

A HAND-LIST OF THE SNAKES OF THE INDIAN EMPIRE.

By

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COLONEL, I.M.S.

(Continued from page 632 of this Volume.)

PART III.

Family.—COLUBRIDÆ—(Continued.)

Subfamily.—COLUBRINÆ.

- 205 (368) **Liopeltis scriptus** (Theobald.) *Theobald's Smooth Snake*.
Ablabes scriptus. Boulenger, *Cat. Vol II*, 1894, p 284 ; Sclater *List Sn. Ind. Mus.*, 1891, p 18.
Type.—In the Indian Museum from Martaban.
Length.—451 mm. (1 foot, $5\frac{5}{8}$ inches). Tail, 145 mm. ($5\frac{3}{4}$ inches).
Lepid.—Costals. In 13 rows in the whole body length. Ventrals. 146. Anal. Divided. Subcaudals. 88.
Distn.—Burma. Martaban.
Note.—Malcolm-Smith's authority for the Malay Peninsula. North of Kra, is not known to me.
206. (Nil.) **Liopeltis stoliczkæ** (Sclater.) *Stolizcka's Smooth Snake*.
Ablabes stoliczkæ Boulenger, *Cat. Vol II*, 1894, p 281 ; Sclater, *List Sn. Ind. Mus.* 1891, p 18 ; Wall, *Bomb. N. H. J. Vol XIX*, p 350.
Lepid.—Ventrals. 148 to 154.
Distn.—Eastern Himalayas. Sikkim. (Darjeeling Dist. F. W. Mungpoo. Bombay colln.) Assam. Naga Hills. (Samaguting. Ind. Mus.) Burma, Karen Hills (Bia-po.)
207. (370) **Liopeltis doriae** (Boulenger.) *Doria's Smooth Snake*.
Ablabes doriae Boulenger, *Cat. Vol II*, 1894, p 279 ; Sclater, *List Sn. Ind. Mus.* 1891, p 18.
Lepid.—Ventrals. 160 ? to 187. Subcaudals. 74 to 80.
Distn.—Assam. (Boulenger.) Burma. Kachin Hills. Manipur. (Ind. Mus.) China. Yangtse Valley (F. W.).
208. (369) **Liopeltis frenatus** (Günther.) *Jerdon's Smooth Snake*.
Ablabes frenatus Annandale, *Rec. Ind. Mus.* 1912, pp 37, 47 and 53 ; Boulenger, *Cat. Vol II*, 1894, p 280 ; Sclater, *List Sn. Ind. Mus.* 1891, p 18 ; Wall, *Bomb. N. H. J. Vol XVIII*, p 328.
Lepid.—Subcaudals. 87 to 97.
Distn.—Assam. Abor Hills. Khasi Hills. Burma. Mansi. (Lat. $24^{\circ}7'$. Long. $95^{\circ}7'$. Bombay colln.)
Note.—Boulenger has already questioned the authenticity of the localities of specimens labelled Afghanistan and Mesopotamia in the British Museum. Murray refers to a specimen from Sind. (Vert. Zool. Sind. 1884, p 376.) The specimen was not in the Quetta

Museum when I examined the collection nor in the Karachi Museum. This collection includes snakes from many parts of India, such as *Plectrurus perroteti*, *Silybura ocellata*, *Cylindrophis rufus*, etc. Sind is to be discredited. I have seen one specimen in the Indian Museum from Assam, and acquired six, three from Shillong, and three from Cherrapunji.

209. (367) **Liopeltis calamaria** (Günther.) *Günther's Smooth Snake.*

Ablabes calamaria. Boulenger, *Cat. Vol II*, 1894, p 282 ; Sclater, *List. Sn. Ind. Mus.* 1891, p 18; Ferguson, *Bomb. N. H. J. Vol XIV*, p 386 ; Pearless, *Spol. Zeylan.* 1909, p 54 ; Sarasin, *Zool. Jahr. Jena.* 1910, p 128 ; Wall, *Bomb. N. H. J. Vol XXVI*, p 569; Willey, *Spol. Zeylan.* 1906, p 233.

Liopeltis calamaria. Wall, *Oph. Tap.* 1921, p 251.

Lepid.—Ventrals. 126 to 163. Subcaudals. 53 to 76.

Distn.—*Eastern Himalayas.* Buxa Dooars. (Bombay colln.). *Western Himalayas.* Songara, Gonda Dist. Kurkhana, Pilibhit Dist. Melanghat, Almora Dist. (Ind. Mus.) *Hills of Peninsular India.* Surguja, Chota Nagpur Dist. (Ind. Mus.) *Western Ghats.* (Mahableshwar, Bombay colln. Mysore Plateau. F. W. Tinnevely. Ind. Mus.) *Ceylon.*

210. (371) **Liopeltis rappi** (Günther.) *Rapp's Smooth Snake.*

Ablabes rappi. Boulenger, *Cat. Vol II*, 1894, p 282 ; Sclater, *List. S. Ind. Mus.* 1891, p 19; Sarasin, *Zool. Jahr. Jena.* 1910, p 146 ; Wall, *Bomb. N. H. J. Vol XIX*, p 351.

Lepid.—Subcaudals. 60 to 76.

Distn.—*Western Himalayas.* Simla. (Ind. Mus.) *Eastern Himalayas.* Nepal to Sikkim.

211. (Nil.) **Liopeltis hamptoni** (Boulenger.) *Hampton's Smooth Snake.*

Ablabes hamptoni. Boulenger, *Bomb. N. H. J. Vol XIII*, p 553.

Type.—From Mogok, in the British Museum.

Length.—1,050 mm. (3 feet, 5 $\frac{3}{4}$ inches). Tail, 220 mm. (8 $\frac{3}{4}$ inches).

Lepid.—Costals. In 15 rows at midbody. Ventrals. 194. Anal. Entire. Subcaudals. 76.

Distn.—*Burma.* Mogok, Ruby Mines.

212. (372) **Liopeltis nicobariensis** (Stoliczka.) *The Nicobar Smooth Snake*

Ablabes nicobariensis. Annandale, *J. A. S., Beng.*, 1905, p 175; Boulenger, *Cat. Vol II*, 1894, p 285 ; Sclater, *List. Sn. Ind. Mus.* 1891, p 19.

Type.—In the Indian Museum from Camorta.

Lepid.—Ventrals. 188 on right side, 186 on left. Subcaudals. 86.

Distn.—*Nicobar Islands.* Camorta. (No 7201. Ind. Mus.)

Genus.—*CALAMARIA* Boie.

213. (332) **Calamaria pavementata** Dumeril and Bibron. *Dumeril's Snake.*

Boulenger, Cat. Vol II, 1894, p 348; Prater, *Bomb. N. H. J. Vol XXVI*, p 684 ; Wall, *Bomb. N. H. J. Vol XXVI*, p 866.

Lepid.—Ventrals. 140 to 200.

Distn.—*Assam.* Garo Hills. (Tura. Bombay colln.) *Burma.* Chin-Hills. Pegu. (? Hills.) *Siam.* Indo-China. Lao Hills. *China.* Canton. Yangtse Valley. *Malay Peninsula.* Penang Hill. Pahang. Perak. Prov. Wellesley. *Malay Archipelago.* Java.

Series.—OPISTHOGLYPHA.

Sub-family.—HOMALOPSINÆ.

Genus—HYPsirrhina Wagler.

214. (466) **Hypsirrhina plumbea** (Boie.) *Boie's Water Snake*.
Hypsirrhina plumbea. Boulenger, *Cat. Vol III*, 1896, p 5; Sclater, *List. Sn. Ind. Mus.* 1891, p 54.
Lepid.—Ventrals. 117 to 139.
Distn.—Burma. Mandalay. (Stoliczka.) Pyawbwe and Rangoon (Bombay colln.) Thayetmyo. (Theobald.) Meiktila. (F. W.) Siam. Patani. Pachebone. Indo-China. China. Southern Provinces and Coastal Islands. Formosa. Malay Peninsula. Penang. Takhamen. Malay Archipelago. Java. Borneo. Celebes.
215. (467) **Hypsirrhina enhydris** (Schneider.) *Schneider's Water Snake*.
Helicops indicus. Annandale, *J. A. S., Beng.*, 1905, p 211.
Hypsirrhina enhydris. Boulenger, *Cat. Vol III*, 1896, p 6; D'Abreu, *Bomb. N. H. J. Vol XXII*, p 203; Sarasin, *Zool. Jahr. Jena.* 1910, p 131; Sclater, *List. Sn. Ind. Mus.* 1891, p 54; Wall and Evans, *Bomb. N. H. J. Vol XIII*, pp 348 and 616; Wall, *Bomb. N. H. J. Vol XIX*, p 831; *l. c. Vol XXI*, p 1017.
Length.—972 mm. (3 feet, 2½ inches). (Captain Frere in a private letter, dated July 1911. Locality, Minbu. Burma.)
Distn.—Peninsular India. North-East litoral, North of the Godavery River. Anakapalle, Vizagapatam. (Russell.) Orissa. Berhampore. (F. W.) Puri. Kendrapara. (Ind. Mus.) Bengal. Manbhum, Calcutta, and Sunderbunds. (Ind. Mus.) Burdwan. (D'Abreu in private letter.) Behar. Darbhanga. Siripur. (Ind. Mus.). Gonda, Oudh. (Bombay colln.) Patna. (D'Abreu in private letter.) Jalpaiguri. (F. W.) Assam. Goalpara and Cachar. (Ind. Mus.) Dibrugarh. (F. W.) Burma. From Mandalay (Ind. Mus.) in the North, to Tavoy (Ind. Mus.) in the South. Siam. Bangkok. (Bombay colln.) Patani. Cochinchina. China. Southern Provinces and Coastal Islands. Malay Peninsula. Kedah. Penang. Singapore. Malay Archipelago Borneo.
Note.—Both Flower and Boulenger mention Ceylon within its habitat but I can find no authority for this. Possibly it has been confused with *Helicops schistosus*, a mistake I have discovered in examining various collections.
216. (468) **Hypsirrhina blanfordi** Boulenger. *Blanford's Water Snake*.
Boulenger, Cat. Vol III, 1896, p 10; Sclater, *List. Sn. Ind. Mus.* 1891, p 55.
Type.—In the Indian Museum. Locality dubious.
Lepid.—Ventrals. 122 to 125. Subcaudals. 33 to 45.
Distn.—Burma. Pegu. (Blanford.) Bassein? (Sclater.)
217. (469) **Hypsirrhina sieboldi** (Schlegel). *Siebold's Water Snake*.
"New Homalopsid." Dreckman, *Bomb. N. H. J. Vol I*, p 24.
Ferania sieboldi. Murray, *Bomb. N. H. J. Vol I*, p 219.
Hypsirrhina sieboldi. Boulenger, *Cat. Vol III*, 1896, p 11; Sarasin, *Zool. Jahr. Jena.* 1910, p 144; Wall, *Bomb. N. H. J. Vol XI*, p 732; *l. c. Vol XVIII*, pp 118 and 920.
Length.—775 mm. (2 feet, 6½ inches).

Lepid.—Costals. In 27 to 33 rows. Ventrals. 143 to 158. Subcaudals. 43 to 56.

Distn.—*Peninsular India. Malabar Coast. Travancore.* (F. W.) Bombay. (Brit. Mus.) *Ganges River System. Delhi.* (F. W.) Agra. (Ind. Mus.). Saugor. (Bombay colln.) Fyzabad. (F. W.) Champaran. (F. W.) Patna. (D'Abreu in private letter.) Monghyr. Purneah. (Ind. Mus.) Pusa. (Bombay colln.). *Brahmaputra River. Samaguting.* (Ind. Mus.) Mymensingh. (Bombay colln.). *Rangoon River. Pegu.* (Ind. Mus.)

Note.—I discredit Penang on Cantor's authority for reasons cited in the note to *Typhlops bothriorhynchus*.

Genus.—*HOMALOPSIS* Kuhl.

218. (464) **Homalopsis buccata** (Linné.) *Linné's Water Snake.*

Boulenger, Cat. Vol III, 1896, p 14; Slater, List Sn. Ind. Mus. 1891, p 53.

Wall and Evans, Bomb. N. H. J. Vol XIII, pp 349 and 616; Wall, Bomb. N. H. J. Vol XVI, p 388.

Length.—1,310 mm. (4 feet, 3½ inches).

Lepid.—Ventrals. 157 to 173. Subcaudals. 65 to 106.

Distn.—*Burma. Lower reaches of the Bassein, Rangoon and Moulmein Rivers, and adjacent tanks. Siam. Indo-China. Malay Peninsula. Malay Archipelago. Sumatra. Java. Borneo.*

Genus.—*HURRIA* Daudin.

1799 Hydrus. *Schneider, part. Hist. Amph. I, p 246 [type. H. platurus (Linné)].*

1801 Elaps. *Schneider, part. Hist. Amph. II, p 301 [type E. marcgravi (Wied)].*

1803 Hurria. *Daudin, Hist. Nat. Rept. V, p 281 [type H. bilineata = H. rhynchops (Schneider)].*

1803 Coluber. (non Linné, 1766.) *Daudin, Hist. Nat. Rept. VII, p 167.*

1820 Python. (non Daudin, 1803.) *Merrem, Tent. Syst. Amph., p 89.*

1826 Homalopsis. (non Kuhl, 1822) *Fitzinger, N. Class Rept., p 55.*

1829 Cerberus. *Cuvier, Regne. Anim. II, p 81 [type Coluber cerberus = H. rhynchops (Schneider)].*

219. (465) **Hurria rhynchops** (Schneider.) *The Dog-faced Water Snake.*

Cerberus boeformis. Blyth, And. Islanders, pp 365 and 366.

Cerberus rhynchops. Alcock and Rogers, Proc. Roy. Soc., 1902, p 449; Annandale, J. A. S. 1905, p 176; Mem. Ind. Mus. 1915, p 170; Boulenger, Cat. Vol III, 1896, p 16; Ferguson, Bomb. N. H. J. Vol X, p 74; "Keswal," Bomb. N. H. J. Vol I, p 173; Slater, List. Sn. Ind. Mus. 1891, p 54; Sarasin, Zool. Jahr. Jena. 1910, p 131; Wall and Evans, Bomb. N. H. J. Vol XIII, pp. 345 and 612; Wall, Bomb. N. H. J. Vol XVI, p 307; l.c. 1919, p 89.

Hurria rhynchops. Wall, Oph. Tap. 1921, p 257.

Length.—991 mm. (3 feet, 3 inches).

Lepid.—Ventrals. 122 to 160.

Distn.—Coasts and tidal Rivers from Bombay to Indo-China. *Ceylon. Andamans. Nicobars. Malay Archipelago. Sumatra to Celebes. Philippines. Formosa.*

Note.—One was brought to me in Bangalore on the 22nd of July 1920 by a snakeman, who tried to convince me he had procured it locally. He eventually confessed that he had captured it on the West Coast. "Nilgiris" as the locality of a specimen in the British Museum

presented by Mr. Theobald may be similarly explained. In every case where a snake has been acquired through snakemen the fact should be recorded.

Genus—GERARDIA Gray.

220. (471) **Gerardia prevostiana** (Eydoux and Gervais.) *Gerard's Water Snake*, Boulenger, *Cat. Vol III*, 1896, p 20; Phipson, *Bomb. N. H. J. Vol IX*, p 486; Wall and Evans, *Bomb. N. H. J. Vol XIII*, p 616; Wall, *Bomb. N. H. J. Vol XVI*, p 307; *Oph. Tap.* 1921, p 262.
Lepid.—Ventrals. 145 to 156. Subcaudals. 29 to 36.
Distn.—*Coasts and Rivers of India*. Alibag. (Bombay colln.) Bandora. (Brit. Mus.) Cannanore. (F. W.) Burma. Rangoon. (F. W.) Pegu. (Brit. Mus.) Amherst. (Ind. Mus.) Ceylon. Kelani River.
Note.—The Ceylon record, though disputed, is on the authority of Ferguson, a thoroughly reliable observer. Further I found a specimen labelled Kelani River in the Colombo Museum obviously the one referred to by that authority.

Genus.—FORDONIA Gray.

221. (470) **Fordonia leucobalia** (Schlegel.) *Fordon's Water Snake*.
Annandale, *J. A. S., Beng.*, 1905, p 176; Boulenger, *Cat. Vol III*, 1896, p 21; Sclater, *List. Sn. Ind. Mus.* 1891, p 55; Wall and Evans, *Bomb. N. H. J. Vol XIII*, p 347.
Distn.—*Rivers and Coasts from the Sunderbunds to Cochin-China*. Bengal. Sunderbunds. (Ind. Mus.) Burma. Rangoon. (Theobald.) Watya. (Wall and Evans.) Moulmein. (Bombay colln.) Nicobars, Cochin-China. Malay Peninsula. Singapore. Penang. Malay Archipelago. Java. Borneo. Ceram. New Guinea. North Australia.

Genus.—CANTORIA Girard.

222. (472) **Cantoria violacea** Girard. *Cantor's Water Snake*.
Boulenger, *Cat. Vol III*, 1896, p 23; Sclater, *List. Sn. Ind. Mus.* 1891, p 55; Wall and Evans, *Bomb. N. H. J. Vol XIII*, p 611; Wall, *Bomb. N. H. J. Vol XXIII*, p 126.
Length.—1,220 mm. (4 feet).
Lepid.—Ventrals. 241 to 284. Subcaudals. 52 to 69.
Distn.—*Rivers of Burma*. Irrawadi. (Wakema.) Moulmein. Amherst. Andamans (F. W.) Malay Peninsula. Singapore. Malay Archipelago. Borneo.

Genus.—HIPISTES Gray.

223. (473) **Hipistes hydrinus** (Cantor.) *Gray's Water Snake*.
Boulenger, *Cat. Vol III*, 1896, p 24; Sclater, *List. Sn. Ind. Mus.* 1891, p 56; Wall and Evans, *Bomb. N. H. J. Vol XIII*, pp 347 and 616.
Lepid.—Ventrals. 153 to 172. Subcaudals. 21 to 35.
Distn.—*Coasts and tidal rivers of Burma*. Rangoon River. (Watiya. Rangoon. Pegu.) Thaton. Moulmein. Amherst. Mergui. Malay Peninsula. Selangor, Penang. Kedah. Singapore. Siam. Bangkok.

Genus.—TARBOPHIS Fleischmann.

224. (Nil) **Tarl ophis rhinopoma** (Blanford.) *Blanford's Cat Snake*.
Dipsas rhinopoma. Blanford, *Ann. and Mag. N. H.* (4) XIV, 1874, p 34; Sclater, *List. Sn. Ind. Mus.* 1891, p 48.
Dipsadomorphus jollyi. Wall, *Bomb. N. H. J. Vol XXIII*, p 167.

Tarbophis rhinopoma. Boulenger, *Bomb. N. H. J. Vol IX*, p 325 ;
Cat. Vol III, 1896, p 50.

Type.—From Karman. In the Indian Museum.

Lepid.—Costals. In 21 to 25 rows to behind midbody, reducing to 17 before the vent. Ventrals. 247 to 280. Anal. Entire. Subcaudals. 76 to 99.

Distn.—*Sind. Baluchistan*. Kacha Thana. Miranshah, Tochi Valley. *Persia*.

DIPSADOMORPHUS Fitzinger.

1827 *Dipsas*. (non *Laurenti*, 1768.) *Boie, part Isis*, p 548.

1843 *Dipsadomorphus*. Fitzinger, *Syst. Rept.*, p 27 [*type D trigonatus* (*Schneider*)].

225. (448) ***Dipsadomorphus multimaculatus*** (Boie.) *The Argus Cat Snake*.

Dipsas multimaculatus. Boulenger, *Faun. Brit. Ind. Rept.*, 1890, p 360 ; *Sclater, List. Sn. Ind. Mus.*, 1891, p 46.

Dipsadomorphus multimaculatus. Annandale, *J. A. S., Beng.*, 1904, p 210 ; Boulenger, *Cat. Vol III*, 1896, p 63 ; Wall and Evans, *Bomb. N. H. J. Vol XIII*, pp 346 and 615 ; Wall, *Bomb. N. H. J. Vol XIII*, p 534 ; l. c. *Vol XXV*, p 525.

Length.—997 mm. (3 feet, 3½ inches).

Lepid.—Costals. In 19 rows to behind midbody, 15 two heads-lengths before the vent. Ventrals. 202 to 245. Subcaudals. 80 to 111.

Distn.—*Eastern Bengal*. Chittagong. (F. W.) *Burma*. As far North as Mandalay. (Bombay colln.), and South to Moulmein. *Shan States*. *Siam*. Pachebon. Pitsanuloke. Sanam Cheng. Bangkok. *Indo-China*. *China*. Southern Provinces and Coastal Islands. Fumun. Canton. Hongkong. *Malay Peninsula* ? Penang. (Cantor.) *Malay Archipelago*. Sumatra. Java. Celebes.

Note.—I attach a query to the Malay Peninsula for reasons cited in the note to *Natrix parallelus*. Cantor appears to be the only authority for this locality.

226. (445) ***Dipsadomorphus barnesi*** (Günther.) *Barnes's Cat Snake*.

Dipsas barnesi. Abercromby, *Sn. of Ceylon*, 1910, pp 47 and 78 ; *Spol. Zeylan*. 1911, p 206 ; Boulenger, *Faun. Brit. Ind. Rept.* 1890, p 359 ; Willey, *Spol. Zeylan*. 1903, p 81 ; l. c. 1906, p 233.

Dipsadomorphus barnesi. Boulenger, *Cat. Vol III*, 1896, p 73 ; *Sarasin, Zool. Jahr. Jena*. 1910, p 127 ; Wall, *Oph. Tap.* 1921, p 283.

Lepid.—Costals. In 19 rows to behind midbody, reducing to 15 two heads-lengths before the vent. Ventrals. 208 to 220. Subcaudals. 99.

Distn.—*Ceylon*. Gangaruwa.

Note.—I have examined the type, and the only other known specimen in the Colombo Museum.

227. (Nil.) ***Dipsadomorphus quincunciatus*** Wall. *Wall's Cat Snake*.

Wall, *Bomb. N. H. J. Vol XVIII*, p 272 ; l. c. *Vol XIX*, p 833.

Type.—In the British Museum from Tinsukia near Dibrugarh, Assam.

Length.—1,055 mm. (3 feet, 5½ inches).

Lepid.—Costals. In 19 rows to behind midbody, 15 two heads-lengths before the vent. Ventrals. 237 to 242. Anal. Divided. Subcaudals. 118.

Distn.—Assam. Tinsukia and Rangagara, both near Dibrugarh.

Notes.—I have seen two examples the only ones known.

228. (446) **Dipsadomorphus ceylonensis** Günther. *Günther's Cat Snake.*

Dipsas ceylonensis, Abercromby, *Sn. of Ceylon*, 1901, pp 49 and 77; *Spol. Zeylan.* 1911, pp 205 and 207; *Ferguson, Bomb. N. H. J. Vol X*, p 73; *Pearless, Spol. Zeylan.* 1909, p 54; *Willey, Spol. Zeylan.* 1903, p 82.

Dipsadomorphus ceylonensis. *Boulenger, Cat. Vol III*, 1896, p 66 (part.); *Wall, Rec. Ind. Mus.* 1909, p 152; *Bomb. N. H. J. Vol XXVI*, p 570; *Oph. Tap.* 1921, p 278.

Length.—1,283 mm. (4 feet, 2½ inches).

Lepid.—Costals. In 19 rows to behind midbody, 13 or 15 two heads-lengths before vent. Ventrals. 214 to 235. Subcaudals. 91 to 111.

Distn.—Western Ghats. From Matheran to Travancore. *Ceylon. Hills of Central and Sabaragamuwa Provinces.*

Note.—Has been confused with *beddomei*, *nuchalis*, and *andamanensis*. I have examined 82 examples. Annandale (*Rec. Ind. Mus.* 1909, p 281) contests my view that these four "forms" are entitled to rank as species, and I expect many others to accept his view in opposition to mine, which I adhere to. In the circumstances it is open to those who agree with Annandale to relegate *beddomei*, *nuchalis*, and *andamanensis* to the rank of varieties of *ceylonensis*.

229. (446) **Dipsadomorphus beddomei** Wall. *Beddome's Cat Snake.*

Dipsas ceylonensis. *Abercromby, Spol. Zeylan.* 1911, pp 205 and 207, *Boulenger, Faun. Brit. Ind. Rept.* 1890; p 359 (part); *Ferguson, Bomb. N. H. J. Vol X*, 1895, p 73; *Willey, Spol. Zeylan.* 1903 p 82.

Dipsadomorphus ceylonensis. *Boulenger, Cat. Vol III*, 1896, p 66 (part); *Wall, Rec. Ind. Mus.* 1909, p 152.

Dipsadomorphus beddomei. *Wall, Spol. Zeylan.* 1921, p 406; *Oph. Tap.* 1921, p 282.

Length.—1,232 mm. (4 feet and ½ an inch).

Lepid.—Costals. In 19 rows to behind midbody, 15 or 13 two heads-lengths before the vent. Ventrals. 248 to 266. Subcaudals. 111 to 129.

Distn.—Western Ghats. Matheran to Travancore. *Ganjam Dist.* (Berhampore close to Hills.) *Ceylon. C. Prov. (Kandy. Peradeniya.) N. Prov. (Mullaitivu).*

Note.—I have examined 13 specimens.

230. (449) **Dipsadomorphus hexagonotus** (Stoliczka) (non Blyth) *The Tawny Cat Snake.*

Dipsas hexagonotus. *Anderson, P. Z. S.* 1871, p 185 (part); *Boulenger, Faun. Ind. Rept.* 1890, p 361 (part); *Stoliczka, J. A. S., Beng.*, 1870, p 198 (part); *Wall and Evans, Bomb. N. H. J. Vol XIII*, pp 346 and 615.

Dipsadomorphus hexagonotus. *Boulenger, Cat. Vol III*, 1896, p 65 (part); *Venning, Bomb. N. H. J. Vol XX*, p 342; *Wall, Rec. Ind. Mus.* 1909, p 154.

Length.—1,016 mm. (3 feet, 4 inches).

Lepid.—Costals. In 19 rows to behind midbody, 15 two heads-lengths before vent. Ventrals. 221 to 246. Subcaudals. 89 to 107.

Distn.—Burma. From Bhamo in the North to Tenasserim (Kawkareit) in the South. Chin Hills. (Haka.) S. Shan States. (Taunggyi.) *Andamans.*

Note.—This is not the snake described by Blyth as *hexagonotus*. (J. A. S., Beng., 1856, p 360.) His type specimen (No 8048 in the Indian Museum) is a young *D. cyaneus* (Dumeril and Bibron). It is probable that the specimens reported from Siam, Cochin-China and the Andamans are *hexagonotus*, but precise details regarding the lepidosis are wanting. I have examined 22 examples.

231. (444) **Dipsadomorphus trigonatus** (Schneider.) *The Common Cat Snake or Gamma Snake.*

Dipsas gokool. Phipson, *Bomb. N. H. J. Vol II*, p 247; Traill, *Bomb. N. H. J. Vol IX*, p 499.

Dipsas trigonatus. Boulenger, *Faun. Brit. Ind. Rept.* 1890, p 360; Ferguson, *Bomb. N. H. J. Vol X*, p 73; Sclater, *List. Sn. Ind. Mus.* 1891, p 45; Wall, *Bomb. N. H. J. Vol XVI*, p 307.

Dipsadomorphus trigonatus. Annandale, *J. A. S., Beng.*, 1904, p 209; Boulenger, *Cat Vol III*, 1896, p 63; Mullan, *Bomb. N. H. J. Vol XVIII*, p 919; Nurse, *Bomb. N. H. J. Vol XIII*, p 340; Sarasin, *Zool. Jahr. Jena.* 1910, p 144; Wall, *Bomb. N. H. J. Vol XV*, p 524; *l. c. Vol XVIII*, pp 120 and 543; *l. c. Vol XIX*, pp 267a and 352; *l. c. Vol XX*, pp 864 and 1038; *l. c. Vol XXVI*, p 569; *Oph. Tap.* 1921, p 269.

Length.—940 mm. (3 feet, 1 inch).

Lepid.—Costals. 21 to behind midbody, 15 two heads-lengths before vent. Ventrals. 206 to 256. Subcaudals. 75 to 96.

Distn.—*Peninsular India*. To the Himalayas. *Punjab. Sind. Baluchistan. Transcaspia. N. W. Frontier. Western Himalayas. Subathu. (Ind. Mus.) Almora. (F. W.) Eastern Himalayas. Sikkim. (F. W.) Bengal. As far East as Calcutta. Ceylon. Uva Prov. (Haldamulle. F. W.)*

Note.—The snakes referred to by Anderson (J. A. S., Beng., Vol XL, p 35) from Assam and Naga Hills are probably *D. gokool*, a species with which *D. trigonatus* was frequently confused by early herpetologists.

232. (447) **Dipsadomorphus gokool** (Gray.) *Gray's Cat Snake.*

Dipsas gokool. Boulenger, *Faun. Brit. Ind. Rept.* 1890, p 360; Sclater, *List. Sn. Ind. Mus.* 1891, p 46.

Dipsadomorphus gokool. Annandale, *Rec. Ind. Mus.* 1912, pp 37 and 49; Boulenger, *Cat. Vol III*, 1896, p 64; Wall, *Bomb. N. H. J. Vol XIX*, p 831.

Length.—870 mm. (2 feet, 10¼ inches).

Lepid.—Costals. 21 to behind midbody, 17 or 15 two heads-lengths before the vent. Ventrals. 224 to 232. Subcaudals. 87 to 101.

Distn.—*Bengal. Jessore. Jalpaiguri. (Ind. Mus.) Darjeeling Dist. (F. W.). Assam. Sadiya. Sonapur. Sibsagar. (Ind. Mus.) Dibrugarh. Dejoo. (F. W.) Cachar (Monacherra. Bombay colln.) Garo Hills. (Tura. Bombay colln.) Khasi Hills. (Shillong. F. W.) Naga Hills. (Samaguting. Ind. Mus.). Burma. Manipur (F. W.).*

Note.—Malay Peninsula I discredit for reasons cited in the note to *Typhlops bothriorhynchus*.

233. (Nil.) **Dipsadomorphus multifasciatus** Blyth. *The Himalayan Cat Snake.*

Dipsas multifasciatus. Sclater, *List. Sn. Ind. Mus.* 1891, p 46.

Dipsadomorphus multifasciatus. Boulenger, *Cat. Vol III*, 1896, p 69; Wall, *Rec. Ind. Mus.* 1907, p 157; *Bomb. N. H. J. Vol XIX*, p 352; *l. c. Vol XXVI*, p 866.

Length.—1,157 mm. (3 feet, 9½ inches).

Lepid.—Costals. In 21 rows to behind midbody, 15 two heads-lengths before the vent. Ventrals. 223 to 251. Subcaudals. 96 to 116.

Distn.—*Himalayas*. W. *Himalayas*. Subathu. Mussooree. Naini Tal. (Ind. Mus.) Naini Tal. Muktesar. (F. W.) E. *Himalayas*. Nepal. (Chitlong. Ind. Mus.) Darjeeling Dist. (Ind. Mus.) Pashok. Tindharia. Mungpoo. (F. W.)

Note.—I have seen over 20 specimens, and though uncommon, it appears to be about as numerous in the Western Himalayas as in the Eastern part of that Range, up to 7,000 feet.

234. (449) **Dipsadomorphus stoliczkæ** Wall. *Stoliczka's Cat Snake*.

Dipsas hexagonotus. Boulenger, *Faun. Brit. Ind. Rept.* 1890, p 65 (part); Slater, *List. Sn. Ind. Mus.* 1891, p 47 (part, No 7932).

Dipsadomorphus hexagonotus. Annandale, *Rec. Ind. Mus.* 1909, p 281; Boulenger, *Cat. Vol III*, 1896, p 65 (part); *Rec. Ind. Mus.* 1913, p 338; Wall, *Bomb. N. H. J. Vol XIX*, pp 352 and 758; *Rec. Ind. Mus.* 1909, p 154.

Dipsadomorphus stoliczkæ. Wall, *Rec. Ind. Mus.* 1909, p 155.

Length.—1,105 mm. (3 feet, 7½ inches).

Lepid.—Costals. In 21 rows to behind midbody, 15 two heads-lengths before the vent. Ventrals. 223 to 252. Subcaudals. 100 to 119.

Distn.—*Eastern Himalayas*. Buxa Doars to Sikkim. Assam. Goalpara. Sibsagar. Cachar. (Ind. Mus.)

Note.—Has been confused with *D. hexagonotus* Stoliczka, so I give only localities I can guarantee. I have examined in all 74 examples. It is to be noted that two specimens in the British Museum from Burma conform to this type, but their donor Colonel Beddome has been shown unreliable in many of his records. See note to *Natrix parallelus*.

Annandale (*Rec. Ind. Mus.* 1909, p 281) contests my view that this deserves specific rank apart from *hexagonotus*. To those who share his view this "form" should be considered a "variety" of *hexagonotus*.

235. (446) **Dipsadomorphus nuchalis** (Günther.) *The Collared Cat Snake*.

Dipsas ceylonensis. Boulenger, *Faun. Brit. Ind. Rept.* 1890, p 66 (part); Slater, *List. Sn. Ind. Mus.* 1890, p 46 (part except No 7932).

Dipsadomorphus ceylonensis. Boulenger, *Cat. Vol III*, 1896, p 66 (part).

Dipsadomorphus nuchalis. Wall, *Rec. Ind. Mus. Vol XIX*, p 153; l. c. *Vol. XXI*, p 279; *Bomb. N. H. J. Vol XXVI*, p 571.

Length.—1,309 mm. (4 feet, 3½ inches).

Lepid.—Costals. In 21 rows to behind midbody, 15 two heads-lengths before vent. Ventrals. 234 to 251. Subcaudals. 90 to 108.

Distn.—*Western Ghats*. South of the Goa gap. Wynad to Travancore. Shevaroyes. *Eastern Himalayas*. Nepal (Chitlong). Assam. Sibsagar. N. Cachar. (Ind. Mus.)

Note.—I have seen 60 examples. I have two skulls, the teeth of which number. Maxillary, 14 praecranterian, 2 cranterian. Palatine, 6 to 7. Pterygoid, 15 to 17. Mandibular, 20 to 23.

236. (Nil.) **Dipsadomorphus dightoni** (Boulenger.) *Dighton's Cat Snake*.

Dipsas dightoni. Boulenger, *Bomb. N. H. J. Vol VIII*, p 528; Ferguson, *Bomb. N. H. J. Vol X*, p 73.

Dipsadomorphus dightoni. Annandale, J. A. S., Beng., 1904, p 210 ; Boulenger, Cat. Vol III, 1896, p 69 ; Sarasin, Zool. Jahr. Jena. 1910 p 136.

Lepid.—Costals. In 23 rows to behind midbody, 17 or 15 two heads-lengths before the vent. Ventrals. 228 to 241. Subcaudals. 95 to 102.

Distn.—Western Ghats. Travancore. [Firmed. Brit. Mus. Ind. Mus. (No 13787).]

Note.—I have examined three specimens, the only ones known, all from Firmed.

BOIGA Fitzinger.

1803 Hurria. Daudin, part, Bull. Soc. Philom. Paris. III, No 72, p 187 [type *Hurria rynchops* (Schneider)].

1826 Boiga. Fitzinger, part, Neue. Class Rept. p 29 [type *Coluber irregularis* = *Boiga irregularis* (Merrem)].

1827 Dipsas. (non Laurenti, 1768.) Boie, part, Isis., p 548.

1843 ? Macrocephalus. Fitzinger, Syst. Rept. p. 27 [type *Dipsas drapiezii* = *Boiga ? drapiezi* (Boie)].

1843 Gonyodipsas. Fitzinger, Syst. Rept. p 27 [type *Dipsas irregularis* = *Boiga irregularis* (Merrem)].

1843 Eudipsas. Fitzinger, Syst. Rept. p 27 [type *Dipsas cynodon* = *Boiga cynodon* (Boie)].

1843 ? Cephalophis. Fitzinger, Syst. Rept. p 27 [type *Dipsas dendrophila* = *Boiga dendrophila* (Boie)].

1853 Opetiodon. Dumeril, Prodr. Class. Ophid. p 98 [type *O. cynodon* = *Boiga cynodon* (Boie)].

1853 Triglyphodon. Dumeril, Prodr. Class. Ophid., p 111 [type *T. irregulare* = *Boiga irregularis* (Merrem)].

1857 ? Toxicodryas. Hallowell, Proc. Philad. Acad. p 60 (type *T. blandingi*).

1877 Pappophis. Macleay, Proc. Linn. Soc. N. S. Wales, II, p 39 [type *P. laticeps* = *Boiga irregularis* (Merrem)].

1895 ? Liophallus. Cope, Proc. Philad. Acad. p 427 [type *Dipsas fusca* = *Boiga ? fusca* (Gray)].

237. (446) **Boiga andamanensis** (Wall.) *The Andaman Cat Snake.*

Dipsas ceylonensis. Stoliczka, J. A. S., Beng., 1870, p 198 (part).

Dipsas fusca. Sclater, List. Sn. Ind. Mus. 1891, p 47 (part, Nos 7928, 7929, 7930 and 8641).

Dipsadomorphus ceylonensis. Annandale, J. A. S., Beng., 1905, p 174 (part) : Stoliczka, J. A. S., Beng., 1856, p 360 (part).

Dipsadomorphus andamanensis. Wall, Rec. Ind. Mus. 1909, p 153. *Types.*—In the Indian Museum from the Andamans.

Length.—1,486 mm. (4 feet, 10½ inches).

Lepid.—Costals, 21 to behind midbody, 15 two heads-lengths before the vent. Ventrals. 259 to 269. Subcaudals. 118 to 133.

Distn.—Andaman Islands.

Note.—I have seen 9 examples. I have one skull, the teeth of which number. Maxillary. 13 praecranterian, 3 cranterian. Palatine 7 to 8, Pterygoid 20. Mandibular 21 to 22.

238. (450) **Boiga cyanea** (Dumeril and Bibron.) *The Green Cat Snake.*

Dipsas hexagonotus. Blyth, J. A. S., Beng., 1856, p 360 ; Stoliczka, J. A. S., Beng., Vol XXXIX, p 198 (part).

Dipsas fusca. Sclater, List. Sn. Ind. Mus. 1891, p 47 (part, No 8048).

Dipsas cyaneus. Boulenger, Faun. Brit. Ind. Rept. 1890, p 361 ; Evans, Bomb. N. H. J. Vol XIII, p 553 ; Sclater, List. Sn. Ind. Mus. 1891, p 47 ; Wall and Evans, Bomb. N. H. J. Vol XIII, pp 188 and 346.

Dipsadomorphus ceylonensis. Annandale, J. A. S., Beng., 1905, p 174 (part); Sarasin, Zool. Jahr. Jena. 1910, p 134 (part).

Dipsadomorphus cyaneus. Boulenger, Cat. Vol III, 1896, p 72; Evans, Bomb. N. H. J. Vol XVI, p 170; Wall, Bomb. N. H. J. Vol XVIII, p 329; l. c. Vol XIX, p 353; Rec. Ind. Mus. 1909, p 154.

Length.—1,448 mm. (4 feet, 9 inches).

Lepid.—Costals. 21 to behind midbody, 15 two heads-lengths before the vent. In some specimens the vertebral row divides as in other species of this genus, making the scale rows appear 23 in places. Ventrals. 237 to 257. Subcaudals. 124 to 134.

Distn.—*Eastern Himalayas*. Darjeeling. (Brit. Mus.) Tindharia. (F. W.) Assam. Cachar. (Ind. Mus.) Sonapur. Monacherra. (Bombay colln.). Khasi Hills. (Cherrapunji. Ind. Mus. Nongpho F. W.) *Burma*. Kokine, near Rangoon. (Evans) Insein near Rangoon. (Wall and Evans) Tavoy. (Ind. Mus.) *Siam*. Klong Menao. East of Sriracha. Koh Phai Island (Malcolm-Smith) *Indo-China*. (Mocquard.)

239. (Nil.) **Boiga cynodon** (Boie.) Boie's Cat Snake.

Dipsas cyanea. Wall and Evans, Bomb. N. H. J. Vol XIII, p 615.

Dipsas cynodon. Slater, List. Sn. Ind. Mus. 1891, p 47.

Dipsadomorphus cynodon. Boulenger, Cat. Vol III, 1896, pp 78 and 164; Wall, Bomb. N. H. J. Vol XIX, p 353; l. c. Vol XIX, pp 832 and 899.

Lepid.—Costals. In 23 or 25 rows to behind midbody, 15 two heads-lengths before the vent. Ventrals (for Indian specimens). 249 to 277. Subcaudals (for Indian specimens). 114 to 147.

Distn.—*Eastern Himalayas*. Jalpaiguri. Tindharia. (F. W.) Assam. (Dibrugarh. F. W.) Cachar. (Ind. Mus.) Garo Hills. (Ind. Mus.) Naga Hills. (Samaguting. Ind. Mus.) *Burma*. Thayetmyo. (Ind. Mus.) Toungoo. (Brit. Mus.) Rangoon. Myitkyina. (F. W.) Mergui. (Ind. Mus.) Burma-Siam Hills. (Ind. Mus.) *Siam*. Bangnara, Patani State. (M. Smith). *Malay Peninsula*. (Brit. and Ind. Mus.) *Malay Archipelago*. Borneo. (Brit. Mus.) *Philippines*. (Brit. Mus.)

240. (451) **Boiga forsteni** (Dumeril and Bibron.) Forsten's Cat Snake.

Dipsas forsteni. Abercromby, Sn. of Ceylon. 1910, pp 47 and 78; Spol. Zeylan. 1911, p 206; l. c. 1913, p 145; Alcock and Rogers, Proc. Roy. Soc. 1902, p 449; Boulenger, Faun. Brit. Ind. Rept. 1890, p 362; Ferguson, Bomb. N. H. J. Vol X, p 73; Pearless, Spol. Zeylan. 1909, p 54; Slater, List. Sn. Ind. Mus. 1891, p 47; Willey, Spol. Zeylan. 1903, p 82; l. c. 1906, p 233.

Dipsadomorphus forsteni. Boulenger, Cat. Vol III, 1896, p 80; Sarasin, Zool. Jahr. Jena. 1910, p 130; Wall, Bomb. N. H. J. Vol XIX, p 757; l. c. Vol XXVI, p 571; Spol. Zeylan. 1921, p 406.

Boiga forsteni. Wall, Oph. Tap. 1921, p 285.

Length.—2,313 mm. (7 feet, 7 inches).

Lepid.—Costals. In from 25 to 31 rows to behind midbody, 17 or 15 before the vent. Ventrals. 254 to 273. Subcaudals. 102 to 119 (131 Boulenger).

Distn.—*Ceylon*. Peninsular India. Western Ghats. Matheran to Travancore. Ganges Valley. Orcha. Fyzabad. Gorakhpur. (Bombay colln.) Balrampur. (F. W.) Purnea. Manbhum (Ind. Mus.). Orissa. Berhampore. (F. W.) Bengal. Sijna (F. W.). *Western Himalayas*. Naini Tal Dist. (Kaladungi. F. W.) *Eastern Himalayas*. Darjeeling Dist. (F. W.).

Genus.—TAPHROMETAPON Brandt.

241. (Nil.) **Taphrometapon lineolatum** Brandt. *Brandt's Sand Snake*.
Psammophis leithi. Sclater, *List. Sn. Ind. Mus.* 1891, p 50 (part, No 11697).
Psammophis schokari. Wall, *Bomb. N. H. J.* Vol XX, p 1039 (part).
Psammophis triticeus. Wall, *Bomb. N. H. J.* Vol. XXI, p 634.
Taphrometapon lineolatum. Alcock and Finn, *J. A. S., Beng.*, 1896. p 563; Annandale, *J. A. S., Beng.*, 1904, p 210; Boulenger, *Cat. Vol III*, 1896, p 151; Sclater, *List. Sn. Ind. Mus.* 1891 p 49.
Length.—870 mm. (2 feet, 10½ inches).
Lepid.—Costals. In 17 rows to behind midbody, 13 two heads-lengths before the vent. Ventrals. 174 to 197. Anal. Divided. Subcaudals. 72 to 107.
Distn.—Baluchistan. Quetta. Marachak. Chaman. Baleli. Afghanistan. Persia. Turkestan. Aralo-Caspian Steppes.

Genus.—PSAMMOPHIS Boie.

242. (454) **Psammophis leithi** Günther. *Leith's Sand Snake*.
P. leithi. Boulenger, *Cat. Vol III*, 1896, p 155; Sclater, *List. Sn. Ind. Mus.* 1891, p 50 (part, Nos 7596, 8663, 8705 and 11453); Wall. *Bomb. N. H. J.* Vol XVIII, pp 120 and 203; l. c. Vol XX, p 1039.
Lepid.—Ventrals. 161 to 185. Subcaudals. 85 to 107.
Distn.—Ganges Valley. Fyzabad. Rae Bareli. (F. W.) Gwalior. (Brit. Mus.) Banda. N. W. P. (Ind. Mus.) Cutch. (Ind. Mus.) Rajputana. Ajmer. (Brit. Mus.) Punjab. Campbellpore. (Bombay colln.) Sind. Karachi. (Ind. Mus.) Baluchistan. Munro Khalat. (Brit. Mus.) Duki. (Quetta Mus.) N. W. Frontier. Thal. (F. W.)
Note.—A specimen in the Bombay collection (No 652) is labelled "Cannanore. Donor Major F. Wall." This is a mistake as I never obtained it from that locality. It is necessary to remark upon this to show that the records of this collection are not completely reliable, in spite of every care. (See note to *Silybura phipsoni*.)
243. (Nil.) **Psammophis schokari** (Forsk.) *Schokar's Sand Snake*.
P. leithi. Sclater, *List. Sn. Ind. Mus.* 1891, p 50 (part, Nos 4612, 4613, 4614, 7602, 7603, 8440, 8584, 8585, 8593, 10974, 11421, 13421, 13422.)
P. schokari. Boulenger, *Cat. Vol III*, 1896, p 157; P. Z. S. 1919. pp 290 and 305; Wall, *Bomb. N. H. J.* Vol XVIII, p 803; l. c. Vol XX, p 1039.
Lepid.—Ventrals. 174 to 186. (Boulenger, 162 to 195.) Subcaudals. 112 to 137. (Boulenger, 93 to 149).
Distn.—Punjab. Lahore. (F. W.) Sind. Karachi. Sukkur. Baluchistan, Afghanistan. Persia. Syria. Arabia. Somaliland. N. Africa. Sahara.
244. (456) **Psammophis longifrons** Boulenger. *Boulenger's Sand Snake*.
P. longifrons. Boulenger, *Cat. Vol III*, 1896, p 165; D'Abreu, *Bomb. N. H. J.* Vol XXII, p 634; Dreckman, *Bomb. N. H. J.* Vol VII. p 406; Gleadow, *Bomb. N. H. J.* Vol VIII, p 553.
Lepid.—Ventrals. 166 to 175.
Distn.—Peninsular India. Cuddapah Hills? Bombay Dist. (Godra. Thana. Kalyan. Bulsar. Bombay colln.). Central Provinces (Nagpur).
Note.—I attach a query to Cuddapah Hills as this locality rests upon the sole authority of Beddome. (See note to *Natrix parallelus*.)

245. (455) **Psammophis condanarus** (Merrem.) *Merrem's Sand Snake.*

P. condanarus. Boulenger, *Cat. Vol III*, 1896, p 165; Sclater, *List. Sn. Ind. Mus.* 1891, p 50 (*part, all except No 8730*); Wall and Evans, *Bomb. N. H. J. Vol XIII*, p 617; Wall, *Bomb. N. H. J. Vol XVIII*, p 121; l. c. *Vol XX*, p 626.

Length.—978 mm. (3 feet, 2½ inches).

Lepid.—Ventrals. 156 to 188. Subcaudals. 71 to 92.

Distn.—Cutch. (Ind. Mus.) Punjab. Chillianwala. (Brit. Mus.) Sind. Kotri. (Brit. Mus.) Western Himalayas. Simla. (Ind. Mus.) Mussoorie. Almora. Muktesar. (F. W.) Ganges Valley. Fyzabad. (F. W.) Lower Bengal. (Ind. Mus.) Burma. Pegu. (Brit. Mus.) Prome. Bassein. (Ind. Mus.) Tharrawady. (F. W.) S. Shan States. (Brit. Mus.) Siam. (Brit. Mus.)

Genus.—PSAMMODYNASTES Günther.

246. (453) **Psammodynastes pulverulentus** (Günther.) *The Mock Viper.*

P. pulverulentus. Annandale, *Rec. Ind. Mus.* 1912, pp 37, 50 and 54; Boulenger, *Cat. Vol III*, 1896, p 172; *Rec. Ind. Mus.* 1913, p 338; Sclater, *List. Sn. Ind. Mus.* 1891, p 49; Venning, *Bomb. N. H. J. Vol XX*, p 342; l. c. *Vol XX*, pp 72 and 774; Wall and Evans, *Bomb. N. H. J. Vol XIII*, pp 349 and 617; Wall, *Bomb. N. H. J. Vol XVIII*, pp 204 and 330; l. c. *Vol XIX*, pp 353, 758 and 833; l. c. *Vol XX*, pp 73 and 686.

Length.—629 mm. (2 feet and ¾ of an inch).

Lepid.—Subcaudals. 44 to 71.

Distn.—Eastern Himalayas. Buxa Dooars to Sikkim. Assam. Hills and Plains North and South of the Bramaputra. Burma. From Katha (Long. 96°1'. Lat. 24°1') in the North to Tenasserim. Malay Peninsular. Siam. Indo-China. S. China. Malay Archipelago. Sumatra to Celebes. Philippines. Formosa.

Genus.—DRYOPHIS Dalman.

247. (457) **Dryophis perroteti** (Dumeril and Bibron.) *Perrotet's Whip Snake.*

D. perroteti. Boulenger, *Cat. Vol III*, 1896, p 178; Sarasin, *Zool. Jahr. Jena.* 1910, p 138; Sclater, *List. Sn. Ind. Mus.* 1891, p 513. Wall, *Bomb. N. H. J. Vol XVII*, p 7; l. c. *Vol XXVI*, p 572.

Length.—585 mm. (1 foot, 11 inches).

Lepid.—Subcaudals. 65 to 84.

Distn.—Western Ghats. N. Canara. Nilgiris.

248. (459) **Dryophis fronticinctus** Günther. *Günther's Whip Snake.*

D. fronticinctus. Boulenger, *Cat. Vol III*, 1896, p 179; Sclater, *List. Sn. Ind. Mus.* 1891, p 51; Wall and Evans, *Bomb. N. H. J. Vol XIII*, p 346; Wall, *Bomb. N. H. J. Vol XVII*, p 7; l. c. *Vol XIX*, p 353.

Length.—864 mm. (2 feet, 10 inches).

Lepid.—Ventrals. 168 to 196.

Distn.—Eastern Himalayas. Darjeeling Dist. (F. W.) Assam. Sibsagar. (Ind. Mus.) Burma. Watiya. Rangoon. (F. W.) Pegu. (Brit. Mus.)

Note.—I think the specimens from Darjeeling and Assam will prove to constitute a species distinct from *fronticinctus*. In two Burmese specimens in the Indian Museum (Nos 7791 and 7792) I find the praecranterian teeth (behind the second edentulous space) 6, and 7 (? 8) respectively. In the specimen from Dibrugarh (preserved in the Bombay collection) these teeth number 3, and in a specimen from Sibsagar in the Indian Museum (No 6924) they number 4. I cannot

however discover any difference in lepidosis. It is significant that the Burmese species which Stoliczka (J.A.S., Bengal, Vol XXXIX, p 197) reports a true brackish water species common about the mouth of the Moulmein River, and Theobald (Cat. Rept. Brit. Burma, p 53) reports "by no means scarce" in the Mangrove swamps on the Arakan Coast, should not have been recorded anywhere in Burma except at the mouths of rivers, and should again be found far inland in Assam, and in the Darjeeling District.

249. (458) **Dryophis dispar** (Günther.) *Beddome's Whip Snake.*

D. dispar. Boulenger, *Cat. Vol III*, 1896, p 179; Ferguson, *Bomb. N. H. J. Vol X*, 1895, p 73; Fischer, *Bomb. N. H. J. Vol XXIV* p 194; Sarasin, *Zool. Jahr. Jena*, 1910, p 142; Sclater, *List. Sn. Ind. Mus.* 1891, p 51; Wall, *Bomb. N. H. J. Vol XVII*, p 7.

Length.—788 mm. (2 feet, 7 inches).

Lepid.—Ventrals. 136 to 156. Subcaudals. 78 to 106.

Distn.—Western Ghats. Nilgiris to Travancore.

Note.—The snake alluded to by Mocquard (Rept. L'Indo-Chine, 1907, p 47) is obviously not this species, or if the identification is correct did not come from Indo-China.

250. (460) **Dryophis prasinus** Boie. *Boie's Whip Snake.*

Annandale, *Rec. Ind. Mus.* 1912, pp 37, 50 and 54; Boulenger, *Cat. Vol III*, 1896, p 180; *Rec. Ind. Mus.* 1913, p 338; Evans, *Bomb. N. H. J. Vol XVI*, p 169; Wall and Evans, *Bomb. N. H. J. Vol XIII*, p 616; Sclater, *List. Sn. Ind. Mus.* 1891, p 51; Wall, *Bomb. N. H. J. Vol XVII*, p 7; *l. c. Vol XIX*, pp 353, 825, 834 and 899.

Lepid.—Ventrals. 194 to 235. (196 to 215 for Indo-Burmese specimens). Subcaudals. 151 to 207. (155 to 182 for Indo-Burmese specimens.).

Distn.—Bengal. Jalpaiguri Dist. (F. W.) Eastern Himalayas. Sikkim. Bhutan. Assam. Plains and Hills North and South of the Bramaputra River. Chittagong Hills. Burma. As far North as Mansi. (Lat. 24° 7'. Long. 95° 7'.) South to Tenasserim. East to S. Shan States. Malay Peninsula. Siam. Indo-China. Malay Archipelago. Sumatra to Celebes. Philippines.

251. (461) **Dryophis mycterizans** (Linné.) *The Common Green Whip Snake.*

D. pulverulentus. Sclater, *List. Sn. Ind. Mus.* 1891, p 52 (part, Nos 7811 and 7816).

D. mycterizans. Abercromby, *Sn. of Ceylon*, 1910, pp 49 and 63; Spol. *Zeylan.* 1911, pp 205 and 207; *l. c.* 1913, p 144; Alcock and Rogers, *Proc. Roy. Soc.* 1902, p 450; Annandale, *Mem. A. S., Beng.*, Vol 10, p 196; Boulenger, *Cat. Vol III*, 1896, p 182; Caius, *Bomb. N. H. J. Vol XXVII*, p 862; Evans, *Bomb. N. H. J. Vol XVI*, p 169; Ferguson, *Bomb. N. H. J. Vol VI*, p 420; *l. c. Vol X*, p 73; Green, *Spol. Zeylan.* 1903, p 36; Kinlock, *Bomb. N. H. J. Vol XXVI*, p 681; Kinnear, *Bomb. N. H. J. Vol XXI*, p 1336; Pearless, *Spol. Zeylan*, 1909, p 54; Primrose, *Bomb. N. H. J. Vol XV*, p 347; Sarasin, *Zool. Jahr. Jena*, 1910, p 131; Sclater, *List. Sn. Ind. Mus.* 1891, p 52; Wall and Evans, *Bomb. N. H. J. Vol XIII*, pp 347 and 615; Wall, *Bomb. N. H. J. Vol XVI*, pp 308, 394 and 542; *l. c. Vol XVII*, p 7; *l. c. Vol XVIII*, pp 783 and 919; *l. c. Vol XIX*, p 757; *l. c. Vol XX*, pp 229 and 524; *l. c. Vol XXVI*, p 572; Spol. *Zeylan.* 1921, p 401; Oph. *Tap.* 1921, p 291; Willey, *Spol. Zeylan.* 1906, p 227.

Length.—1,944 mm. (6 feet, 4½ inches).

Lepid.—Ventrals. 168 to 206. (Peninsular India, 168 to 188. Bengal, E. Himalayas and Burma, 176 to 206.) Subcaudals. 136 to 174. (Peninsular India, 137 to 174. Bengal, E. Himalayas, and Burma. 140 to 153.)

Distn.—Ceylon. Peninsular India. Excluding the Ganges Valley West of Patna. Bengal. Eastern Himalayas. Assam. Burma. Siam. Indo-China.

Note.—I question the reliability of Mount Abu (Ind. Mus.) and Allahabad on the authority of the von Schlagintweits. These collectors are also responsible for the records of *Eryx conicus* and *Eryx johani* from Sikkim at 4,900 and 9,800 feet respectively. This is an extremely common species in the stock in trade of itinerant jugglers, and all the three species alluded to may have been derived from this source. *Vide* my note to *Hurria rynchops*.

252. (462) **Dryophis pulverulentus** (Dumeril and Bibron.) *The Brown Speckled Whip Snake.*

D. pulverulentus. Abercromby, *Sn. of Ceylon*, 1910 pp 49 and 79; *Spol. Zeylan.* 1913, p 144; Boulenger, *Cat. Vol III*, 1896, p 184; Ferguson, *Bomb. N. H. J. Vol. XIV*, p 386; Sarasin, *Zool. Jahr. Jena.* 1910, p 128; Sclater, *List. Sn. Ind. Mus.* 1891 p 52 (part. No 8386); Wall, *Bomb. N. H. J. Vol. XXII*, p 639; *l. c. Vol XXVI*, p 574; *Spol. Zeylan.* 1921, p 401; *Oph. Tap.* 1921, p, 302; Willey, *Spot. Zeylan.* 1903, p 84.

Lepid.—Ventrals. 179 to 202. Subcaudals. 161 to 207.

Distn.—Ceylon, Western Ghats. Nilgiris to Travancore.

Genus.—CHRYSOPELEA Boie.

253. (463) **Chrysopelea ornata** (Shaw.) *The Gold and Black Tree Snake.*

C. ornata. Abercromby, *Sn. of Ceylon*, 1910, pp 49 and 80; Annandale, *J. A. S., Beng.*, 1904, p 210; *l. c.* 1905, p 176; Boulenger, *Cat. Vol III*, 1896, p 196; Evans, *Bomb. N. H. J. Vol XVI*, p 170; Ferguson, *Bomb. N. H. J. Vol X*, p 74; Millard, *Bomb. N. H. J. Vol XV*, p 348; Sarasin, *Zool. Jahr. Jena.* 1910, p 134; Sclater, *List. Sn. Ind. Mus.* 1891, p 53; Wall and Evans, *Bomb. N. H. J. Vol XIII*, pp. 345 and 614; Wall, *Bomb. N. H. J. Vol XV*, p 525; *l. c. Vol XVII*, p 1035; *l. c. Vol XVIII*, p 227; *l. c. Vol XIX*, pp 757a and 899; *l. c. Vol XXVI*, p 574; *Spol. Zeylan.* 1921, p 401; *Oph. Tap.* 1921, p 305; Willey, *Spol. Zeylan.* 1906, p 230.

Length.—1,400 mm. (4 feet, 7 $\frac{1}{8}$ inches).

Lepid.—Subcaudals. 100 to 144.

Distn.—Ceylon. Western Ghats of India. South of the Goa gap to Travancore. Bengal. As far West as Patna. Eastern Himalayas. Buxa Dooars to Sikkim. Assam. Burma. Nicobars. Siam. Indo-China. S. China. Malay Peninsula. Malay Archipelago. Sumatra to Celebes. Philippines.

Sub-family 6.—ELACHISTODONTINAE.

Genus.—ELACHISTODON Reinhardt.

254. (452) **Elachistodon westermanni** Reinhardt. *Westermann's Snake.*

Boulenger, *Cat. Vol III*, 1896, p 264; Sarasin, *Zool. Jahr. Jena.* 1910, p 146; Sclater, *List. Sn. Ind. Mus.* 1891, p 48; Wall, *Bomb. N. H. J. Vol XXII*, p 400.

Lepid.—Costals. Two heads-lengths behind the head 19, midbody 15, two heads-lengths before the vent 15. Ventrals. 208 to 217.

Distn.—Bengal. Rangpur. (Type, Copenhagen Museum.) Purnea (Ind. Mus.) Jalpaiguri. (Bombay colln.)

(To be continued.)



Wall, Frank. 1924. "A Hand list of the Snakes of the Indian Empire. Part Iii." *The journal of the Bombay Natural History Society* 29, 864–878.

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