

motive force enough to sustain *two* motive systems at one and the same time: one is supplanted by the other. Ciliary is commuted into muscular motion. While studying the mechanism of respiration in the articulated animal, vibratile epithelium will therefore nowhere demand attention: its agency will be found to have been substituted by other instruments.

An exposition of the preceding general principles has seemed to the author indispensable to an intelligent study of the novel and extraordinary details, upon which it is proposed next to enter.

[To be continued.]

XV.—*Catalogue of Reptiles collected in Ceylon.*

By E. F. KELAART, M.D., F.L.S. &c.

Order SAURIA. Lizards.

Suborder I. LEPTOGLOSSÆ. Slender-tongued Lizards.

Fam. *Monitoridæ*. Monitors.

Monitor Dracæna, Gray.

Hydrosaurus Salvator, Wagler.

Fam. *Scincidæ*. The Scincs.

Riopa punctata, Gray.

— *Hardwickii*, Gray.

Mabouia elegans (?), Gray.

Tiliqua rufescens, Gray.

Fam. *Acontiadæ*.

Nessia Burtoni (?), Gray.

Acontias (?) *Layardi*, n. s., *nobis*.

Fam. *Typhlopsidæ*. Typhlops.

Argyrophis Bramicus, Daud. *Two varieties; one with a pale white streak beneath.

Fam. *Uropeltidæ*. Rough-tails.

Uropeltis grandis, n. s., *nobis*.

— *Saffragamus*, n. s., *nobis*.

— *pardalis*, n. s. *nobis*.

Rhinophis (?) *Blythii*, n. s., *nobis*.

Siluboura Ceylonicus, Gray.

Dapatnaya Lankadivana, n. s., *nobis*.

— *Trevelyanii*, n. s., *nobis*.

Suborder II. PACHYGLOSSÆ. Thick-tongued Lizards.

Fam. *Geckotidæ*. The Geckos.

- Hemidactylus trihedrus*, Lesson.
 — *maculatus*, Dum. et Bib.
 — *Pieresii*, n. s., *nobis* (Prod. Faunæ Zeylanicæ, p. 159).
 — *Coctæi*, Dum. et Bib.
 — *frenatus*, Schlegel.
 — *Leschenaultii*?, Dum. et Bib. apud Blyth.
Boltalia sublævis, Gray.
Peripia Peroni, Dum. et Bib.
Gymnodactylus (?) *Kandianus*, n. s., *nobis* (Prod. F. Z. p. 186).

Fam. *Agamidæ*. The Agamas.

- Litana Ponticereana*, Cuvier.
Lyriocephalus scutatus, Wagler.
Ceratophora Hoddartii, Gray.
Salea Jerdoni, Gray.
Calotes ophiomachus, Gray.
 — *Rouxi* (?), Gray, apud Blyth. - *C. viridis* (?), Gray, apud nos.
 — *mystaceus*, Dum. et Bib.
 — *versicolor*, Dum. et Bib.

Fam. *Chameleonidæ*. The Chameleons.

- Chameleo vulgaris*, Daud.

Order OPHIDIA. Serpents.

Innocuous Serpents.

Fam. *Boidæ*.

Burrowing.

- Cylindrophis maculata*, Wagler.

Terrestrial.

- Python molurus*, Gray.

Fam. *Colubridæ*, Bonaparte.

Terrestrial.

- Calamaria Scytale*?
Lycodon. Two or more species.
Xenodon purpurascens, Schlegel, var.
Coluber Korros, Reinwardt.

Arboreal.

- Dipsas multimaculata* (?), Schlegel.
Drynus prasinus, Reinwardt. Two or more varieties.
Leptophis pictus, Gmelin.
 — *ornatus*, Shaw.
 — sp.

Aquatic.

Tropidonotus umbratus, 2 var., *Daudin et*

— *stolbatus*, *Linn.*

— *schistosus*, *Daud.*

Cerberus cinereus, *Cuvier.*

Venomous Serpents.

Fam. *Viperidæ.* Vipers.

Terrestrial.

Bungarus candidus, *Linn.*

Naja lutescens, var. *nigra.*

Arboreal.

Trigonocephalus hypnale, *Wagler.*

— *Grammeus*, *Shaw.*

**Trimesurus Ceylonensis*?, apud *Gray.*

Megæra trigonocephala, *Wagler.*

Daboia elegans, *Gray.*

— *Russellii*?, *Gray.*

N.B.—There are about six or eight more Ceylon snakes which have not yet been identified.

Order CHELONIA.

Fam. *Testudinidæ.*

Testudo Indica, *Gmelin.*

— *stellata*, *Schweig.*

Fam. *Emydidæ.*

Emys trijuga, var. *Emys seba*, *Gray*, apud *Blyth.*

Fam. *Trionycidæ.*

Emyda punctata, *Gray.*

Fam. *Chelonidæ.*

Caretta imbricata, *Gray.*

Chelonia virgata, *Gray.*

Order EMYDOSAURIA.

Fam. *Crocodylidae.*

Crocodylus porosus, *Schweig.*

— *palustris*, *Lesson.*

— *bombifrons*, *Gray.* *C. palustris*, male, apud *Blyth.*

AMPHIBIA.

Order BATRACHIA.

Fam. *Ranidæ.*

Rana cutipora, *Dum. et Bib.*

- Rana Malabarica*, Dum. et Bib.
 — *Bengalensis*, Gray.
 — *tigrina*, Daudin.
 — *Newera Elliana*, n. s., nobis.
 — *Kandiana*, n. s., nobis.
 — *Leschenaultii*?, Dum. et Bib.

Fam. *Hylidæ*.

- Polypedates leucomystax*, Gravenhorst.
 — *cruciger*, Blyth.
 — *stellata*, nobis (Prod. F. Z. p. 194).
Limnodytes mutabilis, n. s., nobis.
 — *maculata*, n. s., nobis.

Fam. *Buфонidæ*.

- Bufo melanostictus*, Schneider.
Engystoma marmorata, Gray.
 — *cinnamomea*, n. s., nobis.

N.B.—Mr. Blyth in his Report (J. A. S. Bengal, No. 4. 1853) enumerates among the reptiles we sent him the following new species:—*Rana robusta*, *Limnodytes lividus*, *L. macularis*, *Pyrixcephalus fodiens*, Jerdon, and *Engystoma rubrum*.

Order PSEUDOPHIDIA.

Fam. *Cæciliidæ*.

- Ichthyophis glutinosus*, Gray.

PROCEEDINGS OF LEARNED SOCIETIES.

ZOOLOGICAL SOCIETY.

July 22, 1851.—John Edward Gray, Esq., F.R.S. &c., Vice-President, in the Chair.

DESCRIPTION OF FIFTY-FOUR NEW SPECIES OF HELICEA, FROM THE COLLECTION OF HUGH CUMING, ESQ.

By DR. L. PFEIFFER.

1. *STREPTAXIS DISCUS*, Pfr. *S. testâ latè umbilicatâ, discoided, subregulari, lævigatâ, albido-hyalinâ; spirâ pland, vertice prominulo; anfractibus 6½, vix convexiusculis, irregulariter varicosis, ultimo depresso, subtus deviante, pone aperturam rotundato, deflexo; aperturâ subhorizontali, transversè sinuato-auriformi, plicâ obliquâ parietali et dentibus peristomatis coarctatâ; peristomate candido, reflexo, margine supero impresso, obsoletè dentato, dextro dente distinctiore munito, basi intus transversè calloso.*

Diam. maj. 14, min. 11, alt. 4½ mill.

Hab. — ?



Kelaart, E. F. 1854. "Catalogue of reptiles collected in Ceylon." *The Annals and magazine of natural history; zoology, botany, and geology* 13, 137–140.

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