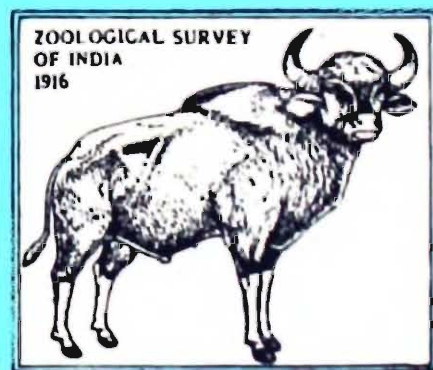


FAUNA OF ORISSA

PART—IV

ZOOLOGICAL SURVEY OF INDIA
1993



STATE FAUNA SERIES 1

FAUNA OF ORISSA

Part 4

*Edited by
Director, Zoological Survey of India*



ZOOLOGICAL SURVEY OF INDIA
1993

REPTILIA

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INTRODUCTION

The reptile fauna of India as a whole is fairly well studied and Smith's fauna volumes (1931 1935, 1943), are very valuable. The works of Annandale (1907, 1912, 1915, 1917, 1921) and recent studies by Behura (1966); Biswas and Acharjyo (1977, 1980, 1984); Biswas, Acharjyo and Mahapatra (1978); Talukdar, Gayen and Sanyal (1979); Biswas and Kar (1981, 1982) are some of the studies on the reptilia fauna of Orissa but there has been no consolidated faunistic account on reptiles of the state.

The present work on Orissa reptiles is based largely on the extensive collections in the Zoological Survey of India, made during faunistic Surveys of the State, comprising 1025 specimens belonging to 57 species of 42 genera under 16 families; of these 11 species are new records from Orissa. As many as 90 species of reptiles are known from Orissa, a list of which is included in the contribution.

While giving distribution of the species, earlier worked out collections and deposited in the National Zoological Collections of Z S I, have also been taken into consideration.

Colouration of specimens, given in the remarks column, is of specimens preserved in formalin and stored in alcohol.

Abbreviations used.

The following are the abbreviations used in this paper :-

AKM, Dr. A. K. Mukherjee; An. KM. Dr. A. K. Mondal; AKS, A. K. Singh; BSL, Dr. B. S. Lamba; BSC & KKT, Drs. B. S. Chauhan & K. K. Tiwari; coll., collected by; DPS, D. P. Sanyal; EOM, Dr. E. O. Moll; EAM, E. A. Minchin; ex, examples. GR, G. Ramakrishna; HCR, Dr. H. C. Roy; JMJ, Dr. J. M. Julka; JKS, Dr. J. K. Sen; KSM, K. S. Misra; KNN, K. N. Nair; KVSr, K. V. Surya Rao; LNA, Dr. L. N. Acharjyo; MH, Dr. M. Haffezullah; NA, Dr. N. Annandale; NM, Dr. N. Majumdar; NCG, N. C. Gayen; NVSR, Dr. N. V. Subba Rao; OBC, Dr. O. B. Chhotani; PKM, Dr. P. K. Maity; PKT, Dr. P. K. Talwar; PKD, P. K. Das; RKK, Dr. R. K. Kachar; RLC, R. L. Chowdhury; RP, Dr. R. Prasad; SB, S. Biswas; SK, Dr. S. Khera; SKM, Dr. S. K. Mitra; SKG, Dr. S. K. Gupta; SS, S. Sur; SSS, S. S. Saha; TKS, T. K. Sen; VKP, Dr. V. K. Premkumar; VCA, Dr. V. C. Agrawal; YC, Dr. Y. Chaturvedi.

LIST OF REPTILES RECORDED FROM ORISSA

The species marked with asterisk are from earlier records.

Order I TESTUDINES
Family 1. CHELONIIDAE

1. *Lepidochelys olivacea olivacea* (Eschscholtz)

Family 2. EMYDIDAE

2. *Kachuga tentoria* (Gray)

Family 3. TRIONYCHIDAE

3. *Lissemys punctata granosa* (Schoepff) *4. *Chitra indica* (Gray)
*5. *Trionyx gangeticus* Cuvier *6. *T. Hurum* Gray
*7. *T. Leithi* Gray

Family 4. TESTUDINIDAE

8. *Geochelone elongata* (Blyth)

Order II CROCODYLIA
Family 5. GAVIALIDAE

- * 9. *Gavialis gangeticus* (Gmelin)

Family 6. CROCODYLIDAE

- *10. *Crocodylus porosus* Schneider *11. *Crocodylus palustris* Lesson

Order III SQUAMATA
Suborder (i) SAURIA
Family 7. GEKKONIDAE

12. *Cyrtodactylus nebulosus* (Beddome) *13. *Cyrtodactylus jeyporensis* (Beddome)
14. *Hemidactylus brooki* Gray 15. *H. leschenaulti* Dumeril & Bibron
16. *H. flaviviridis* Ruppell 17. *H. frenatus* Schlegel
18. *Eublepharis hardwickii* Gray

Family 8. AGAMIDAE

19. *Sitana ponticeriana* Cuvier 20. *Calotes versicolor* (Daudin)
21. *Psammothilus blanfordanus* (Stoliczka)

Family 9. CHAMAELEONIDAE

22. *Chamaeleo zeylanicus* Laurenti

Family 10. SCINCIDAE

23. *Mabuya bibroni* (Gray) 24. *M. dissimilis* (Hallowell)
25. *M. macularia* (Blyth) 26. *M. carinata* (Schneider)
27. *M. beddomii* (Jerdon) 28. *Riopa punctata* (Linnaeus)
29. *R. albopunctata* Gray 30. *Barkudia insularis* Annandale

Family 11. LACERTIDAE

31. *Ophisops beddoëi* (Jerdon) 32. *Cabrita jerdoni* Beddome

Family 12. VARANIDAE

33. *Varanus bengalensis* (Daudin) 34. *V. flavescens* (Gray)
 *35. *V. salvator* (Laurenti)

Suborder (ii) SERPENTES

Family 13. TYPHLOPIDAE

36. *Ramphotyphlops braminus* (Daudin) 37. *Typhlops diardi diardi* Smith
 38. *T. porrectus* Stoliczka 39. *T. acutus* (Dumeril & Birbon)

Family 14. UROPELTIDAE

- *40. *Uropeltis ellioti* (Gray)

Family 15. BOIDAE

41. *Python molurus molurus* (Smith) 42. *Eryx conicus* (Schneider)

Family 16. COLUBRIDAE

43. *Acrochordus granulatus* (Schneider) 44. *Cerberus rhynchops* (Schneider)
 *45. *Gerardia prevostiana* 46. *Enhydris enhydris* (Schneider)
 (Eydoux & Gervais)
 *47. *E. sieboldi* (Schlegel) 48. *Atretium schistosum* (Daudin)
 49. *Elaphe helena* (Daudin) 50. *E. radiata* (Schlegel)
 51. *Ptyas mucosus* (Linnaeus) 52. *Xenochrophis piscator* (Schneider)
 53. *Amphiesma stolata* (Linnaeus) 54. *Macropisthodon plumbicolor* (Cantor)
 55. *Lycodon aulicus* (Linnaeus) *56. *L. jara* (Shaw)
 *57. *L. striatus* (Shaw) *58. *Oligodon taeniolatus* (Jerdon)
 59. *O. arnensis* (Shaw) *60. *Dryocalamus nympha* (Daudin)
 *61. *D. gracilis* (Gunther) *62. *Boiga forsteni* (Dumeril & Bibron)
 63. *B. trigonata* (Schneide) *64. *B. ceylonensis* (Gunther)
 *65. *Psammophis condanarus* (Merrem) 66. *Psammodynastes pulverulentus*
 (Boie)
 *67. *Ahaetulla nasutus* (Lacepede) 68. *Dendrelaphis tristis* (Daudin)
 69. *D. ahaetulla* (Linnaeus) 70. *Chrysopelea ornata* (Shaw)

Family 17. HYDROPHIIDAE

71. *Enhydrina schistosa* (Daudin) 72. *Ilydorphis fasciatus* (Schneider)
 73. *H. cyanocinctus* Daudin 74. *H. stricticollis* Gunther
 *75. *H. obscurus* Daudin *76. *H. caerulescens* (Shaw)
 *77. *H. spiralis* (Shaw) 78. *Kerilia jerdoni* Gray
 79. *Microcephalophis cantoris* (Gunther) 80. *M. gracilis* (Shaw)
 81. *Pelamis platurus* (Linnaeus) *82. *Praescutata viperina* (Schmidt)
 83. *Lapemis hardwickii* Gray

Family 18. ELAPIDAE

- | | |
|---|--|
| 84. <i>Bungarus caeruleus</i> (Schneider) | 85. <i>B. fasciatus</i> (Schneider) |
| 86. <i>B. walli</i> Wall | *87. <i>Calliophis melanurus</i> (Shaw) |
| 88. <i>Naja naja naja</i> (Linnaeus) | * 89. <i>Ophiophagus hannah</i> (Cantor) |

Family 19. VIPERIDAE

90. *Vipera russli* (Shaw)

SYSTEMETIC ACCOUNT

Order I TESTUDINES

Family 1. CHELONIIDAE

1. *Lepidochelys olivacea olivacea* (Eschscholtz)

1829. *Chelonia olivacea* Eschscholtz, *zool. Atlas, pt. 1 : 2, pl. 11.*

Material examined : Balasore Dist. 2 ex., Guhirmata 27. iii. 1974 (coll. SB), Puri Dist.: 7 ex., Konarak coast, ii. 1975 (Coll. SB).

Distribution : Orissa : As above under material. The species are distributed widely in the warmer parts of tropical and subtropical Atlantic, Indian and Pacific Oceans.

Remarks : From the available records, it appears that this turtle commonly known as Olive Ridley comes for nesting in large numbers to the sea side deltoid areas of Brahamani and Baitarani rivers and Puri-Balukhanda, Konarak-chandrabhaga and Chandipur-Burablang coastal areas.

Family 2. EMYDIDAE

2. *Kachuga tentoria* (Gray)
(Oriya name : Pani Kaincha)

1834. *Emys tentoria* Gray, *Proc. zool. Soc.*, : 54.

Material examined : Cuttack Dist. : 1 ex., Naraj (coll. EOM & SB); Dhenkanal Dist.: 2 ex., Tikarapara (coll. EOM & SB).

Measurements : Carapace length 77-183 mm (carapace breadth 67-137 mm carapace depth 50-91 mm) Plastron length 73-189 mm.

Distribution : Orissa : Localities as mentioned under Material. *Elsewhere* : Andhra Pradesh, Bihar, Madhya Pradesh, Uttar Pradesh and West Bengal.

Remarks : The species is absolutely aquatic and inhabits the slow running water near the banks and still water pools on the river side. It is mainly herbivorous.

Family 3. TRIONYCHIDAE

3. *Lissemys punctata granosa* (Schoepff)
(Oriya name : Panka Kaichha)

1792. *Testudo punctata granosa* Schoepff, *Hist. Test.* : 127, pls. 30 A & B.

Material examined : Bolangir Dist. : 4 ex., 5 km w of Forest Rest House. Mahakhand, 31. v. 1972 (coll. DPS). Cuttack Dist. : 1 ex., Nandankanan, 29. x. 1971 (coll. DPS); 1 ex., Paradip, 22. v. 1972 (coll. PKT), Puri Dist. : 1 ex., Konarak, 23. ix. 1972 (coll. YC).

Measurements : Carapace length 90 to 110 mm.

Distribution : Orissa : Widely distributed throughout the state in the river streams, muddy ditches, lakes & marshes. It is however, very common throughout the peninsula south of Ganges in India. It is also reported from Sri Lanka.

Family 4. TESTUDINIDAE
4. *Geochelone elongata* (Blyth)

1853. *Testudo elongata* Blyth, *J. Asiat. Soc. Bengal*, 22 : 639.

Material examined : Puri Dist : 1 ex., from a forest, 27. iv. 1969 (coll. D. F. O. Puri Division).

Measurements : Carapace length 220 mm, Breadth 154 mm, Length of plastron 190 mm.

Distribution : Orissa : Locality as mentioned under Material (First record from Orissa), Elsewhere : Bihar, Uttar Pradesh (Garhwal district) and West Bengal (Jalpaiguri district). Also the north eastern states. Extralimittally in Bangladesh, Burma, Cambodia, Indonesia, Laos, Malaysia, Nepal, Thailand and Vietnam.

Remarks : This species inhabits the low rocky hilly areas.

Order II SQUAMATA
Suborder (i) SAURIA
Family 5. GEKKONIDAE
5. *Cyrtodactylus nebulosus* (Beddome)

1970. *Gymnodactylus nebulosus* Beddome, *Madras Month. J. Med. Sc.*, 2 : 174.

Material examined : Koraput Dist : 1 ex., Madpad, 21. ii. 1977 (coll. NM).

Measurements : Length : Snout to vent 32 mm, tail 20 mm.

Distribution : Orissa : As mentioned above (First record from Orissa). Elsewhere : India: Golconda Hills; George Hill, Russelconda and Nelamba (Tamil Nadu).

Remarks : Colour of the specimen is light brown. A curved mark is present on the nape and head, lips and throat are spotted with brown.

6. *Hemidactylus brooki* Gary

1845. *Hemidactylus brookii* Gray, *Cat. Liz. Brit. Mus.* : 153.

Material examined : Bolangir Dist. : 1 ex., Salapal. 4 km South of Bolangir, 1. i. 1972 (coll. PKM); 3 ex., Bolangir, 9-12. ix. 1972; 1 ex., Titlagarh, 16. ix. 1972 (coll. JmJ); 3 ex., Lathore, 21. v. 1972; 1 ex., Mahakhand, 27. v. 1972 (coll. DPS). Boudhkhandmals Dist. : 1 ex., Kotagarh, 15. xii. 1973 (coll. DPS). Dhenkanal Dist., 1 ex., Purnakot, 25. xi. 1972 (coll. JKS). Ganjam Dist. : 7 ex., Gopalpur, 14. xi. 1972 (coll. DPS); 1 ex., Gopalpur, 27. v. 1972 (coll. PKT). Keonjhar Dist. : 1 ex., Dhenkikote, 27. xii. 1975 (coll. DPS). Koraput Dist. : 2 ex., Chandili, 28. xi. 1977 (coll. DPS). Mayurbhanj Dist. : 1 ex., Chahala, 24. i. 1971 (Coll. An. KM), 2 ex., Bijoyramchandrapur, 10. viii. 1972 (coll. SKM); 1 ex., Gurguria, Simlipal hill, 23 km of NE of Joshipur, 13. xi. 1972 (coll. JKS); 1 ex., Lulang, 11. xii. 1975 (coll. DPS). Puri Dist. : 1 ex., Balugaon, 16. xii. 1960 (coll. BSL); Barkul near Chilka Lake,

Baligai near Puri, Puri (coll. Dr. Annandale, Capt. F. H. Stewart, 1913). Gopkudgs, Chilka Lake (coll. R. Hodgart). Sambalpur Dist. : 2 ex., Jharsuguda, 5. i. 1972 (coll. PKM); 1 ex., Deogarh, 12. vi. 1972 (coll. DPS); 1 ex., Jharsuguda, 30. x. 1972 (coll. JMJ); 1 ex., Deogarh, 29. xii. 1972 (coll. An K M); 1 ex., Kansar, 2. i. 1973 (coll. An. K M). Sundargarh Dist. : 3 ex., Sundargarh 26-28. xii. 1971 (coll. PKM); 1 ex., Bishal Bhari R. Forest, 5 km SE of Sundargarh, 9. i. 1972; 3 ex., Bilijuri vill., 4 km W of Sundargarh, 11. i. 1972 (coll. PKM); 1 ex., Kalung, 6 km W. of Panposh, 22. vi. 1972 (coll. DPS); 1 ex., Near Collage, Sundargarh town, 27. x. 1972 (coll. JMS); 2 ex., Bonaigarh, 9. iv. 1973 (coll. TKS).

Measurements : Length : Snout to vent 22-47 mm; tail 55 mm.

Distribution : Orissa : Localities as mentioned under Material above. Elsewhere : India : Whole of India. Also Sri Lanka, Burma, China, SE Asia, North Africa and West Indies.

Remarks : This species is characteristically a domestic gecko over much of its range but it is sometime found far away from human habitations.

7. *Hemidactylus leschenaulti* Duméril & Bibron

1836. *Hemidactylus leschenaulti* Duméril & Bibron, *Erp. Gen.*, 3 : 364.

Material examined : Balasore Dist., 1 ex., Nilgiri, 26. x. 1971 (coll. DPS). Boudhkandmels Dist. : 1 ex., Phulbani, 14. i. 1972 (coll. KVSr). Cuttack Dist. : 3 ex., Nandankanan, 3 & 14. xi. 1971 (coll. DPS). Ganjam Dist. : 5 ex., Gopalpur, 14. xi. 1971 (coll. DPS); 1 ex., Mohana, 18. xii. 1971 (coll. VCA). Koraput Dist. : 4 ex., Chandili, (coll. DPS). Puri Dist.: Puri, 2. ii. 1975 (coll. SB); Barkul, near Chilka Lake (Dr. N. Annandale). Sambalpur Dist. : 2 ex., Badrama, 3. xi. 1972 (coll. DPS); Sundargarh Dist. : 1 ex., Bedvyas, ca 5 km N of Punpose, 26. vi. 1972 (coll. DPS).

Measurements : Length : Snout to vent 48-52 mm; tail 60 mm.

Distribution : Orissa : Localities as mentioned above under Material. Elsewhere : India: Annamalai, Nilgiri & Palkonda Hills & Godavary valley (Andhra Pradesh); Belgaum (Karnataka); Bombay, Pune and Nagpur (Maharashtra); Khandesh & Dangs, Sural (Gujarat); South of Jaisalmer (Rajasthan); Calcutta (West Bengal); Sri Lanka.

Remarks : This is an arboreal gecko found on large trees such as banyan, mango and tamarind. It usually lies concealed under bark of trees, several feet above the ground.

8. *Hemidactylus flaviviridis* Rüppell

1835. *Hemidactylus flaviviridis* Rüppell, *Neue Wirb : Fauna. Abyss.* : 18, pl. vi. fig. 2.

Material examined : Bolangir Dist.; 3 ex., Lathore, 21. v. 1972; 2 ex., Harishankar hill, ca 40 km n of Lathore, 25. v. 1972 (coll. DPS); 2 ex., Titlagarh, 16. xi. 1972 (coll. JMJ). Sambalpur Dist. : 4 ex., Jharsuguda, 31. x. 1972 (coll. JMJ). Sundargarh Dist. : 4 ex., near college, Sundargarh, 25-27. x. 1972 (coll. JMJ).

Measurements : Length : Snout to vent 58-82 mm; tail 85 mm.

Distribution : Orissa : Localities as mentioned above. Elsewhere : India : Northern India to W. Bengal and south to the vicinity of Bombay. Also occurs from the shores of the Red Sea and around the coasts of Arabia and Iran,

Remarks : This gecko is an edificial species, seldom seen far from human dwellings.

9. *Hemidactylus frenatus* Schelegel

1836. *Hemidactylus frenatus* Schelegel, *Erp. Gen.*, 3 : 336.

Material examined: Cuttack Dist. : 1 ex., Nandankanan, 1. xi. 1971 (coll. DPS). Ganjam Dist. : 10 ex., Gopalpur, 14. xi. 1971 (coll. DPS). Kalahandi Dist. : 1 ex., 3 km W of Madanpur-Rampur, 7. xii. 1977 (coll. DPS). Mayurbhanj Dist. : 1 ex., c 5 km NE of Joshipur, 18. xii. 1975 (coll. DPS). Puri Dist. : Barkuda Is, Chilka Lake (coll. N. Annandale and F. H. Gravely)

Measurements : Length : Snout to vent 35-50 mm; tail 55 mm.

Distribution : Orissa : Localities as mentioned above under Material. Elsewhere : India: West Bengal; Southern India. Also Sri Lanka and Southern Indo-China.

Remarks : Greyish brown above with indistinct darker markings arranged longitudinally and dirty whitish below.

10. *Eublepharis hardwickii* Gray

1827. *Eublepharis hardwickii* Gray, *Phil. Mag.* (2) ii : 56.

Material examined : Bolangir Dist. : 1 ex., Harishankar, 16. vi. 1978 (coll. NCG). Dhenkanal Dist. : 1 ex., Tikarpara, Jan, 1978 (coll. AKS).

Measurements : From snout to vent 80 mm; tail 65 mm.

Distribution : Orissa : Localities as mentioned under Material. Elsewhere : Bengal, Bihar (Chota Nagpur), Madhya Pradesh, Uttar Pradesh.

Remarks : Colour dark brown above with cream colour transverse markings.

Family 6. AGAMIDAE

11. *Sitana ponticeriana* Cuvier

1844. *Sitana ponticeriana* Cuvier, *Guerin Icon. Reg. Anima. Rept.* : pl. x. fig. 2.

Material examined : Bolangir Dist. : 6 ex., Lathore, 22. v. 1972; 10 ex., Dhurakhamund vill., ca. 11 km SE of Lathore, 23. v. 1972; 1 ex., ca 6 km NW of Forest Rest House, Lathore, 24. v. 1972; 7 ex., Harishankar Hill, 25. v. 1972; 4 ex., Mahakhand, 27. v. 1972; 3 ex., Mahakhand vill., ca 3 km SE of Forest Rest House, 30. v. 1972 (coll. DPS); 2 ex., Bolangir, 10. xi. 1972 (JMJ); 2 ex., Sonapur, 14. i. 1975 (coll. SB), Boudhkhondmals Dist. : 1 ex., Kotagarh, 12. xii. 1973 (coll. DPS). Dhenkanal Dist. : 1 ex., Purnakot, 25. xi. 1972 (coll. JKS). Ganjam Dist. : 1 ex., Taptapani, June, 71 (coll. DPS). Kalahandi Dist. : 1 ex., near Bhawanipatna, 31. 1. 1972 (coll. AnKM); 11 ex., Nakjhari ca. 18 km SE of Madanpur-Rampur, 10. xii. 1973 (coll. DPS), Keonjhar Dist. : 1 ex., Gopalpur, 4. ii. 1971 (coll. AnKM); 1 ex., Ghatgaon, 21. xii. 1975 (coll. DPS). Mayurbhanj Dist. : 1 ex., near Budjore Irrigation Project, 17. ii. 1976 (coll. RLC). Puri Dist. : 1 ex., Konarak, 9. vi. 1972 (coll. PKT); 7 ex., Konarak, 29 & 30. i. 1975 (coll. SB). Sambalpur Dist. : 4 ex., Badrama, 2. vi. 1972 (coll. DPS); 1 ex., Badrama, 27. xii. 1972 (coll. AnKM). Sundargarh Dist. : 3 ex., Sundargarh, 28. xii. 1971 (coll. PKM).

Measurements : Length : snout to vent 25-40 mm; tail 75-120 mm.

Distributio : Orissa : Localities as mentioned above under Material. Elsewhere : India : whole of India up to Himalayan foothills except Bengal east of Ganges, but there is a specimen from Haldibari (North Bengal). Also Sri Lanka.

Remarks : The specimens belong to the smaller form out of two forms mentioned by Smith (loc. cit.) due to the following characters : tail more than twice the length of head and body, hindlimb reaching the tip of snout, labial and occipital scales intermixed with larger ones.

12. *Calotes versicolor* (Daudin)

1802. *Agama versicolor* Daudin, *Hist. Nat. Rept.* 3 : 395.

Material examined : Balasore Dist. : 9 ex., Nilgiri, 23-24.x. 1971; 8 ex., Santagaria ca 8 km s of Nilgiri, 26. x. 1971; 8 ex., Scrogarh, ca. 8 km E of Nilgiri, 27. x. 1971 (coll. DPS). Bolangir Dist., 2 ex., Matkai R. F. ca. 12 km SW of Bolangir, 31. xii. 1971 (coll. PKM); 8 ex., Lathore, 21-22 & 24. v. 1972; 5 ex., Dhurakhamund vill., ca 11 km SE of F. R. H., Lathore 23. v. 1972; 1 ex., Harishankar hill, 25. v. 1972; 7 ex., Mahakhand, 27-30. v. 1972 (coll. DPS); 1 ex., Raj Bari, Bolangir, 30. ix. 1972; 1 ex., Kadampara vill. near Bolangir, 1. x. 1972; 1 ex., Titlagarh, 6. x. 1972 (coll. SK); 2 ex., Bolangir, 11. xi. 1972; 6 ex., Titlagarh, 15-17. xi. 1972 (coll. JMJ); 2 ex., Lathore, 22. xi. 1972 (coll. DPS); 3 ex., Lathore, 14-15. xii. 1972 (coll. AKM); 3 ex., Sonapur, 14 & 18. i. 1975 (coll. SB), Boudhkhendmal Dist. : 4 ex., Hill behind Panchayat Bhaban, Phulbani 10. i. 1972 (coll. KVSR); 6 ex., Kotagarh 12-15. xii. 1973 (coll. DSP); 1 ex., Kalinga, 29. vi. 1974; 1 ex., Baliguda, 1. vii. 1974 (coll. AKM). Cuttack Dist. : 7 ex., Nandankanan, 21. x. 1971 (coll. DPS); 1 ex., ca 6 km E of Cuttack 28. x. 1971 (coll. SSS); 19 ex., Nandankanan, 1 & 3. xi. 1971 (coll. DPS); 3 ex., Paradip, 21. v. 1972 (coll. PKT); 2 ex., Barang, 15. vii. 1973 (coll. An. KM), 1 ex., Nandankanan, 21. i. 1975 (coll. SB); Ganjam Dist. : 2 ex., Chatrapur, 25. xi. 1962 (coll. GR); 1 ex., ca. 2 km N of Rambha Rly Station 28. v. 1969 (coll. KNN); 12 ex., from different localities round Gopalpur, 9-15. xi. 1971; 52 ex., collected from different localities round Rambha, 5-19. xi. 1971; 43 ex., collected from different localities of Berhampur, 19-22. vi. 1971; 10 ex., Taptapani, 17. xi. 1971 (coll. DPS); 2 ex., Mohana, 16-17. xii. 1971 (coll. VCA); 1 ex., Taptapani 14. vii. 1973; 1 ex., Chandragiri, 15. vii. 1973 (coll. AKM). Kalahandi Dist. : 1 ex., ca. 5 km N of Bhawanipatna, 29. i. 1972 (coll. NVSR); 4 ex., Madanpur-Rampur, 6-7. xii. 1973 (coll. DPS); 1 ex., Longigarh, 7. vii. 1974; 3 ex., Biswanathpur, 6 & 10. vii. 1974 (coll. An. KM). Keonjhar Dist. : 2 ex., (JUV). 21. viii. 1972 (coll. SKM); 1 ex., 5-20. xi. 1972 (coll. JKS); Ghatgaon, 21. 24. xii. 1975; 6 ex., Dhenkikote, 26-29. xii. 1975 (coll. DPS). Koraput Dist. : 3 ex., Jeypore, 23-24. xi. 1973; 4 ex., Chandili, 26-28. xii. 1973; 1 ex., 4 km NE of P. W. D. I. B., Jeypore, 3. xii. 1973 (coll. DPS); 1 ex., ca 3 km SW of Jeypore, 4. xii. 1973; 2 ex., Madpad, 6. vii. 1974; 1 ex., Rayagada, 17. vii. 1974. (coll. An. KM); 10 ex., Govindapalle, ca 51 SW of Jeypore, 21. ii. 1977, 6 ex., Balimala, 3. iii. 1977; 1 ex., Chitrakonda, 20. iii. 1977 (coll. NM). Mayurbhanj Dist. : 1 ex., Chahala, 21. i. 1971 (coll. An. KM); 1 ex., Baripada, 6. viii. 1972 (coll. SKM); 1 ex., Gurguria, 13. xi. 1972 (coll. JKS); 1 ex., Bangripasighat, 25. iii. 1973 (coll. SKG); 8 ex., Lulang, 12-15. ii. 1975 (coll. RLC); 5 ex., Lulang, 11-13. xii. 1975; 1 ex., ca 5 km NE of Joshipur, 18. xii. 1975 (coll. DPS); 3 ex., Kathpal, 15-18. ii. 1976 (coll. RLC), Puri dist. : 4 ex., Balugaon, 12-23. xii. 1960 (coll. BSL); 19 ex., Chilka and Balugaon, 15-22. ii. 1969 (coll. KNN); 1 ex., Puri, 7. ii. 1971 (coll. VKP); 2 ex., Puri, 2. vi. 1972; 8 ex., 8-9. vi. 1972

(coll. PKT); 4 ex., Konarak, 15-20. ix. 1972; 4 ex., Balugaon, 29. ix. 1972 (coll. YC); 2 ex., Berbera, 23. vii. 1973; 1 ex., Konarak, 27. vii. 1973 (coll. AKM); 5 ex., Konarak, 13-17. xii. 1973 (coll. MH); 2 ex., Balugaon, 30. xii. 1973; 1 ex., Kalipuraghat, 2. i. 1974; 3 ex., Berbera, 4-9. i. 1974 (coll. RLC); 1 ex., Puri, 29. i. 1975 (coll. SB); 4 ex., Konarak, 1. iii. 1977 (coll. NM). Sambalpur Dist.; 1 ex., Badrama, 6. vi. 1972; 2 ex., Deogarh, 12. vi. 1972 (coll. DPS); 1 ex., (JUV), Jharsuguda, 18. ix. 1972; 2 ex., (JUV); Sambalpur, 28. ix. 1972 (coll. SK); 2 ex., Jharsuguda, 1. xi. 1972; 6 ex., Sambalpur, 3-7. xi. 1972 (coll. JMJ); 1 ex., Deogarh, 29. xii. 1972; 3 ex., Barkot, 1. i. 1973; 2 ex., Kansar, 2. i. 1973; (coll. An. KM). Sundargarh Dist. : 9 ex., Bonaigarh, 15-17. vi. 1972, 6 ex., Panposh, 23-25. vi. 1972 (coll. DPS); 5 ex., collected from different localities of Sundargarh, 12-22. ix. 1972 (coll. SK); 1 ex., Sundargarh town; 25. x. 1972; 1 ex., near collage, Sundargarh, 27. xi. 1972 (coll. JMJ); 6 ex., Bonaigarh, 6-9. i. 1973 (coll. An. KM); 12 ex., Panposh, 22. iii. 1973 (coll. TKS).

Measurements : Length : snout to vent 60-195 mm; tail 165-290 mm.

Distribution : Orissa : localities mentioned as above under Material. Elsewhere : India : common throughout India and the Andaman Islands. Also Pakistan, Afghanistan, Sri Lanka, Nepal, Burma, Northern part of Malay Peninsula, Indo-China, Hainan, Hongkong and South China.

Remarks : This common garden lizard is essentially arboreal in its habits but is also found in the open fields, hedges and gardens. It climbs with great agility, often jumping from branch to branch. Its toes are prehensile and the long tail is used for balancing. When sleeping or basking it usually lies with the body closely pressed against a stem. It feeds upon various kind of insects.

13. *Psammophilus blanfordanus* (Stoliczka)

1871. *Charasia blanfordana* Stoliczka, *Proc. Asiat. Soc. Bengal*, : 194 and 1872. *J. Asiat. Soc. Bengal*, 41 : 110, pl. iii, fig. 5.

Material examined : Bolangir Dist. : 8 ex., Lathore, 21-25. v. 1972., 7 ex., Mahakhand, 27-30. v. 1972, Boudhkhondmals Dist. : 5 ex., Kotagarh, 13-16. xii. 1973 (coll. DPS), Ganjam Dist. : 1 ex., Chandragiri, 15. vii. 1973 (coll. An. KM), Kalahandi Dist. : 6 ex., collected from different localities of Madanpur-Rampur, 6-10. xii. 1973 (coll. DPS), Keonjhar Dist.; 5 ex., Ghatgaon, 19-21. xi. 1972 (coll. JKS); 6 ex., Kushnupur, vill., ca 3 km NE of P. W. D., I. B. Ghatgaon, 22-24. xii. 1975 (coll. DPS), Koraput Dist. : 5 ex., Govindapalle, 1-3. iii. 1977; 5 ex., Balimala, 10. iii. 1977; 2 ex., Chitrakonda, 16. iii. 1977 (coll. NM). Mayurbhanj Dist. : 1 ex., Asana, 16. viii. 1972 (coll. SKM); 1 ex., Champagarh, 4. xii. 1972 (coll. JKS); 2 ex., Bangriposighat, 25. iii. 1973 (coll. SKG); 7 ex., Lulang, 11-13. xii. 1975 (coll. DPS). Puri Dist. : 2 ex., Barang, 23. i. 1975 (coll. SB); Puri & Khandagiri (coll. F. H. Gravely). Shambalpur Dist. : 23 ex., Badrama, 2-6. vi. 1972; 7 ex., Deogarh, 11-12. vi. 1972 (coll. DPS); 3 ex., Sambalpur, 7. xi. 1972 (coll. JMJ); 1 ex., Kansar, 2. i. 1973 (coll. AKM). Sundargarh Dist. : 1 ex., Barsur, 15. ix. 1972 (coll. SK); 7 ex., Bonaigarh, 6-9. i. 1973 (coll. An. KM).

Measurements : Length : snout to vent 60-85 mm; tail 90-160 mm.

Distribution : Orissa: localities as mentioned above under Material. Elsewhere : India : Bihar, Madhya Pradesh, Eastern Ghats, South Kerala upto Trivandrum.

Remarks : Common in many parts of Orissa

Family 7. CHAMAELEONIDAE

14. *Chamaeleo zeylanicus* Laurenti

(Oriya name : Bahurupi, Endua or Pohola Endua)

1768. *Chamaeleo zeylanicus* Laurenti, *Syn. Rept.* : 46.

Material examined : Cuttaack Dist. : 1 ex., Nandankanan, Dec. 1976 (coll. RP). Ganjam Dist. : 1 ex., Taptapani, 13. vii. 1973 (coll. An. KM). Puri Dist. : 2 ex., Paradip, 4. ix. 1972 (coll. YC); 1 ex., Berber, 25. vii. 1973 (coll. An. KM). Sambalpur Dist. 1 ex., Binakhand vill., 26. ix. 1972 (coll. SK).

Measurements : Length : Snout to vent 95-140 mm, tail 115-165 mm

Distribution : Orissa : as mentioned above under Material. Elsewhere : India : The Peninsular India south of the Gangetic Plain, Cutch. Also Sri Lanka.

Remarks : This chamaeleon is essentially arboreal in its habits. It is found on plants and bushes and is a voracious eater.

Family 8. SCIENCIDAE

15. *Mabuya bibroni* (Gray)1838. *Tiliqua bibroni* Gray, *Ann. Mag. Nat. Hist.*, 2 : 290.

Material examined : Prui Dist. : 1 ex., Puri 2. iii. 1964 (coll. NVSR); 2 ex., Konarak, 30. i. 1975 (coll. SB).

Measurements : Length : snout to vent 35-40 mm, tail 50-55 mm.

Distribution : Orissa : As mentioned above under Material. Elsewhere : India : Madurai Dist., Ramnad and Rameswaram in Tamil Nadu. Also Sri Lanka.

Remarks : Colour olive brown above and whitish below, with 28 scales round the middle of the body.

16. *Mabuya dissimilis* (Hallowell)1857. *Euprepis dissimilis* Hallowell, *Trans. Amer. Phil. Soc.* (2), 11. 78.

Material examined : Bolangir Dist. : 1 ex., Bolangir, 10. xi. 1972 (coll. JMJ). Koraput Dist. : 1 ex., Malakangiri, 2. xii. 1973 (coll. DPS).

Measurements : Length : snout to vent 38-42 mm, tail 52-60 mm.

Distribution : Orissa : As mentioned above (First record from Orissa). Elsewhere : India : The range is from West Bengal & Bihar across the plains of central and northern India. Also Waziristan, Sibi district (Baluchistan), Shikarpur (Sind) and Rawalpindi in Pakistan.

Remarks : Colour light brown above with a vertebral and 2 dorso-lateral greenish white stripes; lower parts yellowish-white; with 34 to 35 scales around the middle of the body.

17. *Mabuya macularia* (Blyth)1853. *Euprepes macularius* Blyth, *J. Asiat. Soc. Bengal*, 22 : 652.

Material examined : Bolangir Dist. : 8 ex., collected from different localities round lathore, 23-25. v. 1972; 2 ex., Mahakhand, 30. v. 1972 (coll. DPS). Boudhkhondmals Dist.:

2 ex., Kotagarh, 13. xii. 1973 (coll. DPS). Kalahandi Dist. : 15 ex., Nakjhari, ca 18 km. S. E. of Madanpur-Rampur, 10. xii. 1973 (coll. DPS). Keonjhar Dist. : 1 ex., Ghatgaon, 21. xii. 1975 (coll. DPS). Mayurbhanj Dist. : 1 ex., Chahala, 24. i. 1971 (coll. An. KM). Sambalpur Dist. : 7 ex., Badrama, 4-6. vi. 1972; 7 ex., collected from different localities round Deogarh, 9-12. vi. 1972 (coll. DPS). Sundargarh Dist. : 2 ex., Bonaigarh, 13. xii. 1971 (coll. PKM); 1 ex., Panposh, 25. vi. 1972 (coll. DPS).

Measurements : Length : snout to vent 30-35 mm. tail 35-65 mm.

Distribution : Orissa : localities mentioned as above under Material. Elsewhere : India : Throughout. Also Pakistan (Sind and Rawalpindi), Indo-china, Malay Peninsula, Burma and Sri Lanka.

Remarks : Smith (1935) mentioned five geographical 'forms', the present examples conform to the fourth 'form' due to the presence of 28-30 scales around the body; dorsal and lateral scales with 7-8 distinct keels.

18. *Mabuya carinata* (Schneider)

1807. *Scincus carinatus* Schneider, *Hist. Amphib.*, 2 : 183.

Material examined : Balasore Dist. : 2 ex., Scrogarh, ca 8 km E. of Nilgiri, 27. x. 1971 (coll. DPS). Bolangir Dist. : 1 ex., ca 4 km S. of forest rest house, Lathore; 22. vi. 1972; 2 ex., Dhurakhamund vill., ca 4 km S. E. of Lathore, 23. v. 1972; 3 ex., Harishankae, 25. vi. 1972; 2 ex., Mahakhand, 27 & 29. v. 1972 (coll. DPS); 1 ex., Bolangir, 10. xi. 1972; 4 ex., Titlagarh, 15-17. xi. 1972 (coll. JMJ); 1 ex., Sonapur, 18. i. 1975 (coll. SB). Cuttack Dist. : 2 ex., Nandankanan, 21. x. 1971 (coll. DPS); 3 ex., Nandankanan, 21-25. i. 1975 (coll. SB). Ganjam Dist. : 1 ex., Taptapani 1971 (coll. DPS). Kalahandi Dist. : 1 ex., Jharkhaman, 9. xii. 1972, 1 ex., Biswanathpur, 6. vii. 1974 (coll. An. KM). Koraput Dist. : 1 ex., Malakangiri, 2. xii. 1973 (coll. DPS); 6 ex., Madpad, 19-21. ii. 1973. 1 ex., Govindapalle, 1. iii. 1973 (coll. NM). Puri dist. : 2 ex., Konarak, 15 & 17. xii. 1972 (coll. MH); 1 ex., Kalipuraghat, 2. i. 1974 (coll. RLC). Sambalpur Dist. : 1 ex., Badrama, 6. vi. 1972, 1 ex., Deogarh, 11. v. 1972 (coll. DPS); 1 ex., Pallahara, 31. xii. 1972 (coll. An. KM). Sundargarh Dist. : 1 ex., Bonaigarh, 15. vi. 1972 (coll. DPS), 1 ex., Bonaigarh, 7. i. 1973 (coll. An. KM), 1 ex., Panposh, 25. vi. 1972 (coll. DPS).

Measurements : Length : snout to vent 105-130, tail 140-170 mm.

Distribution : Orissa : As mentioned above (First record from Orissa). Elsewhere : India : The Peninsular India except the extreme North-West.

Remarks : Olive above with a longitudinal streak along the lateral margins of the scales. A light dorso-lateral line starting from above the eye and extended up to the base of the tail. Lower parts yellowish-white.

19. *Mabuya beddomii* (Jerdon)

1870. *Euprepes beddomii*, Jerdon. *Proc. Asiat. Soc. Bengal*, : 73.

Material examined : Keonjhar Dist. : 1 ex., ca 4 km S. of P. W. D. I. B. Ghatgaon, 22. xii. 1975 (coll. DPS)

Measurements : Length : snout to vent 55 mm, tail 99 mm.

Distribution : Orissa : As mentioned above under Material. Elsewhere : India : Southern India. Also Sri Lanka.

Remarks : Dorsal and lateral scales sub-equal, dorsal with 3 feebly keeled scales. With 32 scales round the body. A broad brownish band present along either side of head and upper part of flanks; it is edged above and below with a white streak, the lower part of which starts from upper lip and passes through the ear. Whitish below. Talukdar *et al.* (1979) recorded the species first time from Orissa.

20. *Riopa albopunctata* Gray

1846. *Riopa albopunctata* Gray, *Ann. Mag. Nat. Hist.*, 18 : 430.

Material examined : Balasore Dist. : 1 ex., Serogarh, ca 8 km E. of Nilgiri, 21. xi. 1971 (coll. DPS). Ganjam Dist. : 1 ex., Satpara Is., 45 km N. of Bulugaon, 23. ix. 1950 (coll. OBC & KKT). Puri Dist. : 1 ex., Puri, 15. ii. 1969. 1 ex., Chilka Lake., 15. ii. 1969, 2 ex., Chilka Lake, 18. ii. 1969, 4 ex., Injanpur, Bulugaon, 16. ii. 1969, 3 ex., ca 3 km N. E. of Khalikota Rly. Stn. 5. vi. 1969 (coll. KNN); 1 ex., under log, Barkuda Is., 9. vii. 1961 (coll. OBC); 1 ex., on the temple road, Puri, 18. xi. 1972 (coll. GR). Sundargarh Dist. : 2 ex., Sundargarh, 15-27. vii. 1971 (coll. PKM).

Measurements : Length : snout to vent 40-51 mm.

Distribution : Orissa : localities as mentioned above under Material. Elsewhere : India : Andhra Pradesh; Bilaspur (M. P.); Purnea, Muzaffarpur (Bihar); Mundiaghat (U. P.); Calcutta (W. B.), Dibrugarh, Kokilamukh (Assam).

Remarks : 26 to 28 smooth scales round the body. Lower eyelid scaly. Two or three of the central scales often much larger than the others. Brownish above with a dark spot on each scale forming longitudinal series. Yellowish-white below.

21. *Riopa punctata* (Linnaeus)

1799. *Scincus punctatus* Linn., *Hist. Amphib.* : 197.

Material examined : Ganjam Dist : 2 ex., Berhampur, Dec. 1976 (coll. RP)

Measurements : snout to vent 55 mm.

Distribution : Orissa : Locality as mentioned under Material. Elsewhere : Bihar, Madhya Pradesh, Uttar Pradesh, Andhra Pradesh and Tamil Nadu.

Remarks : Brown above with a dark basal spot on the sides of each scale.

22. *Barkudia insularis* Annandale (Oriya name : Deemundia)

1917. *Barkudia insularis* Annandale, *Rec. Ind. Mus.* 13 : 20, figs.

Material examined : Cuttack Dist. : 1 ex., Nandankanan, 2. xi. 1973 (coll. SB); 2 ex., Nandankanan, 12. xi. 1978 (coll. LNA). Puri Dist. : 1 ex., From understone, Barkuda Is., Chilka Lake, 5. vii. 1961 (coll. OBC).

Measurements : Length : snout to vent 51 mm, tail 22 mm.

Distribution : Orissa : As mentioned above under Material. Elsewhere : India : Andhra Pradesh (Waltair).

Remarks : Body much elongate. 21 smooth scales round the middle of the body. Colour light brown above with a central dot on each dorsal scale. Lower parts whitish.

Family 9. LACERTIDAE

23. *Ophiosops beddomei* (Jerdon)

1870. *Pseudophiops beddomei* Jerdon, *Proc. Asiat. Soc. Bengal*, : 72.

Material examined: Boudh-Khandmals Dist. : 1 ex., Kotagarh, 24. i. 1972 (coll. KVSr).

Measurements: Length : snouth to vent 34 mm, tail broken.

Distribution: Orissa : As mentioned above under Material. (First record from Orissa).
Elsewhere : India : S. Kanara plains. Karnataka; Madras, Satara district, Maharashtra; Goa; Brahmagiri Hills, Kerala.

Remarks: 28 scales round the body. Colour olive-brown above. Yellowish-white below. *Ophiosops* is diurnal terrestrial and moderately secretive. It is often found under rocks and rubbish, it darts rapidly from one bit of shelter to another.

24. *Cabrita jerdoni* Beddome

1870. *Cabrita jerdoni* Beddome, *Madras Month, J. Med. Sci.*, : 34.

Material examined: Kconjhar Dist. : 2 ex., 2 km S. of Ghatgaon I. B. 22. xi. 1972 (coll. JKS).

Measurements: Length : snout to vent 26 mm tail 97 mm.

Distribution: Orissa : As mentioned above under Material. (First record from Orissa).
Elsewhere : India : Agra, Uttar Pradesh, Chanda, Bilaspur, Bhandra, Madhya Pradesh, Udaipur, Jashpur, West of Chota Nagpur, Palkonda Hills. Godavari district, Andhra Pradesh.

Remarks: Labials not keeled. Upper head-shields coarsely striated. Dorsal scales larger. 28 scales round the middle of the body. Colour brownish above with two light lateral stripes.

Family 10. VARANIDAE

25. *Varanus bengalensis* (Daudin)

(Oriya name : Godhi, Goisap)

1802. *Tupinambis bengalensis* Daudin. *Hist. Nat. Rept.*, 3 : 67.

Material examined: Bolangir Dist. : 1 ex., Mahakhand, 28. v. 1972 (coll. DPS). Cuttack Dist. : 1 ex., Nandankanan, 29. x. 1971 (coll. DPS). Ganjam Dist. : 1 ex., Behrampur, Dec., 1976 (coll. RP). Kalahandi Dist. : 1 ex., Manipani, 9. vii. 1972 (coll. An. KM).

Measurements: Length : snouth to vent 600 mm, tail 890 mm.

Distribution: Orissa : localities as mentioned above under Material. Elsewhere : India : Occurs throughout India. Also Burma, Nepal, Sri Lanka, Pakistan and Iran.

Remarks: The body in adults in brownish or olive above, usually with blackish dots; lower parts are yellowish sometimes spotted black. The lizards lives in all biotops from evergreen forests to the fringes of the desert.

26. *Varanus flavescens* (Gray)

(Oriya name : Godhi)

1827. *Manitor falvensens* Gray, *Zool. Journ.* 3 : 226.

Material examined: Balasore Dist. : 4 ex., Serogarh, ca 8 km E. of Nilgiri, 27. x. 1971. Cuttack Dist. : 13 ex., Nandankanan, 29. x. 1971 (coll. DPS).

Measurements : Length : snout to vent 310 mm, tail 450 mm.

Distribution : Orissa : localities as mentioned above under Material. Elsewhere : India : W. Bengal, Bihar, Punjab.

Remarks : The nostril is nearer the end of the snout. The tail is compressed and has a low double-toothed crest above. The back and tail in adult is a fairly distinct pattern of alternating transverse bars of reddish-brown and dirty yellow.

Suborder (ii) SERPENTES
Family 11. TYPHLOPIDAE
27. *Ramphotyphlops braminus* (Daudin)
(Oriya name : Telia sapa)

1803. *Eryx braminus* Daudin, Hist. Nat. Rept., 7 : 279.

Material examined : Boudhkhandmals Dist. 2 ex., Raikai, 30. vi. 1974, 2 ex., Sankhakholi, 3. vii. 1974 (coll. An. KM). Dhenkanol Dist. : 1 ex., Purnakot, 1. xii. 1972 (coll. JKS). Ganjam Dist. : 2 ex., Barkul point, Rambha, 7. iii. 1955 (coll. HCR). Kalahandi Dist. : 1 ex., Biswanathpur, 9. vii. 1974 (coll. An. KM). Keonjhar Dist. : 1 ex., Ghatgaon, 22. xi. 1972 (coll. JKS). 1 ex., Dhenkikote, 26. xii. 1975 (coll. DPS). Koraput Dist. : 1 ex., near Bograwaterfalls, 13 km SE of Jeypore, 15. ii. 1972 (coll. KVSr). Puri Dist. : 1 ex., Barkuda Is., Chilka lake, 21. ix. 1923 (coll. NA). Sambalpur Dist. : 1 ex., Ushakothi, Badrama, 25. xii. 1972 (coll. AKM). Sundargarh Dist. : 1 ex., Sundargarh, 15. xii. 1971 (coll. PKM).

Measurements : Length : Snout to vent 137 mm, Tail 5 mm.

Distribution : Orissa : Barkuda Is. (Dr. N. Annandale & F. H. Gravely). Satpara (S. P. Agharkar) and the localities mentioned as above under Material. Elsewhere : India : Throughout including Andaman and Nicobar Islands. In the east it extends to Vietnam, Malayasia and in the west upto Africa. Also Mexico.

Remarks : 20 scales round the body. 297-310 transverse rows of scales. Colour brownish. These little burrowing snakes are found in below flowerpots in garden, flat stones, logs of wood etc., which afford shelter to this absolutely harmless and defenceless snake.

28. *Typhlops diardi diardi* Smith
(Oriya name : Telia sapa)

1839. *Typhlops diardi* Schlegel, *Abbilid. Amphib.* : 39.

Material examined : Mayurbhanj Dist. : 1 ex., Chahala, 26. i. 1972 (coll. An. KM).

Measurements : Total length 150 mm.

Distribution : Orissa : As mentioned above under Material. (first record from Orissa). Elsewhere : India. Bengal, Assam.

Remarks : Snout rounded, nostril lateral, eye distinct, colour brownish.

29. *Typhlops porrectus* Stoliczka

1871. *Typhlops porrectus* Stoliczka, *J. Asiat. Soc. Bengal*, 50 : 426, pl. XXV, figs, 1-4.

Material examined : Puri Dist. : 1 ex., on temple road, 18. xi. 1962 (coll. GR).

Measurements : Total length 170 mm.

Distribution : Orissa : Locality as mentioned above under Material. Elsewhere : India : W. Bengal, Bihar, Uttar Pradesh, Maharashtra (Bombay), Karnataka (Bangalore), Kerala. Also Sri Lanka and Upper Burma.

Remarks : Colour brownish above, paler below. Snout, chin and under side of tail usually whitish.

30. *Typhlops acutus* (Dum. & Bibr.)
(Oriya name : Telia Sapa)

1844. *Onychocephalus acutus* Dum. & Bibr., *Erp. Gen.* 6 : 333.

Material examined : Cuttack Dist. : 1 ex., Brahmanbasta reserve forest, 29. viii. 1972. Mayurbhanj Dist. : 1 ex., Bijoy Ramchandrapur vill. 10. viii. 1972 (coll. SKM). Sundargarh Dist. : 1 ex., Bonaigarh, 12. xii. 1971 (coll. PKM).

Measurements : Total length 210-320 mm.

Distribution : Orissa : Balasore (J. Cleghorn), Gopkuda Is, Chilka Lake (R. Hodgart), Angul (J. Taylor), Barkuda Is. and Ramba (N. Annandale) and the localities mentioned as above under Material. Elsewhere : India : South of the Gangetic plains and south of Rajasthan, West to Baroda (Gujarat) and east to Calcutta (West Bengal).

Remarks : 30 scales round the body, 450-468 transverse rows of scales. Colour-deep brownish above and paler below.

Family 12. BOIDAE

31. *Python molurus molurus* (Linnaeus)
(Oriya name : Ajagar Sapa, Boda Sapa)

1758. *Coluber molurus* Linnaeus, *Syst. Nat.* 10th ed., : 225

Material examined : Cuttack Dist. : 1 ex. Nandankanan, 28. iii. 1974. (coll. RKK).

Measurements : Length : Snout to vent. 1140 mm. Tail 160 mm. Scale counts V : 254, C : 60, D : 61.

Distribution : Orissa : Jeypore (R. Patton) and the locality as mentioned above under Material. Elsewhere : Peninsular India upto Sind in the West and Bengal in the East. Also Sri Lanka.

Remarks : Brownish above. 7th labial touching eye. Head with a lance-shaped mark.

32. *Eryx conicus* (Schneider)
(Oriya name : Boda Sapa)

1801. *Boa conica* Schneider, *Hist. Amphib.* 2 : 268.

Material examined : Sambalpur Dist.; 1 ex., Sambalpur Rly. Station compound, 2. vi. 1972 (coll. DPS).

Measurements : Length : Snout to vent. 310 mm Tail 33 mm.

Distribution : Orissa. Chandballi (J. Wood Mason), Chilka lake (Dr. N. Annandale) and the locality as mentioned above under Material. Elsewhere : India : The whole of India as far as Bihar and Bengal in the east and Nainital Distrinct in the west.

Remarks : Nostrill slit like, 10 scales between the eyes. 13 scales round the eye, Scales in 43 rows. Feebly keeled. Tail pointed. Colour brownish. The species is a sluggish and a persistent burrower.

Family 13. COLUBRIDAE

33. *Acrochordus granulatus* (Schneider)

1799. *Hydrus granulatus* Schneider, *Hist. Amph.* 1 : 243.

Material examined : Puri Dist. : 1 ex., Western coast of Chilka lake near Balugaon, 13. vi. 1969 (coll. KNN).

Measurement & counts : Total length 650 mm. 10 scales between the eyes. 95 scales round the middle of the body. Scale feebly imbricate with a small central keel.

Distribution : Orissa. Near Barkul, Chilka lake (Dr. N. Anandale) and the locality as mentioned above under Material. Elsewhere : India : Coasts of Bombay in the West and Bengal in the East. Also Nicobar Is.

Remarks : Colour dark grey with whitish crossbars above, showing many dorsal; scales on top of head small and granular. These snakes inhabit both fresh and salt water.

34. *Cerberus rhynchops* (Schneider)

1799. *Hydrus rhynchops* Schneider, *Hist. Amph.* 1 : 246.

Material examined : Cuttack Dist. : 1 ex., Nandankanan, 5. III. 1980 (coll. LNA) Puri Dist. : 2 ex., Shores of Chilka lake, Balugaon, 20. ix. 1950 (coll. BSC & KKT); 1 ex., Opposite Kankanpara Is. ca. 18 km E of Balugaon, Chilka lake, 21. i. 1954, 1 ex., Kespur, ca. 20 km SW of Balugaon Chilka lake, 3. ii. 1954 (coll. KSM); 1 ex., collected from the edge of water, satpura Is. Chilka lake, 20. xii. 1952 (coll. HCR); 2 ex., Parikuda Is, Chilka lake, 10. vi. 1969 (coll. KNN).

Measurements : Snout to vent 150-175 mm vent to tail 50-55 mm.

Distribution : Orissa : Gopkuda Is. Chilka lake (R. A. Hodgart) and the localities as mentioned above under Material. Elsewhere. Coasts of tidal rivers of India. Also from Andaman and Nicobar Islands.

Remarks : Scales are strongly keeled. Colour greyish above with dark spots. This snake is equally well adapted in sea as well as fresh water rivers.

35. *Enhydryis enhydryis* (Schneider)

(Oriya name : Danda Sapa, Pani Dhanda, Mati Birali)

1799. *Hydrus enhydryis* Schneider, *Hist. Amph.*, 1 : 245.

Material examined : Balasore Dist. : 2 ex., Santragaria, ca 8 km of Nilgiri, 26. xi. 1971. 1 ex., Sajangarh, ca 7 km NW of Nilgiri, 25. x. 1971, 1 ex., Serogarh, ca 8 km E of Nilgiri, 27. x. 1971. Ganjam Dist. 1 ex., Berhampur, 19. xi. 1971 (coll. DPS).

Measurements : Snout to vent 430-450 mm, vent to tail 85-95 mm.

Distribution : Orissa. Kendrapara (A. J. Fraser), Sur lake, near Puri (Dr. N. Annandale) and the localities mentioned as above under Material. Elsewhere : India : Assam, Bengal, Bihar, Andhra Pradesh & Uttar Pradesh.

Remarks : Colour olivaceous above. This snake is fairly common in ponds, irrigated fields and sluggish water. Though it is mainly an aquatic snake it has to come to land to lay eggs. This breeding habit indicates that it was originally terrestrial but subsequently changed to an aquatic habit.

36. *Atretium schistosum* (Daudin)

1803. *Colour schistosus* Daudin, *Hist. Nat. Rept.*, 7 : 132.

Material examined : Balasore Dist. : 9 ex., collected from in and around Nilgiri area. 24-27. x. 1971 (coll. DPS). Puri Dist. : 1 ex. Barkul, 28. ix. 1972 (coll. YC).

Measurements & counts : Snout to vent 292-625 mm, Vent to tail 70-150 mm D. 19, V. 139. C. 77. A. 2.

Distribution : Orissa : Localities as mentioned above under Material. Elsewhere : India : Peninsular India, South of 15°N latitude and along coast to Uttar Pradesh. Sri Lanka.

Remarks : Colour olive-brownish above. It lives either in water or among the surrounding vegetation.

37. *Elephe helena* (Daudin)

1803. *Coluber helena* Daudin, *Hist. Nat. Rept.*, 6 : 277.

Material examined : Sambalpur Dist. : 1 ex. ca. 2 km east of P. W. D. I. B., Deogarh, 10. vi. 1972 (coll. DPS).

Measurements : Snout to vent 620 mm, tail 110 mm.

Distribution : Orissa : Jeypore (R. Patton) and the locality mentioned above under Material. Elsewhere : India : Peninsular India and from Sind in the west to Assam in the east. Also Sri Lanka.

Remarks : Light brown above with two longitudinal black stripes converging posteriorly.

38. *Ptyas mucosus* (Linnaeus)
(Oriya name : Dhamana Sapa)

1758. *Coluber mocusus* Linn., *Mus. Ad. Frid.*, 1 : 37, pl. 23 and *Syst. Nat.*, Ed. 10 : 226

Material examined : Balasore Dist. : 3 ex., Scrogarh, ca 8 km. E. of Nilgiri, 27. x. 1971 (coll. DPS), Cuttack Dist. : 2 ex., Nandankanan, 29. x. 1971, 1 ex., Swampyland, 1 km. NE of forest house, Nandankanan, 3. xi. 1971 (coll. DPS), Ganjam Dist. : 1 ex., besides tourist bungalow, Rambha, 6. xi. 1971, 1 ex., Gopalpur, 14. xi. 1971 (coll. DPS), Koraput Dist. : 1 ex., ca 3 km., 3 km. E of forest rest house, Chandli, 26. xi. 1973 (coll. DPS).

Measurements : Length : snout to vent 975 to 1820 mm, Tail 460 mm.

Distribution : Orissa. The localities mentioned as above under Material. It is common throughout Orissa. Elsewhere : India : including the Andaman Islands. Outside India, it occurs in Yunnan, South China, Hainan, Java, Sumatra.

Remarks : Colour olive-green above with dark cross bars on the body which are prominent in the posterior part of the body.

39. *Xenochrophis piscator* (Schneider)
(Oriya name : Dhanda Sapa, Panidhanda Sapa)

1799. *Hydrus piscator* Schneider, *Hist. Amph.* 1, : 247.

Material examined : Balasore Dist. : 1 ex., Raigao vill. ca 4 km E of Nilgiri, 24. x. 1971, 10 ex., Sajanagarh. ca. 7 km. NW of Nilgiri 25. x. 1971, 27 ex., Santragaria, ca 8 km. S. of Nilgiri, 26. x. 1971, 5 ex., Serogarh ca 8 km. E of Nilgiri, 27. 10. 1971 (coll. DPS), Chandipur, 13. v. 1972 (coll. PKT), Bolangir Dist. : 1 ex., Mahakhand, 30. v. 1972 (coll. DPS), 1 ex., Bolangir revenue I. B., 2. x. 1972 (Coll. SK), Cuttack Dist. : 1 ex., Cuttack, 2. xi. 1971 (coll. SSS), 1 ex., Kujang, 15. i. 1974 (coll. RLC), Ganjam Dist. : 1 ex., Rambha, 4. vii. 1961 (Coll OBC), 1 ex., from western shore of Chilka Lake, Rambha, 11. xi. 1971 (coll. DPS), Kalahandi Dist. : 1 ex., Jurakhman, ca 12 km. E of Madanpur-Rampur, 9. xii. 1973 (coll. DPS), Mayurbhanj Dist. : 1 ex., Kathpal, 13. ii. 1976 (Coll.RLC), Puri Dist. : 2 ex., Chilka lake, 17. ii. 1969, 1 ex., Balugaon, 21. ii. 1969, 2 ex., Chilka, 23. ii. 1969, 1 ex., Khalikota, 6. vi. 1969 (coll. KNN), 1 ex., Station road, Puri, 5. vi. 1972 (coll PKT), 1 ex., Konarak, 14. xii. 1973 (coll. MH), Sambalpur Dist. : 1 ex., Badrama, 2. vi. 1972, 1 ex., Deogarh, 13. vi. 1972 (coll. DPS).

Measurements : Length : snout to vent 325 to 805 mm, tail 100 to 235 mm.

Distribution : Orissa : The locality mentioned as above under Material. Elsewhere : India, whole of India. Also Pakistan and of Upper Burma (Myitkina).

Remarks : Smith (1943) distinguished four well defined races, each with its own geographical range. The specimen belongs to the typical form. The snake is found plentiful in large marshes, in weed-choked ditches and in ponds. It is seen most frequently during the monsoon, when seasonal rains greatly expand the available shallow, fresh-water habitat.

40. *Amphiesma stolata* (Linnaeus)
(Oriya name : Kauchia, Bramhuni, Matibiradi sapa)

1758. *Coluber stolatus* Linn., *Syst. Nat.*, 10th Ed. : 219 and 1766 Ibid, 12th ed. : 379.

Material examined : Balasore Dist. : 8 ex., Santragaria, ca 8 km. S of Nilgiri, 25/26. x. 1971, Cuttack Dist. : 2 ex., Nandankanan, 1. xi. 1971 (coll. DPS), Ganjam Dist. : 1 ex., Sabolia vill. ca 1 km. S of Rambha Rly Stn., 30. v. 1969 (coll. KNN), Puri Dist. : 1 ex., Rambha, 9. xi. 1971 (coll. DPS) : 2 ex., Rambha, 31. vi. 1969 (coll. KNN). Sambalpur Dist. : 1 ex., from the bank of Mahanadi, 28. ix. 1972 (coll. SK) : 1 ex., Sambalpur, 4. xi. 1972 (coll. JMJ), Sundargarh Dist. : 1 ex., Bonaigarh, 15. vi. 1972 (coll. DPS).

Measurements : Length : snout to vent 267 to 490 mm, tail 135 to 170 mm.

Distribution : Orissa : Barkul (Dr. N. Annandale) and the localities mentioned as above under Material. Elsewhere : India : Whole of India including Andaman Is. Also Sri Lanka, Southern China, Hainan, Vietnam, Cambodia.

Remarks : In India, it is common in the plains and rarer in the hills. It is diurnal in its habits and of gentle disposition, never attempting to bite when handled.

41. *Macropisthodon plumbicolor* (Cantor)

1839. *Tropidonotus plumbicolor* Cantor, *Proc. Zool. Soc.*, : 54

Material examined : Cuttack Dist. : 1 ex., Nandankanan, 5. iii. 1977 (Coll. LNA)

Measurements : Length : snout to vent 350 mm, tail 43 mm.

Distribution : Orissa : As mentioned above under material (first record from Orissa). Elsewhere : India : The whole of India except the Ganges valley and the extreme north-west. Sri Lanka.

Remarks : Body stout with head distinct from neck. Colour grass-green above and whitish below. A gentle and inoffensive snake.

42. *Lycodon aulicus* (Linnaeus)
(Oriya name : Boda, Jatia Sapa)

1754. *Coluber aulicus* Linn., *Mus. Adolph. Frider*, 1 : 29. pl. 12, fig. 2.

Material examined : Balasore Dist. : 1 ex., Scrogarh, ca 8 km. E. of Nilgiri, 27. xii. 1971 (coll. DPS). Boudhkhandmals Dist. : 2 ex., 3 km. N. of Kotagarh, 15-17. xii. 1973 (coll. DPS); Cuttack Dist. : 1 ex., Berbera, 23. vii. 1973 (coll. AKM); 1 ex., Nandankanan, 5. xi. 1977 (coll. LNA). Puri Dist. : 1 ex., Balugaon, 22. xii. 1960 (coll. BSL); 1 ex., Konarak, 11. xii. 1973 (coll. MH).

Measurements : Length : snout to vent 310 to 410 mm, tail to 78 mm.

Distribution : Orissa : Jeypore (R. Pattan), Aska (E. A. Minchin) and the localities mentioned above under Material Elsewhere : Throughout India. Also Nepal and Burma north to Lat. 17°N.

Remarks : The species is commonest and most widely distributed.

43. *Oligodon arnensis* (Shaw)

1802. *Coluber arnensis* Shaw, *Gen. Zool.*, 3, : 526.

Material examined : Cuttack Dist. : 2 ex., Nandankanan, 5. iii. 1977 (coll. LNA). Ganjam Dist. : 2 ex., Aska (coll. EAM).

Measurements : Length : snout to vent 325 mm, tail 51 mm.

Distribution : Orissa : As mentioned above under Material. (First record from Orissa). Elsewhere : Peninsular India. Also Bangladesh and Central Nepal, West to the Indus valley, Sri Lanka.

Remarks : This snake is mainly found in caves, crevices and tree-holes. Due to their banded pattern, they are often mistaken for kraits and killed.

44. *Boiga trigonata* (Schneider)

1802. *Coluber trigonatus* Schneider, in *Bechst. transl.*, 4 : 256.

Material examined : Puri Dist. : 1 ex., Nandankanan, 2. ii. 1974 (Coll. LNA).

Measurements : Total length 410 mm, tail 80 mm.

Distribution : Orissa : Localities as mentioned under Material. Elsewhere : Found throughout India.

Remarks : It is mainly nocturnal and arboreal in habits.

45. *Psammodynastes pulverulentus* (Boie)

1827. *Psammophis pulverulenta* Boie, *Isis* : 547.

Material examined : Mayurbhanj Dist. : 1 ex., Jenabil, Simlipal forest, 9. x. 1985 (coll. SS).

Measurements : Total length 275 mm., tail 60 mm.

Distribution : Orissa : Locality as mentioned under Material (First record from Orissa). Elsewhere : The whole of the Indo-chinese subregion extending from the eastern Himalayas, as far West as Nepal, to Southern China, Hainan and South to the Malay Archipelago.

Remarks : The colour is dark-brown above with small black streaks on the dorsal side of back and with pink shade all over the body.

46. *Dendrelaphis tristis* (Daudin)

1803. *Coluber tristis* Daudin, *Hist. Nat. Rept.*, 6 : 430.

Material examined : Balasore Dist. : 1 ex., Scrogarh, ca 8 km. E. of Nilgiri, 27. x. 1971 (coll. DPS). Cuttack Dist. : 1 ex., Nandankanan, 5. iii. 1977 (coll. LNA) Ganjam Dist. : 1 ex., Gopalpur. 13. xi. 1971 (coll. DPS).

Measurements : Length : snout to vent 450 to 585 mm, tail 255 to 290 mm.

Distribution : Orissa : Rambha, Barkuda Is. (Dr. N. Annandale) and the localities mentioned as above under Material. Elsewhere : India : Peninsular India as far as Darjeeling District in the north-east.

Remarks : Colour bronze-brown above and greenish below. A diurnal snake lives almost entirely on tree and shrubs.

47. *Dendrelaphis ahaetulla* (Linnaeus)

1758. *Coluber ahaetulla* Linn., *Syst. Nat.*, Ed. 10 : 225.

Material examined : Keonjhar dist. : 1 ex., Dhenkikote, 30. ix. 1985 (coll. SS), Puri Dist. : 1 ex., Barbera, 21. vii. 1973 (coll. An. KM); 1 ex., Nandankanan, 19. xii. 1985 (coll. SB).

Measurements : Total length 660 mm., tail 150 mm.

Distribution : Orissa : Localities as mentioned under Material. (First record from Orissa). Elsewhere : The whole of the Indo-chinese region, from West Bengal to eastern Himalayas. Also Southern China.

Remarks : It is mainly arboreal and mainly lives among bushes and on trees.

Family 14. HYDROPHIIDAE

48. *Enhydrina schistosa* (Daudin)

1803. *Hydrophis schistosus* Daudin, *Hist. Nat. Rept.*, 7 : 386. (based on Russell, 1801-1803, pl. 10).

Material examined : Ganjam Dist. : 2 ex., (JUV), Gopalpur coast, 27. xi. 1973 (coll. MH)

Measurements : From head to tail 350 to 400 mm.

Distribution : Orissa : Puri coast (Dr. Fayrer, J. T. Jenkins, G. Paiva) and the locality mentioned above under Material. Elsewhere : It is common on both coasts of the Indian peninsula. Also recorded from Persian Gulf to New Guinea.

Remarks : Colour pale greenish gray with blackish cross bands most distinct on posterior half of body and tending to fuse anteriorly. Belly whitish.

49. *Hydrophis fasciatus* (Schneider)

1799. *Hydrus fasciatus* Schneider, *Hist. Amph.*, 1 : 240.

Material : Balasore Dist. : 2 ex., Chandipur, 6. xi. 1962 (coll. GR). Ganjam Dist.: 3 ex., Gopalpur, 24. xi. 1977 (coll. MH).

Measurements : From head to tail 685 to 750 mm.

Distribution : Orissa : Puri (J. Fayrer, J. L. Hendley, F. W. Gravely & Dr. B. Prasad) and the locality mentioned as above under Material. Elsewhere : The coasts of India and Burma and the straits of Malacca. The snake is common on the eastern coast from Madras northwards to the Sunderbans.

Remarks : Colour dark olive with yellowish spots on the sides; whitish below.

50. *Hydrophis cyanocinctus* Daudin

1803. *Hydrophis cyanocinctus* Daudin, *Hist. Nat. Rept.*, 7 : 383

Material : Ganjam Dist. : 1 ex., Backwater area. Gopalpur 15. xi. 1971 (coll. DPS) Puri Dist. : 1 ex., 1 km. south of Swargadwara, Puri, 17. xi. 1962 (coll. GR)

Measurements : From snout to tail 715 to 750 mm.

Distribution : Orissa : Gopalpur (P. C. Sinha, 1923) and the localities mentioned as above under Material. Elsewhere : A wide-ranging species, the annualated seasnake is found from the Persian Gulf to the Idzu sea of Japan, southward to Sri Lanka and the islands of Indonesia.

Remarks : Head moderately small and slightly distinct from neck. Body more or less cylindrical anteriorly and compressed in the posterior three fifths.

51. *Hydrophis stricticollis* Gunther

1864. *Hydrophis stricticollis* Gunther, *Rept. Brit. Ind.* : 376.

Material examined : Puri Dist. : 1 ex., Gopalpur, 24. xi. 1977 (coll. MH).

Measurements : Total length 850 mm., tail 75 mm.

Distribution : Orissa : Locality mentioned as above under Material. Elsewhere : The east coast of India and the coast of Burma.

Remarks : Colour greyish above and yellowish below.

52. *Kerilia jerdoni* Gray

1849. *Kerilia jerdoni* Gray, *Cat. Sn. Brit. Mus.* : 57

Material examined : Ganjam Dist. : 1 ex., Gopalpur, 28. xi. 1962 (coll. GR).

Measurements : From snout to tail 425 mm.

Distribution : Orissa : The locality mentioned as above under Material. Elsewhere. The east coast of the Indian Peninsula, Sri Lanka.

Remarks : Olive and yellowish beneath.

53. *Microcephalophis cantoris* (Gunther)

1864. *Hydrophis cantoris* Gunther, *Rept. Brit. Ind.* : 374.

Material examined : Ganjam Dist. : 1 ex., Gopalpur, 15. xi. 1971 (coll. DPS).

Measurements : From snout to tail 780 mm.

Distribution : Orissa : Puri (J. L. Hendley) and the locality mentioned as above under Material. Elsewhere : This species has been recorded on the west coast of India and Pakistan from Karachi to Cannanore and on the east from Orissa to Chittagong.

Remarks : Anterior half of body olive above, paler below, posterior half of body dark olive above.

Family 15. ELAPIDAE

54. *Bungarus caeruleus* (Schneider) (Oriya name : Chitti Sapa)

1801. *Pseudoboa caerulea* Schneider, *Hist. Amph.* 2 : 284.

Material examined : Mayurbhanj Dist. : 1 ex., Mayurbhanj forest rest house, Mayurbhanj, 18. i. 1971 (coll. An. KM.)

Measurements : Length : snout to vent. 450 mm, tail 55 mm.

Distribution : Orissa : Aska (E. A. Minchin) and the locality mentioned as above under Material. Elsewhere. This species occurs from western Bengal through Peninsular Indian and Sri Lanka. The species is common in many parts of India.

Remarks : Colour bluish-black above with narrow white cross-bars usually arranged in pairs. Ventral surface uniform white.

55. *Bungarus fasciatus* (Schneider) (Oriya name : Raona Sapa)

1801. *Pseudoboa fasciata* Schneider, *Hist. Amph.*, 2 : 283.

Material examined : Sambalpur Dist. : 1 ex., Dcogarh, 10. vi. 1972. (coll. DPS).

Measurements : Length : Snout to vent 775 mm, tail 60 mm.

Distribution : Orissa : Aska, Berhampur (F. Wall) and the localities mentioned as above under Material. Elsewhere. India : West Bengal, Bihar, Andhra Pradesh, Uttar Pradesh, Madhya Pradesh. The species is also recorded from the Burma, whole of Indo-chinese subregion, the Malay peninsula and Archipelago, Southern China.

Remarks : Alternately banded with black and yellow. Whitish below.

56. *Naja naja naja* (Linnaeus) (Oriya name : Tampa Sapa)

1758. *Coluber naja* Linn. *Syst. Nat.*, 10th ed. : 221.

Material examined : Balasore Dist. : 2 ex., Chandpali, 25. vii. 1973 (coll. MH) Cuttack Dist. : 3 ex., Nandankanan, 3. xi. 1971 (coll. DPS); 1 ex., Nandankanan, 18. ix. 1973 (coll. SB).

Measurements : Length : snout to vent 270 mm to 1045 mm, tail 50 to 185 mm.

Distribution : Orissa : Jeypore (R. Patton), Aska (E. A. Minchin) and the localities mentioned as above under Material. Elsewhere : West Bengal, Bihar, Uttar Pradesh and Peninsular India.

Remarks : It is brownish above in colour.

Family 16. VIPERIDAE

57. *Vipera russelli* (Shaw)

(Oriya name : Chandra Bora, Chandramuthia Boda Sapa)

1797. *Celuber resseli* Shaw, *Nat. Misc.*, 8, pl. 291 (based on Russell's figure).

Material examined : Cuttack Dist : 1 ex. near the bank of Mahanadi, Kujang, 16. i. 1974 (coll. RLC)

Measurements : Length : Snout to vent 140 mm, tail 33 mm

Distribution : Orissa : Barkuda Is. Chilka Lake (F. H. Gravely) and the locality mentioned as above under Material. Elsewhere India : Occurs throughout India.

Remarks : Head distinctly wider than neck. Light brown above, with series of large rounded spots brown in the centre with a black margin edged with white.

SUMMARY

This paper deals with the reptile fauna of Orissa. It is based on several collections made by parties of the Zoological Survey of India with altogether 1025 specimens. This collection contains 57 species belonging to 42 genera and 16 families. Of these 11 species are new records from Orissa. A list of reptiles known to occur from Orissa is given.

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