

larger in proportion to the size of the animal than those of any of the allied species.

The following are the dimensions of the typical specimen, a female, preserved in spirit:—

Head and body 147 millim., tail 195, hind foot 31, forearm and hand 39·5, ear (above crown) 14.

Skull: basal length 31·5 millim., greatest breadth 20·0; nasals, length 14·0; interorbital constriction, breadth 4·2; interparietal, length 4·8, breadth 11·0; palate, length 17·6; palatal foramen 7·5; length of molar series 7·0; basi-cranial axis 12·0.

As to the other species incidentally mentioned under *H. pyrrhorhinus* in my former paper, I am indebted to Dr. Herluf Winge, of Copenhagen, for such a description of the true *H. mastacalis*, Lund *, as shows that *H. pyrrhonotus* is wholly distinct from that animal; while a personal examination of the type of *H. macrurus*, Gerv. †, in the Paris Museum, proves that, like *H. mastacalis*, it is a true *Rhipidomys*, and differs therefore very essentially from the Peruvian species here described.

XLI.—*A Synopsis of the Reptiles and Batrachians of the Province Rio Grande do Sul, Brazil.* By G. A. BOULENGER.

THE present list includes all the species of Reptiles and Batrachians hitherto obtained in the Province Rio Grande do Sul. The total numbers (63 for the former and 28 for the latter class, against 31 and 22 as given by Hensel, the first explorer of that district) show an increase almost entirely due to Dr. von Ihering's activity. In view of rendering this list more useful, I have intercalated keys to the genera and species, based on the most constant and easily ascertainable characters, as taken from specimens obtained in the Province, and every species is accompanied by an enumeration of the principal synonyms. The latter part of the work will be found to contain much original matter, especially as I have had access to the entire Henselian collection in the Berlin Museum.

The indication "B. M.; v. I." signifies that specimens have been sent to the Natural-History Museum by Dr. von Ihering.

* Blik Bras. Dyr., Dansk. Afhandl. viii. p. 279 (1841).

† Casteln. Exp. Amér. du Sud, Mamm. p. 3 (1855).

REPTILIA.

CHELONIA.

Testudinidæ.

CLEMMYS, Wagl.

Clemmys Dorbignyi.

Emys Dorbignyi, Dum. & Bibr. *Erp. Gén.* ii. p. 272; d'Orbigny, *Voy. Am. Mér.* v., *Rept.* p. 6, pl. i.

B. M.; v. I. Near Rio Grande.

Chelydidæ.

- a. Nuchal plate marginal; a pair of barbels on the chin. . . *Platemys*.
 b. Nuchal plate simulating a sixth vertebral; no barbels. . . *Hydromedusa*.

PLATEMYS, Wagl.

- A. Barbels nearly as long as the diameter of the eye, black at the base; upper surface of neck with flat warts; soft parts with dark spots or bands.
- a. A broad black band on each side of the head; plastron dirty yellow or brown; carapace with black and yellow lines or vermiculations *P. Geoffroyana*.
 b. A narrow black line on each side of the head; plastron yellow with black spots; carapace uniform olive-brown or with a few black spots *P. Hilairii*.
- B. Barbels very short, smaller than the warts on the upper surface of the neck, which are large, conical, erect; soft parts uniform olive-brown; plastron blackish *P. Spixii*.

Platemys Geoffroyana.

Emys Geoffreana, Schweigg. *Arch. Königsb.* i. 1812, p. 302.

Platemys Geoffreana, Dum. & Bibr. *l. c.* p. 418.

Platemys Geoffreyana, part., Hensel, *Arch. f. Nat.* 1868, p. 350.

B. M.; v. I.

Platemys Hilairii.

Platemys Geoffreana, juv., Dum. & Bibr. *l. c.* p. 421.

Platemys Hilairii, Dum. & Bibr. *l. c.* p. 428; Burmeister, *Reise La Plata*, ii. p. 521.

Platemys Geoffreyana, part., Hens. *l. c.* p. 350.

Spatulemys Lasaleæ, Gray, *Ann. & Mag. Nat. Hist.* (4) x. 1870, p. 463, and xi. 1871, p. 73, pl. ii.

B. M.; v. I.

Platemys Spixii.

Platemys Spixii, Dum. & Bibr. *l. c.* p. 409.

B. M.; v. I. One example, from San Lorenzo.

HYDROMEDUSA, Wagl.

Hydromedusa tectifera.

Hydromedusa Maximiliani (non Mik.), Wagl. Syst. Amph. p. 135, pl. iii. figs. 25-42; Burmeister, An. Soc. Sc. Argent. xxi. 1886, p. 5.

Chelodina Maximiliani, Dum. & Bibr. l. c. p. 449; Hens. l. c. p. 355.

Hydromedusa tectifera, Cope, Proc. Am. Phil. Soc. xi. 1869, p. 147; Bouleng. Ann. & Mag. Nat. Hist. (5) xvi. 1885, p. 85.

Hydromedusa platanensis, Gray, Ann. & Mag. Nat. Hist. (4) xi. 1873, p. 302; Günth. Ann. & Mag. Nat. Hist. (5) xiv. 1884, p. 423, pl. xiv.

Hydromedusa Wagleri, Günth. l. c.

B. M.; v. I.

Chelonidæ.

THALASSOCHELYS, Fitz.

Thalassochelys caretta.

Testudo caretta, Linn. S. N. i. p. 351.

Testudo caouana, Daud. Rept. ii. p. 54.

Chelonia caouana, Dum. & Bibr. ii. p. 552.

Thalassochelys caretta, Bonap. Amph. Eur. p. 24.

B. M.; v. I.

CROCODILIA.

ALLIGATOR, Cuv.

Alligator latirostris.

Crocodylus yacare, Daud. Rept. ii. p. 407.

Crocodylus latirostris, Daud. l. c. p. 417.

Alligator cynocephalus, Dum. & Bibr. iii. p. 86.

Alligator latirostris, Hens. l. c. p. 348.

B. M.; v. I.

LACERTILIA.

Iguanidæ.

A. A transverse gular fold.

- a. A slight dorsal crest or denticulation; dorsal scales uniform *Emyalius.*
- b. No crest; dorsal lepidosis heterogeneous *Anisolepis.*
- c. No crest; dorsal scales uniform, granular *Urostrophus.*

B. No gular fold.

- a. Ventral scales smooth; male with anal pores *Liolaemus.*
- b. Ventral scales keeled; no anal pores *Saccodeira.*