsilia crocale* : Varshney, *Oriental Ins.*, 27 : 362.

Common name : The Lemon Emigrant.

Material examined : 1 ex., Pipartola, 10.xi.2000, Coll. R. K. Singh; 3 exs., Near Ken river, Madla, 15.xi.2000, Coll. R. K. Singh; 3 exs., Judi, 16.xi.2000, Coll. R. K. Singh; 1 ex., Jhalar Village, 19.xi.2000, Coll. R. K. Singh; 1 ex., Jardhoba, 21.xi.2000, Coll. R. K. Singh; 3 exs., Kharrya, 22.xi.2000, Coll. R. K. Singh; 1 ex., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh; 1 ex., Khamariya, 24.xi.2000, Coll. R. K. Singh; 1 ex., Madla gate, 13.iii.2001, Coll. R. K. Singh; 1 ex., Chhiwala Jhiria, 15.iii.2001, Coll. R. K. Singh & 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; Pakistan and Myanmar.

11. *Catopsilia florella gnoma* (Fabricius)

1775. *Papilio gnoma* Fabricius, *Syst. Ent.*, : 828.

1939. *Catopsilia florella gnoma* : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 500.

Common name : The African Emigrant.

Material examined : 1 ex., Near Ken river, Madla, 15.xi.2000, Coll. R. K. Singh; 1 ex., Kharrya, 22.xi.2000, Coll. R. K. Singh; 1 ex., Rampur, 16.iii.2002, Coll. Y N. Gupta; 1 ex. Judi nala, Madla, 25.iii.2002, Coll. Y N. Gupta.

Distribution : INDIA : Madhya Pradesh; Andaman and Nicobar; Bihar; Delhi; Goa; Himachal Pradesh; Maharashtra; Tamil Nadu; Uttar Pradesh; West Bengal and North West Himalayas.

Elsewhere : Pakistan; Sri Lanka and Myanmar.

12. *Catopsilia pyranthe pyranthe* (Linnaeus)

1775. *Papilio pyranthe* Linnaeus, *Syst. Nat.* (ed. 10) : 469.

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

Common name : The Mottled Emigrant.

Material examined : 1 ex., Madla gate, 8.xi.2000, Coll. R. K. Singh; 2 exs., Pipartola, 10.xi.2000, Coll. R. K. Singh; 1 ex., Judi, 12.xi.2000, Coll. R. K. Singh; 1 ex., Near Ken river, Madla, 15.xi.2000, Coll. R. K. Singh; 1 ex., Ken river Lodge, 20.xi.2000, Coll. R. K. Singh; 1 ex., Jardhoba, 21.xi.2000, Coll. R. K. Singh; 1 ex., Kharrya, 22.xi.2000, Coll. R. K. Singh; 1 ex., Khamariya, 24.xi.2000, Coll. R. K. Singh; 1 ex., Madla gate, 13.iii.2001, Coll. R. K. Singh & Party; 1 ex., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Andaman's; Assam; Gujarat; Tamil Nadu; Uttar Pradesh; West Bengal and North West Himalayas.

Elsewhere : Sri Lanka, Pakistan and Myanmar.

Genus 10. *Terias* Swainson, 182113. *Terias brigitta rubella* Wallace

1867. *Terias rubella* Wallace, *Trans. ent. Soc. Lond.*, (3)4 : 323.

1939. *Eurema brigitta rubella* : Talbot, *The Fauna of Brit. India*, Butterflies, 1 : 515.

1993. *Terias brigitta* : Varshney, *Oriental Ins.*, 27 : 363.

Common name : The Small Grass Yellow.

Material examined : 1 ex., Mahlenseha, 11.xi.2000, Coll. R. K. Singh and party; 1 ex., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Bihar; Karnataka; Maharashtra; Nicobar; Punjab; Tamil Nadu; Uttar Pradesh; West Bengal and North West Himalayas.

Elsewhere : Sri Lanka and Myanmar.

14. *Terias 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.

1993. *Terias laeta* : Varshney, *Oriental Ins.*, 27 : 363.

Common name : The Small Grass Yellow.

Material examined : 1 ex., Madla gate, 8.xi.2000, Coll. R. K. Singh; 1 ex., Pipartola, 10.xi.2000, Coll. R. K. Singh; 3 exs. Raipura, Chandra Nagar, 13.xi.2000, Coll. R. K. Singh; 1 ex., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 4 exs., Jardhoba, 21.xi.2000, Coll. R. K. Singh; 2 exs., Judi surrounding, 14.iii.2001, Coll. R. K. Singh; 4 exs., Chhiwala Jhiria Surrounding, 15.iii.2001, Coll. R. K. Singh; 6 exs., Mahlenseha, 11.xi.2000, Coll. R. K. Singh; 1 ex., Pandav fall, 18.iii.2002, Coll. Y. N. Gupta; 4 exs., Pipartola, 20.iii.2002, Coll. Y. N. Gupta; 1 ex., Rampur Dam near Baria, 24.iii.2002, Coll. Y. N. Gupta.

Distribution : INDIA : Madhya Pradesh; Bihar; Delhi; Himachal Pradesh; Karnataka; Maharashtra; Punjab; Tamil Nadu; Uttar Pradesh; West Bengal and Peninsular India to North West Himalayas.

Elsewhere : Sri Lanka; Nepal; Pakistan and Myanmar.

15. *Terias hecabe simulata* Moore

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

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

1993. *Terias hecabe* : Varshney, *Oriental Ins.*, 27 : 363.

Common name : The Common Grass Yellow.

Material examined : 1ex., Chhiwala, Jhiria, 14.xi.2000, Coll. R. K. Singh; 1ex., Judi, 14.iii.2001, Coll. R. K. Singh; 3 exs., Chhiwala, Jhiria, 15.iii.2001, Coll. R. K. Singh; 2 exs., Judi surrounding,

18.iii.2001, Coll. R. K. Singh & Party; 2 exs., Ken river Lodge, Madla, 20.xi.2000, Coll. R. K. Singh; 1 ex., Near Ken river, Madla, 15.xi.2000, Coll. R. K. Singh; 2 exs., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh; 2 exs., Kharrya, 22.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Bihar; Delhi; Himachal Pradesh; Karnataka; Lakshadweep; Maharashtra; Tamil Nadu; Uttar Pradesh and West Bengal.

Elsewhere : Sri Lanka and Pakistan

Family 3. DANAIDAE

Subfamily 4. DANAINAE

Genus 11. *Danaus* Kluk, 1780

16. *Danaus chrysippus chrysippus* (Linnaeus)

1758. *Papilio chrysippus* Linnaeus, *Syst. Nat.* (ed. 10)1 : 471.

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

Common name : The Plain Tiger.

Material examined : 9 exs., Madla gate, 8.xi.2000, Coll. R. K. Singh; 1 ex., Pandav fall, 9.xi.2000, Coll. R. K. Singh; 2 exs., Pipartola, 10.xi.2000, Coll. R. K. Singh; 1 ex., Ken river Lodge, 20.xi.2000, Coll. R. K. Singh; 1 ex., Madla gate, 13.iii.2001, Coll. R. K. Singh; 2 exs., Judi surrounding, 14.iii.2001, Coll. R. K. Singh; 3 exs., Chhiwala Jhiria surrounding, 15.iii.2001, Coll. R. K. Singh & Party; 7 exs., Near Ken river, Madla, 15.xi.2000, Coll. R. K. Singh; 2 exs., Near Lake, Hinauta, 15.iii.2002, Coll. Y N. Gupta.

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.

17. *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 : 2 exs., Pandav Fall, 9.xi.2000, Coll. R. K. Singh; 4 exs., Near Ken river, Madla, 15.xi.2000, Coll. R. K. Singh; 4 exs., Ken river Lodge, 20.xi.2000, Coll. R. K. Singh and party.

Distribution : INDIA : Madhya Pradesh; Andaman and Nicobar; Arunachal Pradesh; Assam; Bihar; Himachal Pradesh; Karnataka; Manipur; Mizorum; Nagaland; Orissa; Punjab; Rajasthan; Sikkim; Tamil Nadu; Uttar Pradesh and West Bengal.

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

Genus 12. *Tirumala* Moore, 188018. *Tirumala limniace leopardus* (Butler)

1866. *Danaus limniace* var. *leopardus* Butler, *Proc. zool. Soc. Lond.*, : 52.

1947. *Danaus limniace leopardus* : Talbot, *The Fauna of Brit. India*, Butterflies, 2 : 31.

1991. *Tirumala limniace leopardus* : Mandal & Maulik, *State Fauna Series 3 : Fauna of Orissa, Part-3, Zool. Surv. India* : 235.

Common name : The Blue Tiger.

Material examined : 1ex., Near Ken River, Madla, 15.xi.2000, Coll. R. K. Singh and party.

Distribution : INDIA : Madhya Pradesh; Andaman and Nicobar; Assam; Bihar; Delhi; Himachal Pradesh; Karnataka; Lakshadweep; Manipur; Nagaland; Orissa; Punjab; Sikkim; Tamil Nadu; Uttar Pradesh and West Bengal.

Elsewhere : Sri Lanka; Pakistan; Nepal; Myanmar; Taiwan; Thailand and China.

Subfamily 5. EUPLOEINAE

Genus 13. *Euploea* Fabricius, 180719. *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 : 1ex., Madla gate, 8.xi.2000, Coll. R. K. Singh; 3 exs., Pandav fall, 9.xi.2000, Coll. R. K. Singh and party; 1 ex., Ken river lodge Madla, 20.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Andaman and Nicobar; Bihar; Delhi; Karnataka; Lakshadweep; Orissa; Sikkim; Tamil Nadu; Uttar Pradesh and West Bengal.

Elsewhere : Sri Lanka; Pakistan and Nepal.

Family 4. SATYRIDAE

Subfamily 6. SATYRINAE

Genus 14. *Melanitis* Fabricius, 180720. *Melanitis leda ismene* (Cramer)

1775. *Papilio ismene* Cramer, *Pap. Exot.*, 1 : 40, pl. 26, figs. A, B.

1997. *Melanitis leda ismene* : Bhattacharya, *State Fauna Series, 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 748.

Common name : The Common Evening Brown.

Material examined : 1ex., Madla gate, 8.xi.2000, Coll. R. K. Singh and 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.

Genus 15. *Mycalesis* Huebner, 1818

21. *Mycalesis lepcha lepcha* (Moore)

1880. *Samanta lepcha* Moore, *Trans. ent. Soc. Lond.*, (4) : 167.

1947. *Mycalesis lepcha lepcha* : Talbot, *The Fauna of Brit. India*, Butterflies, 2 : 160.

Common name : The Lepcha Bushbrown.

Material examined : 1ex., Pandav fall, 9.xi.2000, Coll. R. K. Singh; 1 ex., Mehlen Seha, 11.xi.2000, Coll. R. K. Singh; 2 exs., Ludha nala, Hinauta, 26.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Himachal Pradesh and Uttar Pradesh.

Elsewhere : Nepal.

22. *Mycalesis perseus tabitha* (Fabricius)

1793. *Papilio tabitha* Fabricius, *Syst. Ent.*, 3(1) : 243.

1947. *Mycalesis perseus tabitha* : Talbot, *The Fauna of Brit. India*, Butterflies, 2 : 131.

Common name : The Common Bushbrown.

Material examined : 3 exs., Ludha nala, Hinauta, 26.xi.2000, Coll. R. K. Singh; 1 ex., Judi, 12.xi.2000, Coll. R. K. Singh; 3 exs., Kharrya, Hinauta, 22.xi.2000, Coll. R. K. Singh; 1ex., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Kerala; Orissa; Tamil Nadu; Uttar Pradesh and West Bengal.

Elsewhere : Sri Lanka.

23. *Mycalesis visala visala* Moore

1857. *Mycalesis visala* Moore, *Cat. Lep. Ins. E.I.C.*, 1 : 230.

1997. *Mycalesis visala visala* : Bhattacharya, *State Fauna Series*, 3 : *Fauna of West Bengal, Part-7, Zool. Surv. India* : 733.

Common name : The Long Brand Bushbrown.

Material examined : 2 exs., Ludha nala, Hinauta, 26.xi.2000, Coll. R. K. Singh; 1 ex., Judi, 12.xi.2000, Coll. R. K. Singh; 1 ex., Kharrya, Hinauta, 22.xi.2000, Coll. R. K. Singh; 1ex., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Assam; Nagaland; Sikkim; Uttar Pradesh and West Bengal.

Elsewhere : Myanmar.

Genus 16. *Ypthima* Huebner, 1818

24. *Ypthima asterope mahratta* Moore

1884. *Ypthima mahratta* Moore, *J. Asiat. Soc. Beng.*, 53(2) : 16.

1947. *Ypthima asterope mahratta* : Talbot, *The Fauna of Brit. India*, Butterflies, 2 : 325.

Common name : The Common Three-ring.

Material examined : 3 exs., Near Judi, 16.xi.2000, Coll. R. K. Singh; 5 exs., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Assam; Himachal Pradesh; Punjab; Tamil Nadu and Uttar Pradesh.

Elsewhere : Baluchistan.

25. *Ypthima inica* Hewitson

1865. *Ypthima inica* Hewitson, *Trans. ent. Soc. Lond.*, (3)2 : 284.

1997. *Ypthima inica* : Bhattacharya, *State Fauna Series*, 3 : *Fauna of West Bengal, Part-7, Zool. Surv. India* : 745.

Common name : The Lesser Three-ring.

Material examined : 1ex., Madla gate, 13.iii.2001, Coll. R. K. Singh and party.

Distribution : INDIA : Madhya Pradesh; Punjab, and West Bengal.

Family 5. NYMPHALIDAE

Subfamily 7. BIBLIDINAE

Genus 17. *Ariadne* Horsfield, 1829

26. *Ariadne merione* (Cramer)

1777. *Papilio merione* Cramer, *Pap. Exot.*, 2 : 76, pl. 144, figs. G, H.

1994. *Ariadne merione* : Varshney, *Oriental Ins.*, 28 : 167.

Common name : The Common Coster.

Material examined : 1ex., Pipartola, 10.xi.2000, Coll. R. K. Singh; 4 exs., Near Ken river, Madla, 15.xi.2000, Coll. R. K. Singh and party; 4 exs., Ken river lodge, 20.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Delhi; Kashmir; Orissa and Uttar Pradesh.

Elsewhere : Sri Lanka and Myanmar.

Subfamily 8. AGRYNNINAE

Genus 18. *Phalanta* Horsfield, 182927. *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., Raipura, 13.xi.2000, Coll. R. K. Singh; 1 ex., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 3 exs., Near Judi, 16.xi.2000, Coll. R. K. Singh; 2 exs., Jardhoba, 21.xi.2000, Coll. R. K. Singh; 2 exs., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh and party; 1 ex., Khamariya, 24.xi.2000, Coll. R. K. Singh; 1 ex., Ludha nala, Hinauta, 26.xi.2000, Coll. R. K. Singh; 1 ex., Jhalar Tallagaon, 26.iii.2002, Coll. Y N. Gupta.

Distribution : INDIA : Madhya Pradesh; Arunachal Pradesh; Bihar; Delhi; Maharashtra; Nicobar; Orissa; Tamil Nadu; Uttar Pradesh and West Bengal.

Elsewhere : Pakistan; Sri Lanka and Myanmar.

Subfamily 9. NYMPHALINAE

Genus 19. *Precis* Huebner, 181928. *Precis iphita pluviatilis* Fruhstorfer

1900. *Precis pluviatilis* Fruhstorfer, *Berl. ent. Z. Berlin*, 45 : 22.

1987. *Precis iphita pluviatilis* : Gupta & Shukla, *Rec. zool. Surv. India*, Occ. Pap. No. 106 : 32.

Common name : The Chocolate Pansy.

Material examined : 1 ex., Pandav fall, 9.xi.2000, Coll. R. K. Singh; 6 exs., Judi, 12.xi.2000, Coll. R. K. Singh; 2 exs., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 2 exs., Near Judi, 16.xi.2000, Coll. R. K. Singh; 1 ex., Badgadi, 18.xi.2000, Coll. R. K. Singh; 1 ex., Near Ken river, Madla, 20.xi.2000, Coll. R. K. Singh and party; 3 exs., Mehlenseha, 11.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Kashmir; Orissa; South India and Uttar Pradesh.

Elsewhere : Maldives and Sri Lanka.

Genus 20. *Junonia* Huebner, 181929. *Junonia almana almana* (Linnaeus)

1758. *Papilio almana* Linnaeus, *Syst. Nat.* (ed. 10); 472.

1987. *Precis almana almana* : Gupta & Shukla, *Rec. zool. Surv. India*, Occ. Pap. No. 106 : 35.

1994. *Junonia almana almana* : Varshney, *Oriental ins.*, 28 : 176.

Common name : The Peacock Pansy.

Material examined : 2 exs., Pandav fall, 9.xi.2000, Coll. R. K. Singh; 1 ex., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 1 ex., Dhundhua fall, 22.xi.2000, Coll. R. K. Singh; 1ex., Raipura, Chandra Nagar, 13.xi.2000, Coll. R. K. Singh; 1ex., Judi, 12.xi.2000, Coll. R. K. Singh; 1 ex., Near Judi, 16.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Andaman; Bihar; Delhi; Orissa; Uttar Pradesh and West Bengal (widely distributed in India).

Elsewhere : Sri Lanka and Myanmar.

30. *Junonia atlites* (Linnaeus)

1763. *Papilio atites* Linnaeus, *Centur. Ins.*, : 24.

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

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

Common name : The Grey Pansy.

Material examined : 3 exs., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 2 exs., Judi, 16.xi.2000, Coll. R. K. Singh; 2 exs., Jhalar village, 19.xi.2000, Coll. R. K. Singh and party; 1 ex., Judi, 12.xi.2000, Coll. R. K. Singh; 2 exs., Khamariya, 24.xi.2000, Coll. R. K. Singh; 1 ex., Pipartola, Talgaon, 20.iii.2002, Coll. Y N. Gupta; 1 ex., Judi nala, Madla, 25.iii.2002, Coll. Y N. Gupta.

Distribution : INDIA : Madhya Pradesh; Andaman and Nicobar; Orissa; Uttar Pradesh and West Bengal.

Elsewhere : Sri Lanka and Myanmar.

31. *Junonia hierta hierta* (Fabricius)

1798. *Papilio hierta* Fabricius, *Ent. Syst. Suppl.*, 4 : 424.

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

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

Common name : The Yellow Pansy.

Material examined : 2 exs., Pandav fall, 9.xi.2000, Coll. R. K. Singh and Party; 1ex., Rampur dam near Baria, 24.iii.2002, Coll. Y N. Gupta.

Distribution : INDIA : Madhya Pradesh; Bihar; Delhi; Orissa; and Uttar Pradesh.

Elsewhere : Sri Lanka and Pakistan.

32. *Junonia lemonias vaisya* (Fruhstorfer)

1912. *Precis vaisya* Fruhstorfer, in Seitz; *The Micolepidoptera of the World*, 9 : 34.

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., Pandav fall, 9.xi.2000, Coll. R. K. Singh; 2 exs., Pipartola, 10.xi.2000, Coll. R. K. Singh; 1 ex., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 1 ex., Badgadi, 18.xi.2000, Coll. R. K. Singh; 2 exs., Ken river lodge, 20.xi.2000, Coll. R. K. Singh; 1 ex., Kharrya, 22.xi.2000, Coll. R. K. Singh; 2 exs., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh and party; 1 ex., Madla, 8.xi.2000, Coll. R. K. Singh; 1 ex., Near Judi, 16.xi.2000, Coll. R. K. Singh; 2 exs., Pipartola, Talgaon, 20.iii.2002, Coll. Y N. Gupta; 1 ex., Rampur Dam near Beria, 24.iii.2002, Coll. Y N. Gupta.

Distribution : INDIA : Madhya Pradesh; Bihar; Orissa and South India.

Elsewhere : Sri Lanka.

33. *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., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 1 ex., Madla gate, 13.iii.2001, Coll. R. K. Singh and party; 2 exs., Madla, 8.xi.2000, Coll. R. K. Singh; 1 ex., Near Lake Hinauta, 15.iii.2002, Coll. Y N. Gupta; 1 ex., Pipartola, Talgaon, 20.iii.2002, Coll. Y N. Gupta.

Distribution : INDIA : Madhya Pradesh; Bihar; Delhi; Himachal Pradesh; Orissa; South India and Uttar Pradesh.

Elsewhere : Pakistan; Sri Lanka and Myanmar.

Genus 21. *Hypolimnias* Huebner, 1819

34. *Hypolimnias bolina* (Linnaeus)

1758. *Papilio bolina* Linnaeus, *Syst. Nat.* (ed. 10) 1 : 479.

1987. *Hypolimnias bolina* : Gupta & Shukla, *Rec. zool. Surv. India*, Occ. Pap. No. 106 : 29.

Common name-The Great Eggfly.

Material examined : 1 ex., Pipartola, 10.xi.2000, Coll. R. K. Singh; 2 exs., Judi, 12.xi.2000, Coll. R. K. Singh; 1 ex., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 1 ex., Near Judi, 16.xi.2000, Coll. R. K. Singh and party.

Distribution : INDIA : Madhya Pradesh; Andaman and Nicobar; Arunachal Pradesh; Bihar; Delhi; Meghalaya; Orissa; Uttar Pradesh and West Bengal.

Elsewhere : Sri Lanka; Pakistan and Myanmar.

35. *Hypolimnas misippus* (Linnaeus)

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

1987. *Hypolimnas misippus* : Gupta & Shukla, *Rec. zool. Surv. India*, Occ. Pap. **106** : 28.

Common name : The Danaid Eggfly.

Material examined : 1 ex., Mehlen seha, 11.xi.2000, Coll. R. K. Singh; 1 ex., Judi, 12.xi.2000, Coll. R. K. Singh; 1ex. Near Judi, 16.xi.2000, Coll. R. K. Singh; 3 exs., Jardhoba, 21.xi.2000, Coll. R. K. Singh and 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.

Subfamily 10. LIMENTIDINAE

Genus 22. *Neptis* Fabricius, 180736. *Neptis hylas astola* Moore

1872. *Neptis astola* Moore, *Proc. zool. Soc. Lond.*, : 560.

1997. *Neptis hylas astola* : Gupta, *State Fauna Series 3 : Fauna of West Bengal, Part-7. Zool. Surv. India* : 592.

Common name : The Common Sailer.

Material examined : 4 exs., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 2 exs., Badgadi, 18.xi.2000, Coll. R. K. Singh; 1 ex., Jhalar village, 19.xi.2000, Coll. R. K. Singh; 3 exs., Ludha nala, 26.xi.2000, Coll. R. K. Singh; 1 ex., Judi Surrounding, 18.iii.2001, Coll. R. K. Singh and party; 1 ex., Madla, 8.xi.2000, Coll. R. K. Singh; 4 exs., Jardhoba, 21.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Assam; Himachal Pradesh; Kashmir; Maharashtra; Uttar Pradesh and West Bengal.

Elsewhere : Myanmar.

Genus 23. *Symphaedra* Huebner, 181837. *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. *Syphaedra nais* : Varshney, *Oriental Ins.*, **28** : 184.

Common name : The Baronet.

Material examined : 3 exs., Pipartola, 10.xi.2000, Coll. R. K. Singh; 9 exs., Mehlen seha, 11.xi.2000, Coll. R. K. Singh; 3 exs., Judi, 12.xi.2000, Coll. R. K. Singh; 6 exs., Raipura village, 13.xi.2000, Coll. R. K. Singh; 2 exs., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 3 exs., Near Judi, 16.xi.2000, Coll. R. K. Singh; 1 ex., Kharrya, 22.xi.2000, Coll. R. K. Singh; 1 ex., Nararan, 25.xi.2000, Coll. R. K. Singh; 1 ex., Chhiwala Jhiria, surroundings, 15.iii.2001, Coll. R. K. Singh; 1 ex., Nararan, 16.iii.2001, Coll. R. K. Singh; 1 ex., Budriya nala, 21.iii.2001, Coll. R. K. Singh and party; 3 exs., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh; 1 ex., Khamariya, 24.xi.2000, Coll. R. K. Singh; 1 ex., Bargadi, Hinauta, 22.iii.2002, Coll. Y N. Gupta; 1 ex., Katari, 23.iii.2002, Coll. Y N. Gupta.

Distribution : INDIA : Madhya Pradesh; Bihar; Goa; Gujarat; Sikkim; Uttar Pradesh and South India.

Elsewhere : Sri Lanka.

Genus 24. *Euthalia* Huebner, 1819

38. *Euthalia garuda anagama* Fruhstorfer

1913. *Euthalia anagama* Fruhstorfer, In Seitz; *The Macrolepidoptera of the World*, 9 : 667.

1987. *Euthalia garuda anagama* : Gupta and Shukla, *Rec. zool. Surv. India*, Occ. Pap. No. 106 : 39.

Common name : The Baron.

Material examined : 1 ex., Nararan, 25.xi.2000, Coll. R. K. Singh and Party.

Distribution : INDIA : Madhya Pradesh; Himachal Pradesh; Maharashtra; Orissa and Uttar Pradesh.

Subfamily 11. CHARAXINAE

Genus 25. *Charaxes* Ochseneimer, 1816

39. *Charaxes fabius* (Fabricius)

1781. *Papilio fabius* Fabricius, *Spec. Ins.* 2 : 12.

1997. *Charaxes fabius fabius* : Gupta, *State Fauna Series 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 548.

Common name : The Black Rajah.

Material examined : 1 ex., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh; 3 exs., Near Judi, 16.xi.2000, Coll. R. K. Singh; 1 ex., Kharrya, 22.xi.2000, Coll. R. K. Singh and party.

Distribution : INDIA : Madhya Pradesh; Bihar; Himachal Pradesh; Karnataka; Maharashtra; Sikkim; South India; Uttar Pradesh and West Bengal.

Subfamily 12. ACRAEINAE

Genus 26. *Acraea* Fabricius, 180740. *Acraea terpsicore* (Linnaeus)

1758. *Papilio terpsicore* Linnaeus, *Syst. Nat.*, (ed. 10) : 466.

1932. *Telchinia violae* : Evans, *The Identification of Indian Butterflies*, : 192.

1947. *Acraea violae* : Talbot : *The Fauna of British India, Including Ceylon and Burma*, Butterflies, 2 : 466.

1994. *Acraea terpsicore* : Varshney, *Oriental Ins.* 28 : 191.

Common name : The Tawny Coster.

Material examined : 8 exs., Madla gate, 8.xi.2000, Coll. R. K. Singh; 1 ex., Pandav fall, 9.xi.2000, Coll. R. K. Singh; 9 exs., Pipartola, 10.xi.2000, Coll. R. K. Singh; 8 exs., Mehlen Seha, 11.xi.2000, Coll. R. K. Singh; 1ex., Mota Chokhan, Chandra Nagar, 13.xi.2000, Coll. R. K. Singh; 2 exs., Raipura village, Chandra Nagar, 13.xi.2000, Coll. R. K. Singh; 1 ex., Near Judi, 16.xi.2000, Coll. R. K. Singh; 2 exs., Badgadi, 18.xi.2002, Coll. R. K. Singh; 1ex., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh; 1ex., Madla gate, 13.iii.2001, Coll. R. K. Singh; 2exs., Judi surrounding, 18.iii.2001, Coll. R. K. Singh; 1ex., Kharrya, Hinauta, 24.xi.2000, Coll. R. K. Singh; 4 exs., Near Lake Hinauta, 15.iii.2002, Coll. Y N. Gupta; 1 ex., Barer, Hinauta, 15.iii.2002, Coll. Y N. Gupta; 2 exs., Jhalar, Talgaon, 26.iii.2002, Coll. Y N. Gupta.

Distribution : INDIA : Madhya Pradesh; Bihar;Gujarat; Lakshadweep; Punjab; Sikkim; Uttar Pradesh and West Bengal.

Elsewhere : Sri Lanka and Pakistan.

Family 6. RIODINIDAE

Subfamily 13. RIODININAE

Genus 27. *Abisara* Felder & Felder, 196041. *Abisara echerius suffusa* (Moore)

1882. *Abisara suffusa* Moore, *Proc. zool. Soc. Lond.*, : 244.

1997. *Abisara echerius suffusa* : Gupta, *State Fauna Series 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 599.

Common name : The Plum Judy.

Material examined : 3 exs., Pandav fall, 9.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Karnataka; Kanara to Western Himalaya and West Bengal.

Family 7. LYCAENIDAE

Subfamily 14. POLYOMMATINAE

Genus 28. *Jamides* Huebner, 181942. *Jamides celeno aelianus* (Fabricius)

1793. *Hesperia aelianus* Fabricius, *Ent. Syst.*, 3(1) : 280, No. 79.

1997. *Jamides celeno aelianus* : Gupta, *State Fauna Series 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 451.

Common name : The Common Cerulean.

Material examined : 1 ex., Judi, 12.xi.2000, Coll. R. K. Singh; 1 ex., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Assam and West Bengal.

Elsewhere : Pakistan and Myanmar.

Genus 29. *Castalius* Huebner, 181643. *Castalius rosimon rosimon* (Fabricius)

1775. *Papilio rosomon* (Fabricius), *Syst. Ent.*, : 523.

1997. *Castalius rosimon rosimon* : Gupta, *State Fauna Series 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 434.

Common name : The Common Pierrot.

Material examined : 1 ex., Pipartola, 10.xi.2000, Coll. R. K. Singh; 1 ex., Mehlen seha, 11.xi.2000, Coll. R. K. Singh; 1 ex., Raipura village, Chandra Nagar, 13.xi.2000, Coll. R. K. Singh and party.

Distribution : INDIA : Madhya Pradesh : West Bengal; Widely distributed in India.

Elsewhere : Pakistan; Sri Lanka and Myanmar.

Genus 30. *Tarucus* Moore, 1881.44. *Tarucus nara* (Kollar)

1848. *Lycaena nara* Kollar, *In Huegel's Kaschmir*, 4 : 241.

1907. *Tarucus theophrastus* : Bingham, *The Fauna of British India, Butterflies*, 2 : 417.

1997. *Tarucus nara* : Gupta, *State Fauna Series 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 436.

Common name : The Striped Pierrot.

Material examined : 1 ex., Pipartola, 10.xi.2000, Coll. R. K. Singh and party.

Distribution : INDIA : Madhya Pradesh; Sikkim; Southern, Western and Northern India and Uttar Pradesh.

Elsewhere : Sri Lanka.

Subfamily 15. APHNAEINAE

Genus 31. *Spindasis* Wallengren, 1857

45. *Spindasis vulcanus vulcanus* (Fabricius)

1775. *Papilio vulcanus* Fabricius, *Syst. Ent.*, : 519, no. 23.

1997. *Spindasis vulcanus vulcanus* : Gupta, *State Fauna Series 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 467.

Common name : The Common Silverline.

Material examined : 5 exs., Mehlen Seha, 11.xi.2000, Coll. R. K. Singh.; 1ex., Judi, 12.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; West Bengal, Widely distributed in India except Eastern Himalayas and Assam.

Elsewhere : Pakistan.

Subfamily 16. THECLINAE

Genus 32. *Virachola* Moore, 1881

46. *Virachola isocrates* (Fabricius)

1793. *Hesperia isocrates* Fabricius, *Ent. Syst.*, BF 3(1) : 226, no. 29.

1997. *Virachola isocrates* : Gupta, *State Fauna Series 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 478.

Common name : The Common Gauva Blue.

Material examined : 1 ex., Near Judi, 16.xi.2000, Coll. R. K. Singh; 3 exs., Pipartola, 10.xi.2000, Coll. R. K. Singh; 2 exs., Jardhoba, 21.xi.2000, Coll. R. K. Singh; 1 ex., Pipartola, 20.iii.2002, Coll. Y N. Gupta.

Distribution : INDIA : Madhya Pradesh; Assam; Maharashtra; Meghalaya; Nagaland; Orissa and West Bengal.

Elsewhere : Pakistan and Sri Lanka.

Genus 33. *Rapala* Moore, 1881

47. *Rapala iarbus iarbus* (Fabricius)

1787. *Papilio iarbus* Fabricius, *Mant. Ins.*, 2 : 68, no. 648.

1957. *Rapala melampus* : Wynter Blyth, *The Butterflies of Indian Region* : 362.

1997. *Repala iarbus iarbus* : Gupta, *State Fauna Series 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 480.

Common name : The Common Red Flash.

Material examined : 1ex., Pipartola, 10.xi.2000, Coll. R. K. Singh; 1ex., Judi, Madla, 12.xi.2000, Coll. R. K. Singh; 5exs., Jardhoba, Hinauta, 21.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Sikkim and West Bengal.

Elsewhere : Nepal and Myanmar.

Family 8. HESPERIDAE

Genus 34. *Udaspes* Moore, 1881

48. *Udaspes folus* (Cramer)

1775. *Papilio folus* Cramer, *Pap. Exot.*, 1 : 118, pl. 74, fig. F.

1997. *Udaspes folus* : Ghosh & Choudhury, *State Fauna Series, Fauna of West Bengal, Part-7, Zool. Surv. India* : 294.

Common name : The Grass Demon.

Material examined : 1 ex., Chhiwala Jhiria, 14.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; Assam; Orissa; South India; Sikkim; West Himalaya and West Bengal.

Elsewhere : Palaearctic.

Genus 35. *Telicota* Moore, 1881

49. *Telicota ancilla* Herrich-Schaffer

1869. *Telicota ancilla* Herrich-Schaffer, *Stett. Ent. Ztg.*, p. 79.

1997. *Telicota ancilla* : Ghosh & Chaudhury, *State Fauna Series, Fauna of West Bengal, Part-7, Zool. Surv. India* : 304.

Common name : The Palm darts.

Material examined : 1 ex., Jhalar, 19.xi.2000, Coll. R. K. Singh.

Distribution : INDIA : Madhya Pradesh; South India; Sikkim; North West Himalaya and West Bengal.

Elsewhere : Papuan and Australian Region.

Genus 36. *Pelopidas* Walker, 1870

50. *Pelopidas mathias* (Fabricius)

1798. *Hesperia mathias* Fabricius, *Ent. Syst. Suppl.*, p. 438.

1997. *Pelopidas mathias* : Ghosh & Choudhury, *State Fauna Series 3 : Fauna of West Bengal, Part-7, Zool. Surv. India* : 313.

Common name : The Swifts.

Material examined : 1 ex., Madla gate, 8.xi.2000, Coll. R. K. Singh; 4 exs., Near Ken river, Madla, 15.xi.2000, Coll. R. K. Singh; 2 exs., Madla gate, 13.iii.2001, Coll. R. K. Singh; 2 exs., Pipartola, 10.xi.2000, Coll. R. K. Singh; 2 exs., Jardhoba, 21.xi.2000, Coll. R. K. Singh; 1 ex., Dhundhua fall, 23.xi.2000, Coll. R. K. Singh.

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

Elsewhere : Papuan and Australian Region.

SUMMARY

The paper incorporates the account of fifty species pertaining to thirty-six genera distributed over eight families recorded for the first time from Panna National Park, Madhya Pradesh.

ACKNOWLEDGEMENTS

The authors are highly grateful to Dr. J. R. B. Alfred, Director Zoological Survey of India, Kolkata, for assigning the problem and to Dr. K. Chandra, Scientist 'E' and Officer-In-Charge, Central Regional Station, Zoological Survey of India, Jabalpur, for providing materials and other facilities for survey work. We also express sincere thanks to Chief Wildlife Warden, Bhopal and Field Director of Panna Tiger Reserve, for giving permission and providing facilities in the park during our survey work.

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