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A

SYNOPSIS OF THE SPECIES

OF THE

CLASS REPTILIA.

BY J. E. GRAY, ESQ. F.G.S., &c. &c.

N.B.—In the following List those species alone are included, which have either been seen by the author, or which have been well figured or described.*

REPTILES.

Vertebrated animals, respiring by lungs, having warm red blood, heart with one ventricle and two auricles and the skin covered with scales.

* In forming this list, the collection of reptiles of the British Museum, the College of Surgeons, and of Mr. Bell, in London, of the Gardens of Plants and Ecole de Medicine at Paris, of the Royal Museum of Leyden and Berlin, and the Free Town of Francfort, have been studied with attention through the kindness of their several keepers.—J. E. Gray. Oct. 1830.

B

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CLASS REPTILIA.

Expanded Chelys. Ch. (Hydraspis) Expansa, Gray. *Emys Expansa*, Schw. *E. Amazonica*, Spix, t. 1. *E. Tracaxa*, Spix, t. 5, f. 1. 2.

Shell ovate, depressed, brown, black spotted; margin very much expanded; nuchal shield none; nose longitudinally grooved, Var. β *Emys Erythrocephala*, Spix, t. 7, is perhaps the same. It is from a stuffed specimen. Brazils.

Dumeril's Chelys. Ch. (Hydraspis) Dumerilliana, Gray. *Emys Icterocephala*, Spix, t. 4.

Shell ovate, black, discal shields flat, hinder margin expanded; head globose; nose convex, smooth. Brazils.

Cayenne Chelys. Ch. (Hydraspis) Cayennensis, Gray, *Emys Cayennensis*, Schw.

Shell ovate, convex, tuberculately keeled; smooth, yellow green, black varied; nuchal shield none; head brown, with two yellow spots. β *Emys Gibba*, Schw. Shell black. Guiana.

Demerara Chelys. Ch. (Hydraspis) Lata, Bell MSS.

Shell suborbicular, depressed, black; head and neck black orange spotted. Demerara. Bell.

Consult also, 1, *Emys Bitentaculata*, Cuv. MSS.—2, *Emys Barbatula*, Gravenhorst, Delic. t. 5. f. 3. 4.—3. *Emys Constricta*, Cuv. MSS.—4. *E. Maximiliana*, Michan, and—5, *Hydraspis Pachyura*, Boie MSS.

IV. *The beak very broad, depressed, covered with soft lips; the nostrils long, tubular; intergular plate marginal; Chelys, Dumeril.*

Brazilian Matamata. Chelys Matamata, Test. Matamata, Brong. Jour. H. N. 7, t. 13. *Ch. Fimbriata*, Schn.

Shell oblong; shields elevated acute, forming three keels. South America.