

There is a two-lobed oblong muscular scar at the back of the lower edge of that of the anterior adductor. There is also a small deep scar under the front of the umbones.

ANODON PORCIFER. *An. testd ovata, subventricosa, crassa, solidd; anticè convexa, rotundata, posticè producta, porca angulari prope depressionem marginis posticæ; margine inferiore posticè subrotundata; disco nudissimo, iridescenti-margaritaceo; periostracâ lævi, nigrâ viridi radiatim pictâ.*

Hab. in fluviis Paraguayæ.

There is only a single small ovate scar behind the lower end of that of the anterior adductor muscle; the part under the umbones is destitute of any.

Mr. Gray also exhibited specimens of several *Shells*, which he referred to a genus to be separated from *Helix* under the name of

NANINA.

Helix (pars), *Fér.* *Vitrina* (pars), *Quoy.*

Animal. Collare amplum, lobo dextro antico, antro respirationis in sinu posito, lobo sinistro postico lato expanso partem inferiorem testæ anfractûs ultimi tegente. Pes posticè truncatus, processu brevi conico dorsali supra truncaturam sito.

Testa depressa, perforata, polita; aperturâ lunatâ; peristomate tenui, edentulo, costâ internâ vel nullâ vel obsoletâ.

Indiæ, Chinæ, &c. incolæ.

The shells comprised in this genus have been referred by M. De Férussac, and by most authors, to *Helix*: they are, however, more nearly related to *Vitrina*, with which M. Quoy intends placing them. But from the shell of *Vitrina* that of *Nanina* differs by being umbilicated, as well as by its smaller mouth. The lobation of the collar of the animal of *Nanina* distinguishes it also from *Vitrina*; the collar of the latter being entire, with a linear lobe on the side extending over the shell, and with the respiratory hole placed at its base.

The animal was first observed and figured by General Hardwicke in 1797.

The following species belong to the genus:

Nan. Nemorensis. *Hel. Nemorensis, Müll.*

Nan. Javanensis. *Hel. Javanensis, Fér.*

Nan. exilis. *Hel. exilis, Müll.*

Nan. citrina. *Hel. citrina, Linn.*

Var. Hel. castanea, Müll.

Hel. Rapa, Chemn.

Nan. monozonalis. *Hel. monozonalis, Lam.*

Nan. Clairvillia. *Hel. Clairvillia, Fér.*

Nan. Vitrinoides. *Hel. Vitrinoides, Desh.*

NANINA JULIANA. *Nan. testd solidâ, albd; spirâ convexiusculd;*

anfractibus depressis fasciâ medianâ brunnea, ultimo anticè roseo fasciâ brunnea axin cingente; peristomate rotundato, roseo.

Axis 11, diam. 20 lin.

Hab. in Ceylon.

This is one of the most beautiful of the genus. It approaches to *Nan. Javanensis*, but is thicker and larger.

NANINA STRIATA. *Nan. testd solidiusculd, subpellucidâ, albidâ; periostracâ tenui, olivaceâ; spirâ convexiusculd, confertim transversè striatâ; anfractu ultimo anticè sublævi.*

Axis 9, diam. 15 lin.

Mr. Gray also exhibited an extensive series of *Shells* of the

Genus TEREBRA,

forming part of his own collection, and illustrating an account of many new species of that group which he presented.

He stated that the animal has a small foot, and a very long *proboscis*, at the base of which are seated two very small *tentacula*; the *operculum* is ovate, thin, horny, rounded behind, and rather tapering in front. The shell is covered by a very thin, pellucid, horn-coloured *periostraca*: it is usually white, variously streaked with brown, the streaks being often interrupted or broken into spots by the two spiral bands of the shell; one of these bands is placed near the spiral groove and the other on the middle of the whorl. The apex of the cavity is frequently filled up by a calcareous deposition; but this deposition has never been observed in *Ter. duplicata*.

The species may be divided into the following sections:

1. *Anfractibus sulco spirali cingulum posterius efformante; labio inferiore tenui, concavo.*

Obs. Cingulum in junioribus magis conspicuum; labium internum in adultis rarissimè incrassatum.

Huic sectioni referendæ sunt

Ter. maculata, Lam.

Ter. tigrina.—*Buccinum felinum, Dillw.*

Ter. strigata, Sow.—*Buccinum elongatum, Wood, Suppl., f. 22.*

Ter. dimidiata, Lam.

Ter. striatula, Lam.

Ter. flammeo, Lam.

Ter. muscaria, Lam.

Ter. subulata, Lam.

Ter. oculata, Lam.

Ter. crenulata, Lam.

Ter. corrugata, Lam.

Ter. duplicata, Lam.

Ter. pertusa, Sow. Born, Mus., t. 10. f. 13.

Ter. nubeculata, Sow.

Ter. myuros, Lam.

TEREBRA KNORRII. *Ter. testd turritâ, subulatâ, acuminatâ, solidâ,*

polita; anfractibus planis, superioribus transversè sulcatis; alba brunneo interruptè trifasciatà, fascià posteriore latà maculis irregularibus, mediand angustà, anteriore latiore maculis quadratis.

Axis 2½, diam. ¼ unc.

Knorr, Deliciæ, vol. iii. t. 23. f. 3.

This species differs from *Ter. maculata* by being more slender, and by having the front of the whorls spotted. From *Ter. tigrina* it is distinguished by the marbling of the back of the whorls.

TEREBRA AFFINIS. *Ter. testâ turrîtâ, subulatâ, gracili, solidiusculâ; anfractibus planis, transversè punctato-sulcatis, tenuiter spiraliter striatis, sulco spirali posteriore profundo; aperturâ parvâ; albâ nebulis lineisque spiralibus tribus vel quatuor saturatè rufis.*

Axis 1¾ unc.

Var. a. Parva. 1¼ unc.

b. Gracilior. 1 unc.

Allied to *Ter. nubeculata*, but smaller and more slender in its proportions.

TEREBRA RUDIS. *Ter. testâ turrîtâ, subulatâ, longitudinaliter plicatâ, spiraliter sulcatâ, cancellatâ; anfractibus planis, cingulo posteriore convexiusculo, noduloso; aperturâ mediocri; pallidè flavâ, apice flavo.*

Axis 1¼ unc.

TEREBRA STRIATA. *Ter. testâ turrîtâ, subulatâ, gracillimâ, lævi, striis spiralibus distantibus; anfractibus convexiusculis, sulcis curvatis distantibus, cingulo parum noduloso, superioribus profundè sulcatis cinguloque altero albo-noduloso, ultimo anticè striis spiralibus frequentibus; aperturâ minimâ; pallidè brunneâ.*

Axis 1¼ unc.

Resembles *Ter. affinis*, but the grooves are not punctate.

TEREBRA UNULATA. *Ter. testâ turrîtâ, subulatâ, gracillimâ, longitudinaliter undatâ, plicis angularibus lævibus, interstitiis linearibus rufis minutè punctatis; anfractibus planiusculis, serie posticâ tuberculorum alborum majusculorum; aperturâ parvâ; pallidè flavâ.*

Axis 1¼ unc.

TEREBRA ALBA. *Ter. testâ turrîtâ, subulatâ, costis longitudinalibus spiralibusque frequentibus cancellatâ; anfractibus planis, cingulo convexiusculo; aperturâ parvâ; albâ.*

Axis ¾ unc.

TEREBRA FLAVA. *Ter. testâ turrîtâ, ovato-subulatâ, longitudinaliter plicatâ plicis frequentibus æqualibus, striis spiralibus frequentibus punctatis; anfractibus planis, cingulo convexiusculo; pallidè flavâ.*

Axis 1 unc.

Var. Subulata, gracilis, costis longitudinalibus magis acutis.

TEREBRA PUNCTATOSTRIATA. *Ter. testâ turrîtâ, subulatâ, gracili, tenui, lævi, striis spiralibus distantibus punctatis, sulco spirali posteriore profundiore; anfractibus convexiusculis, ad suturam subcrenulatis, superioribus profundè punctatis; aperturâ angustâ; pallidè rufo-flavâ.*

Axis 2¾ unc.

TEREBRA GRACILIS. *Ter. testâ turrîtâ, lineari-subulatâ, pellucidâ, lævi, politâ, tenuiter spiraliter striatâ, plicis longitudinalibus distantibus; anfractibus subplanis, sulco posteriore profundo; cinerè, anfractu ultimo anticè purpureo.*

Axis 1 unc.

Hab. ad Africæ oras.

TEREBRA TESSELLATA. *Ter. testâ turrîtâ, subulatâ, lævi; anfractibus planis, cingulo convexo noduloso albo, superioribus cingulo altero etiam noduloso; albâ brunneo interruptè trifasciatâ, maculis æqualibus quadratis.*

Axis (an junioris?) 1 unc.

This differs from all the other spotted species by the hinder belt being destitute of spots: the belt is also more nodulose than in the other species which are marked with spots.

TEREBRA VARIEGATA. *Ter. testâ turrîtâ, subulatâ, costis spiralibus vix prominentibus parum nodulosis; anfractibus planis; albâ vel viridescente, seriebus tribus macularum brunnearum, maculis posterioribus quadratis inter cinguli nodulos compressos, cæteris oblongis transversis.*

Axis 2¾ unc.

Var. Pellucida, albida brunneo maculata, nodulis albis opacis.

TEREBRA PLICATA. *Ter. testâ turrîtâ, ovato-subulatâ, tenui, tenuiter spiraliter striatâ, costis longitudinalibus undatis albis subdistantibus; anfractibus planis, cingulo subelevato costato, suturâ crenulatâ; aperturâ mediocri; pallidè brunneâ.*

TEREBRA PUNCTATA. *Ter. testâ turrîtâ, subulatâ, gracili, acuminatâ, lævi; anfractibus planis, cingulo subangusto noduloso, superioribus cingulo altero etiam noduloso; aperturâ parvâ; pallidè flavescente, seriebus quatuor macularum brunnearum parvarum in strigas aliquando confluentium.*

TEREBRA LÆVIGATA. *Ter. testâ turrîtâ, subulatâ, gracillimâ, tenui, lævi, tenuissimè striatâ; anfractibus planis, in medio subcarinatis, cingulo lævi subelevato porcâ carinatâ utrinque aucto; anfractu ultimo haud carinato; aperturâ minimâ; albidâ.*

Axis 1¼ unc.

TEREBRA LÆVIS. *Ter. testâ turrîtâ, subulatâ, lævi; anfractibus subconcavis, in medio subcarinatis, superioribus transversè sul-*

catis, cingulo albo opaco angusto lævi sulco subprofundo anticè porcâque angustissimâ carinatâ posticè aucto; albâ flavescente variâ.

Axis $1\frac{1}{4}$ unc.

II. *Anfractibus sulco spirali cingulum posterius efformante; labio interiore incrassato subelevato.*

Obs. Quoad aperturam *Cerithia* quodammodo simulant.

Huic sectioni referendæ sunt

Ter. cerithina, Lam.

Ter. tricolor, Sow.—*Ter. tæniolata*, Quoy, cui proprii sunt in super sulcum cingulum efformantem sulci alii spirales duo.

TEREBRA ANOMALA. *Ter. testâ turrîtâ, subulatâ, lævi, politâ; anfractibus planis, sulco spirali postico profundo crenato, posticè longitudinaliter plicatis; aperturâ anticè subeffusâ, posticè angustatâ acutissimâ, labio interiore præsertim posticè incrassato; albâ, fasciâ latissimâ subposticâ alterâque angustiore anticâ cinereis vel brunneis, apice acutissimo brunneo.*

Axis $1\frac{1}{4}$ unc.

TEREBRA ORNATA. *Ter. testâ turrîtâ, ovato-subulatâ, solidâ; anfractibus planis, sulco spirali posteriore profundo, cingulo convexo subnoduloso; aperturâ ovalâ, labio interiore subincrassato declivi; albâ, seriebus quatuor macularum parvarum brunnearum quadratarum, serierum intermediarum maculis nonnquam in strigas oblongas confluentibus.*

Axis 4 unc.

TEREBRA CANCELATA. *Ter. testâ turrîtâ, subulatâ, sulcis spiralibus frequentibus profundis, plicis longitudinalibus æqualibus subconfertis; anfractibus planis, sulco posteriore profundo; aperturâ subparvâ, labio interiore incrassato elevato; pallidè cinereâ.*

Axis $1\frac{3}{4}$ unc.

TEREBRA STRAMINEA. *Ter. testâ turrîtâ, subulatâ, subrugosâ, spiraliter confertim sulcatâ; anfractibus subplanis, cingulo postico subelevato obliquè transversim sulcato alteroque nodulorum magis rotundorum; aperturâ parvâ, labio interiore posticè subcalloso; flavescente.*

Axis $2\frac{1}{2}$ unc.

TEREBRA TRISERIATA. *Ter. testâ turrîtâ, subulatâ, gracillimâ, subcylindricâ, costis spiralibus subgranulosis confertis; cingulo postico convexo noduloso, ante hoc altero subangustiore, et tertio minore pone; aperturâ minimâ, labio interiore subincrassato; pallidè flavescente.*

Axis $1\frac{1}{4}$ unc.

III. *Anfractibus sulco postico nullo.*

* *Labio interiore tenui.*

a. *Testâ elongatâ, gracili.*

Ter. lanceolata, Lam.

Ter. strigillata, Lam.

Ter. hastata, Lam.—*Ter. costata*, Mæench.

TEREBRA ALBIDA. *Ter. testâ turrîtâ, ovato-subulatâ, acuminatâ, lævi; anfractibus planis, suturâ subimpressâ; pallidè flavescenti-albidâ.*

Axis $1\frac{1}{4}$ unc.

b. *Testâ brevi.*

Ter. aciculata.—*Buccinum aciculatum*, Lam.

Ter. polita.—*Buccinum politum*, Lam.

** *Labio interiore incrassato, elevato; testâ brevi.*

Obs. *Nassæ* quodammodo affines; sed neque labium internum dilatatum, nec externum incrassatum.

Ter. lineolata, Sow. Wood, Suppl., f. 22.

Ter. Tahitensis.—*Buccinum Tahitense*, Gmel.—*Buccinum Australe*, Sow.

Mr. Gray concluded by stating that specimens of all the species of *Terebra* enumerated by him are contained either in his private collection or in the British Museum.

Mr. Gray also exhibited an extensive series of *land* and *fresh-water Shells* which he regarded as hitherto undescribed. He characterized them as follows:

HELICOPHANTA FALCONERI, Reeve, MSS. *Hel. testâ ovatâ, tenui, vesiculari, profundè umbilicatâ; pallidè brunneâ, fasciis maculisque prope suturam saturatioribus; apice obtuso; anfractibus quatuor convexis, ultimo anticè declivi; umbilico magno, compresso; peristomate simplici, fauce albâ.*

Hab. in Novâ Hollandiâ.

This species is very nearly allied to *Hel. magnifica*, Fér., Moll., t. 10. f. 10, but differs in being much more umbilicated and ventricose, having a greater number of whorls, and being deeper coloured.

ZONITES WALKERI. *Zon. testâ depressâ, umbilicatâ, politâ, flavo-brunneâ; anfractibus $3\frac{1}{2}$ citissimè majoribus, ventricosis, tenuiter concentricè striatis; dorso striis densis spiralibus; umbilico profundo; aperturâ magnâ, fauce albâ.*

Axis 8 lin., diam. 1 unc.

Hab. in Novâ Hollandiâ, 70 millia passuum circiter a Fort Macquarrie.

This species is allied in form and size to *Zon. fuliginosus* of North