

been deservedly commemorated by its employment as a designation for this most distinct and elegant little species, which, with the same sculpture, size, and general features as *C. Lyonnese-tianum*, yet differs from it markedly in its exactly trochiform, shorter, or more broadly conical shape, with a flat or flattened base, sharp keel, shorter, less pyramidal, straighter-sided spire, and flatter volutions : resembling a miniature *Trochus Niloticus* or *zizyphinus*, L. The colour is, in one example, pale straw, with spiral bands of dark fasciated hair-like lines; in another very dark brown, with narrow spiral yellowish- or greenish-white lines; and the third is uniform plain coffee-brown,—the flattened base, except the keel, being in all three of the latter colour.

Lea Rectory, July 12, 1860.

XXI.—*Mollusca Japonica* : New Species of *Aclis*, *Ebala*, *Dunkeria*, &c. By ARTHUR ADAMS, F.L.S. &c.

THE genus *Aclis* of Lovén should, I believe, be distributed into four genera :—*Aclis*, or those “cingulis elevatis acutis obducti;” *Ebala*, Gray, of which *A. nitidissima* is the type; *Hyala*, H. & A. Adams, of which *A. unica* is an example; and *Dunkeria* of Carpenter, which has cancellated whorls, and is neither an *Aclis* nor a *Turbonilla*. I here indicate four species of *Aclis*, two of *Ebala*, and three of *Dunkeria*, all of which I believe to be new.

I add a notice of a very elegant little shell, which appears to me to be a subgenus of *Scala*, and different from the *Aciona* of Mörch, which is founded on *Scalardia borealis*, Beck (= *S. Eschrichtii*, Hold. & Möll. = *S. undulata*, Sow.), a species of which I obtained on the coast of Manchuria. I also add descriptions of a fourth species of *Isapis*, H. & A. Adams, and one of *Cranopsis*, A. Adams.

Genus ACLIS, Lovén.

Testa turrita, rimata; anfractus numerosi, cingulis elevatis acutis obducti. Apertura ovalis.

Aclis labiata, A. Adams.

A. testa turrita, rimata, alba; anfractibus $7\frac{1}{2}$, convexis, cingulis tribus acutis prominentibus, in anfractu ultimo quatuor, interstitiis simplicibus, profundis; apertura ovali, expansa; labio simplici; labro expanso, antice subreflexo, margine integro, arcuato.

Hab. Off Mino-Sima; 63 fathoms.

Aclis cingulata, A. Adams.

A. testa turrita, rimata, alba; anfractibus $6\frac{1}{2}$, convexis, cingulis duobus acutis prominentibus, tribus in anfra ctu ultimo, interstitiis

simplicibus profundis; suturis impressis; apertura rotundato-ovali; labio simplici; labro producto et arcuato.

Hab. Off Mino-Sima; 63 fathoms.

Aclis lirata, A. Adams.

A. testa turrita, rimata, perforata, gracili, alba; anfractibus 13, convexis, lirulis transversis, subobsoletis obductis; apertura rotundato-ovali; labio simplici; labro acuto, integro.

Hab. Off Mino-Sima; 63 fathoms.

Aclis sulcata, A. Adams.

A. testa turrito-conica, anguste umbilicata, alba; anfractibus $4\frac{1}{2}$, tumidis, transversim valde sulcatis, sulcis quatuor, cingulis quatuor alternantibus, in anfractu ultimo circiter octo; apertura rotundato-ovali; labio simplici; labro margine recto, acuto, integro.

Hab. Mino-Sima; 63 fathoms.

Genus EBALA, Gray.

Testa elongato-turrita, gracilis, imperforata, lævis, subpellucida; anfractus numerosi. Apertura ovalis; labio rectiusculo, superne tortuoso, non plicato; labro acuto, margine recto.

Ebala virginea, A. Adams.

E. testa imperforata, turrita, gracili, alba, nitida; anfractibus $11\frac{1}{2}$, convexiusculis, ad suturas rotundatis; apertura ovali; labio rectiusculo, superne tortuoso; labro simplici acuto.

Hab. Off Mino-Sima; 63 fathoms.

Ebala vestalis, A. Adams.

E. testa imperforata, turrita, gracili, alba, nitida; anfractibus $11\frac{1}{2}$, planiusculis, lævibus; ad suturas angulatis; apertura ovali; labio rectiusculo, superne tortuoso; labro simpliciter acuto.

Hab. Off Mino-Sima; 63 fathoms.

Genus DUNKERIA, Carpenter.

Testa elongato-turrita, imperforata; anfractus numerosi, cancellati. Apertura ovalis; labio arcuato, simplici; labro margine crenato.

Dunkeria fusca, A. Adams.

D. testa turrita, imperforata, fusca aut rufo-fusca; anfractibus $8\frac{1}{2}$, tumidis, liris circiter tribus, in anfractu ultimo plurimis, spirali-bus et costellis longitudinalibus clathratis; apertura ovali; labio arcuato; labro margine crenulato.

Hab. Tabu-Sima, Sea of Japan; 25 fathoms.

Dunkeria asperulata, A. Adams. B.M. 1878.1.28.176

D. testa turrita, albida, imperforata; anfractibus $7\frac{1}{2}$, convexis, cin-

gulis tribus transversis prominentibus et costellis longitudinalibus clathratis, costellis ad cingulos tuberculis acutis asperulatis; anfractu ultimo cingulis quatuor et aliis basalibus minoribus instructo; apertura ovali; labio simplici, labro margine valde crenato.

Hab. Off Mino-Sima, Korea Strait; 63 fathoms.

B.M. 1878.1.28.329 *Dunkeria pulchella*, A. Adams.

D. testa turrita, sordide alba, imperforata; anfractibus $7\frac{1}{2}$, convexis, cancellatis, cingulis quatuor tenuibus transversis, et liris lamellosis longitudinalibus numerosis ad cingula crenatis, anfractu ultimo cingulis quinque circumcincto; apertura ovali; labio simplici; labro margine crenulato.

Hab. Off Mino-Sima; 63 fathoms.

I have not described the nucleolar whorls of these shells, as they appeared to me in each case to be very similar; nor have I recorded any broken fragments of others, which were numerous.

Genus SCALA, Klein.

Subgenus SCALIOLA, A. Adams.

Testa turrita, umbilicata; anfractus simplices, ultimus solutus. Apertura circularis, peritremate continuo, recto, margine acuto.

M 1878.1.28.586 *Scaliola bella*, A. Adams.

S. testa turrita, umbilicata, alba; anfractibus $7\frac{1}{2}$, rotundatis, simplicibus, ultimo soluto; suturis profundis; apertura circulari, peritremate continuo, recto, margine acuto.

Hab. Sea of Japan; off Tabu-Sima; 25 fathoms.

Genus ISAPIS, H. & A. Adams.

Isapis lirata, A. Adams.

I. testa ovoidea, pallide fusca, rimata, solida, liris transversis, validis, interstitiis simplicibus ornata; anfractibus 3, ultimo magno, ovato; apertura oblonga, antice acuminata, subreflexa; labio crasso, arcuato, in medio dente acuto instructo; labro intus lævi.

Hab. Off Mino-Sima; 63 fathoms.

This genus is quite distinct from *Leucotina*, which is thin and has an oblique fold on the columellar lip, and not a distinct tooth as in *Isapis*.

Isapis now numbers four species: namely *anomala*, C. B. Adams; *maculosa*, Carp.; *ovoidea* (*Narica*), Gould; and *lirata*, A. Adams.

Cranopsis pileolus, A. Adams.

C. testa ovali, compressa, pileiformi, apice postice recurvo, revoluta,

subspirali, ad marginem posticam inclinato; superficie liris radiantibus, interstitiis anguste clathratis, sculpta; fissura lineari, intus supra concamerata, extus lamellis lateralibus elevatis instructa; apertura angusta, oblongo-ovali, margine crenulato, postice expanso, reflexo.

Hab. Straits of Korea; 63 fathoms.

This species is smaller than *C. Pelex*, A. Adams, and is laterally compressed; and the vertex is subspiral, and posteriorly deflexed so as nearly to reach the hinder margin. The interstices of the radiating ribs or liræ are crossed by transverse or concentric bars placed close together, so as to produce a narrowly clathrate style of sculpture. Many specimens were obtained, all of the same size and character, in company with young and old specimens of *Emarginula*. When in the young state, the fissure extends as far as the front edge; and when very young, these shells resemble, in respect of the emarginate aperture, species of *Emarginula*.

Shanghai, Feb. 1, 1860.

XXII.—*A Synoptical List of the British Species of Teredo, with a Notice of the Exotic Species.* By J. GWYN JEFFREYS, Esq., F.R.S.

TEREDO *Auctorum.*

A. *Having simple pallets* (claustra, operculi vice fungentia—"opercula," *Lovén*).

1. *T. Norvagica*, Spengler.

Bruma delle navi, Vallisnieri.

T. navium, Sellius.

T. navalis, Montagu, and all other British conchologists except Forbes and Hanley.

Fistulana corniformis, Lamarck.

T. nigra, Blainville.

T. Bruguierii, Delle Chiaje.

T. Deshailii, Quatrefages.

T. fatalis, ej.

T. Senegalensis, Laurent.

Var. *T. divaricata*, Fischer.

HABITAT: Channel Isles, in submerged wood (Lukis); Budleigh Salterton, Devonshire, in the timbers of a steamer which was wrecked between two and three years ago, and is now partly uncovered at very low tides (Barlee).

2. *T. megotara* †, Hanley.

Bruma dell' oceano, Vallisnieri.

T. oceani, Sellius.

T. dilatata, Stimpson.

HABITAT: in floating wood thrown up on the coast; Swansea



Adams, Arthur. 1860. "XXI.—Mollusca Japonica: New species of Aclis, Ebala, Dunkeria, &c." *The Annals and magazine of natural history; zoology, botany, and geology* 6, 118–121.

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