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little more than half as long as the inner toe; a very distinct outer metatarsal tubercle. Skin slightly warty; glandular lateral fold not very prominent. Brown above, with blackish spots on the back and flanks; a canthal band, a large temporal spot, a streak bordering the upper lip, an elongate spot on the inner side of the humerus, a large V-shaped mark between the eyes, a \wedge -shaped mark on suprascapular region, and regular cross bars on the limbs, blackish; lower surface whitish (in spirit), the sides of the throat dotted with blackish. Male with two internal vocal sacs.

The vomerine teeth, in the unique specimen, are rather indistinct, but resemble those of *R. temporaria*.

	millim.
From snout to vent	58
Head	20
Width of head	22
From eye to nostril	4
From nostril to end of snout	4
Diameter of the eye	6
Interorbital space	2.5
Diameter of the tympanum	4
From eye to tympanum	2
Fore limb	36
Hand	15
Hind limb	116
Tibia	36
Foot	33
First toe	6.5
Inner metatarsal tubercle	3.5

4. On five new Species of Shells of the Genus *Buliminus* from the Levant, collected by Vice-Admiral T. Spratt. By Dr. O. BOETTGER.

[Received December 4, 1884.]

The shells now described were collected under the same circumstances as those described by me in a former paper, published in the Society's 'Proceedings' for 1883 (p. 324).

1. *BULIMINUS* (*MASTUS*) *UNIUS*, n. sp.

Char. *Differt a* *Bul. pusio*, Brod., *t. majore, anfr. 6 nec 5½ striatulis, striis ad suturam non impressis, apert. tuberculo angulari transverso distinctissimo instructa et columella distinctius plicato-torta.*

Alt. 13, *diam. min.* $7\frac{1}{4}$, *maj.* 8 mm.; *alt. apert.* $6\frac{1}{2}$, *lat. apert.* $5\frac{1}{2}$ mm.

Hab. Unia insulam.

Obs. Simillimus *Bul. (Mastus) pusio*, Brod., insularum Syra, Tino

et Syphanto, sed ob tuberculum angulare distinctum gregi speciali *Bul.* (*Mastus*) *pupa*, Brug., adjungendus.

Fig. 1.

*Buliminus unius.*

2. BULIMINUS (ZEBRINA) CÆSIUS, n. sp.

Statura *Bul.* *dardani*, P., sed multo minor, colore *Bul.* *syriaci*, P.—
T. *profunde rimata*, *clavato-turrita*, *tenuis*, *cæruleo-alba*, *hic illic strigis punctisque griseis ornata*, *anfr.* *tribus superis corneoluteis*; *spira cornico-turrita*, *ad latera vix convexa*; *apex modice acutus*. *Anfr.* *7–8 perparum convexi, sæpe paululum subimbricati*, *sutura impressa submarginata disjuncti*, *irregulariter striatuli*, *striis valde obliquis*, *ultimus sub medio fere subangulatus*, *deorsum vix attenuatus*, *ad aperturam non*

Fig. 2.

*Buliminus cæsius.*

ascendens, $\frac{1}{3}$ *altitudinis æquans*. *Apert.* *ovata*, *intus dilute fuscula*; *perist.* *acutum*, *vix expansum*, *aut non aut vix remote sublabiatum*, *marginibus valde approximatis*, *callo tenuissimo junctis*, *dextro bene arcuato*, *columellari reflexiusculo*; *columella subtorta vel oblique subplicata*.

Alt. 15, *diam.* $5\frac{1}{2}$ mm.; *alt. apert.* $5\frac{1}{2}$, *lat. apert.* 4 mm. (Spratt).

Alt. $18\frac{4}{5}$, *diam.* $6\frac{2}{3}$ mm.; *alt. apert.* $6\frac{1}{2}$, *lat. apert.* $4\frac{2}{3}$ mm.

(O. Goldfuss).

Hab. ? Græciam (T. Spratt); Smyrnam (O. Goldfuss).

Obs. Species nostra, sæpe pro *Bul.* *syriaco*, P., in collectionibus

observanda, differt ab hoc spira exacte conico-turrita, perist. non expanso nec callose labiato.

3. *BULIMINUS* (*MASTUS*) *MILENSIS*, n. sp.

Species e grege *Bul. pusio*, *Brod.*, et *pseudogastrum*, *Hesse*, *insulæ Syracæ*, nec non *etuberculati*, *Frauenfld.*, *insulæ Andri*, sed his omnibus multo major, maxime cylindrata et minus distincte striata.—*T.* breviter sed profunde rimata, conico-oblonga, solidula, epidermide nitida, lutea, strigis obsoletis olivaceo-fuscis ornata induta; spira convexo-conica; apex acutiusculus. *Anfr.* 7 vix convexiusculi, sutura lineari, crenulata et fere submarginata disjuncti, obsolete striatuli, striis ad suturam paulo distinctioribus, ad basin hic illic spiraliter lineolati, ultimus $\frac{2}{5}$ altitudinis æquans. *Apert.* parva, truncato-ovalis, superne et inferne angulata; perist. albolabiatum, marginibus late distantibus, callo distincto junctis, dextro longo, ad suturam breviter subsinuato, parum curvato, columellari brevi, subreflexo; columella recta, planata. Tuberculum angulare nullum.

Alt. $18\frac{1}{2}$, *diam. maj.* 8, *minor* $7\frac{1}{2}$ mm.; *alt. apert.* fere $7\frac{1}{4}$, *lat. apert.* $5\frac{1}{2}$ mm. (*Spratt*).

Hab. insulam Milo.

Fig. 3.



Buliminus milensis.

4. *BULIMINUS* (*ENA*) *STOKESI*, n. sp.

Char. Species maxime aff. *Bul. caucasio*, *Pfr.*, sed spira exacte turrita nec convexo-turrita, colore pallidiore, obsolete strigata.—*T.* breviter rimata, turrita, solidula, nitidula, corneo-albida, hic illic obscurius luteo strigata; spira exacte turrita; apex obtusus, obscurius luteus. *Anfr.* 8 convexiusculi, medii fere plani, lente accrescentes, sutura impressa submarginata disjuncti, striatuli, superiores pro latitudine testæ alti, ultimus major, basi tumidulus, $\frac{2}{5}$ altitudinis subæquans. *Apert.* subrecta, acuminato-ovata, faucibus fuscule; perist. tenue, albolabiatum, marginibus subexpansis, dextro ad suturam parum arcuato, columellari subreflexo; columella subconca, superne sat distincte contortoplicata.

Alt. $17\frac{1}{2}$, *diam. min.* $5\frac{3}{4}$, *maj.* 7 mm.; *alt. apert.* 6, *lat. apert.* 4 mm.

Hab. Amorgo insulam.

Obs. Specimen unicum solum vidi mortuum.

Fig. 4.

*Buliminus stokesi.*

5. BULIMINUS (ENA) CARPATHIUS, n. sp.

Char. Differt a præcedente t. fere perforato-rimata, oblongo-turrita, corneo-lutea, hic illic fuscule strigata, spira convexo-turrita, anfr. 7 distincte convexioribus, celerius accrescentibus,

Fig. 5.

*Buliminus carpathius.*

sutura magis impressa disjunctis, rugulosc-striatis, striis multo distinctioribus, apert. magis obliqua, late acuminato-ovata, perist. simplici, acuto, non labiato, margine columellari prope rimam reflexo, perforationem semitegente.

Alt. 14, diam. min. $4\frac{1}{2}$, maj. $5\frac{1}{2}$ mm.; alt. apert. 5, lat. apert. $3\frac{1}{2}$ mm.

Hab. Karpatho insulam.

Obs. Affinis etiam *Bul. (Enæ) subtili*, Rssm., Cattaroensi, sed t. magis conico-turrita nec fusiformi-turrita et apert. nullomodo labiata.

5. On a new Land-Shell from the New Hebrides.

By JOHN H. THOMSON, C.M.Z.S.

[Received December 5, 1884.]

A shell, of which I can find no published description, was sent me in a package of rare shells collected on the island of Vate, New Hebrides, by Edgar Leopold Layard, Esq., F.Z.S., H.B.M. Consul at Noumea, New Caledonia. Its appearance is at first strikingly similar to that of the North-American *Hyalina arborea*, Say, except as regards