

admission of all the species quoted from Spix, until I should have an opportunity of examining the animals for myself, especially as his plates are in many cases very doubtful and confused.

Fam. EMYDIDÆ.

Genus. HYDRASPIS.

*Caput* depressum, *rostrum* subacutum; *collum* elongatum, extensile; *sternum* latum immobile; *scutum primum vertebrale* anticè latissimum; *scuta sterni* xiii.

ART. LVII. Characters of the order, families, and genera of the Testudinata. By THOMAS BELL, Esq., F.R.S., L.S., G.S., &c.

Classis. REPTILIA.

Ordo. TESTUDINATA.

*Cor* auriculis binis, *ventriculo* unico biloculari. *Pulmones* separati, *cellulosi*, *abdomini* intrantes. *Os* edentulum, *rostratum*; *maxilla inferior* intra *superiorem* (pyxidi instar) se claudens. *Lingua* lata. *Ventriculus* simplex. *Cæcum* nullum. *Vesica urinaria* maxima. *Membrana tympani* cute communi tecta; *cochlea* nulla. *Penis* simplex *canaliculatus*. *Vagina* simplex. *Ova* plurima *testâ durâ* induta. *Vertebræ colli* 8—9, *mobiles*. *Vertebræ dorsi* 8, quæ cum *costis* atque *sterno* in *testam fornicatam* consolidatæ. *Scapulæ*, *claviculæ*, et *pelvis*, intra *testam osseam* inclusæ. *Pedes* 4. *Cutis* *dorsi sternique* *cornea* vel *coriacea*, *testæ osseæ* agglutinata.

A. Digitata.

Familia 1. TESTUDINIDÆ.

Terrestres. Herbivoræ. *Caput* altum, obtusum; *Maxillæ* *corneæ*, *serratæ*. *Pedes* *squamosi*, *clavati*; *digiti* *indistincti*;

*unguiculi* palmarum 5, plantarum 4, obtusi. *Testa* elevata, gibba, cum sterno maximâ ex parte consolidata, scutis corneis tecta. *Scuta dorsi* 13, *sterni* 12.

Genus 1. TESTUDO. Auct.

*Testa* omnino immobilis. *Pedes* clavati crassi obtusi.

Sp. typ. *T. Græca*. Auct.

Genus 2. PYXIS. Bell.

*Sterni lobus anterior* mobilis. *Pedes* clavati.

Sp. typ. *P. Arachnoides*. Bell, Act. Linn. XV. p. 395.  
t. XVI.

Genus 3. KINIXYS. Bell.

*Dorsi pars posterior* mobilis, parti anteriori ligamento subelastico connexa. *Pedes* subclavati.

Sp. typ. *K. Homeana*. Bell, Act. Linn. XV. p. 400.  
t. XVII.

Familia 2. EMYDIDÆ.

Fluviatiles vel lacustres. Carnivoræ. *Caput* subdepressum. *Pedes* complanati, palmati; *digiti* distincti; *unguiculi* palmarum 5, plantarum (*Hydraspide galeatâ* exceptâ) 4, longi, acuminati. *Testa* depressa, brevi in parte cum sterno connexa, scutis corneis tecta. *Scuta dorsi* 13, *sterni* 12—13.

a. Sterno mobili.

Genus 1. TERRAPENE. Merrem.

*Sternum* bivalve; *valva utraque* eodem axe mobilis; *valva posterior* lobos medium et posteriorem sistens.

Sp. typ. *T. clausa*. Auct.

Genus 2. STERNOTHÆRUS. Bell.

*Sternum* univalve; *lobus anterior* mobilis; *lobi duo posteriores* connexi, immobiles.

Sp. typ. *S. Leachianus*. Zool. Journ. II. p. 206.  
Tab. Supp. XV.

Genus 3. KINOSTERNON. Spix.

*Sternum* bivalve; *lobus medius* fixus, *anterior et posterior* mobiles, ad lobum medium ligamentis articulati. *Scuta marginalia* 23, *sterni* 11.

Sp. typ. *K. longicaudatum*. Spix, Rept. Bras. p. 17.  
t. XII.

b. *Sterno immobili*.

Genus 4. HYDRASPIS. Bell.

*Caput* depressum; *rostrum* subacutum; *collum* elongatum. *Scutum primum vertebrale* latissimum; *scuta sterni* 13.

Sp. typ. *H. galeata*. (*Testudo galeata*. Auct.)

Genus 5. EMYS. Brongn.

*Sternum* latum; *scuta sterni* 12.

Sp. typ. *E. picta*. Auct.

Genus 6. CHELONURA. Fleming.

*Collum* atque *cauda* longissimæ. *Sternum* angustum. *Membra* nunquam intra testam omninò inclusa.

Sp. typ. *C. serpentina*. (*Testudo serpentina*. Auct.)

Genus 7. CHELYS. Dumeril.

*Labia* mollia: *nasus* in rostrum productus; *Collum* fimbriatum.

Sp. typ. *C. fimbriata*. (*Testudo fimbriata*. Auct.)

Familia 3. TRIONYCHIDÆ.

Fluviatiles. Carnivoræ. *Caput* cum *testâ* cute coriaceâ tectum. *Rostrum* productum. *Collum* longissimum, contractile. *Pedes* complanati, digitati, palmati, pentadactyli, triunguiculati. *Sternum* imperfectum. *Cauda* brevis.

Genus unicum. TRIONYX. Geoffr.

Sp. typ. *T. Coromandelicus*. Geoffr.

B. Pinnata.

Familia 4. SPHARGIDÆ.

Marinæ. Herbivoræ. *Caput, membra atque Corpus* cute coriacea tecta. *Scuta cornea* nulla. *Rostrum* corneum; *mandibula superior* emarginata, inferioris apicem recipiens. *Pedes* pinnati.

Genus unicum. SPHARGIS. Merrem.

Sp. un. *S. mercurialis*. Merrem.

Familia 5. CHELONIADÆ.

Marinæ. Herbivoræ. *Caput atque testa* scutis corneis tectæ. *Collum et pedes* squamosi; *rostrum* aquilinum; *mandibula superior* apice uncinato. *Pedes* pinnati.

Genus unicum. CHELONIA. Brongn.

Sp. typ. *Ch. Mydas*. (*Test. Mydas*. Auct.)

ART. LVIII. *Short characters of a few Quadrupeds procured on Capt. Franklin's late Expedition. By JOHN RICHARDSON, M.D., F.R.S., F.L.S., &c.*

1. SOREX FORSTERI, *caudâ (tereti?) longitudine corporis, auriculis brevibus vestitis, dorso xerampelino, ventre murino, dentibus pallidis.*

FORSTER'S SHREW-MOUSE, with a (roundish?) tail as long as the body, short furry ears, back of a clove-brown colour, belly pale yellowish-brown, teeth nearly white.

*Dimens.* Length of head and body  $2\frac{1}{4}$  inches; length of tail  $1\frac{1}{2}$  inch.