

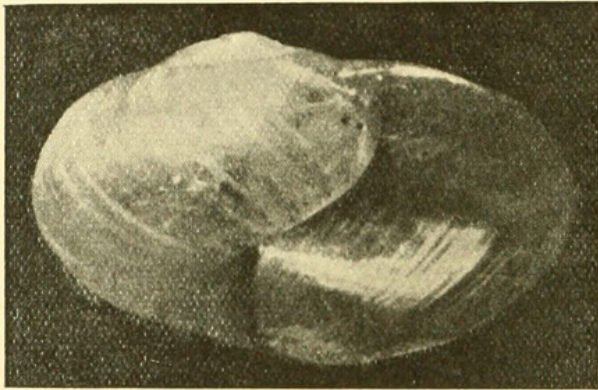
DESCRIPTIONS OF NEW HELICOID SHELLS FROM CAPE COLONY.

By H. B. PRESTON, F.Z.S.

Read 8th December, 1911.

HELICARION COXI, n.sp.

Shell small, vitreous, very thin, transparent, shining, semi-orbicular, not very depressed, very pale greenish; whorls $2\frac{1}{2}$, rapidly increasing, the last large, inflated, smooth; suture impressed, rather narrowly margined below; base of shell inflated; columella descending

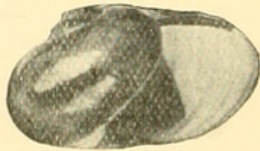


in a gentle curve; labrum simple, acute, projecting in front, receding below; aperture dilated below, broadly sub-lunate. Alt. 3.5 mm.; diam. maj. 6.5, min. 5 mm. Aperture: alt. 4, diam. 3 mm.

Hab.—Knysna Forest, Cape Colony.

HELICARION KNYSNAENSIS, n.sp.

Shell thin, semi-transparent, shining, pale greenish yellow, depressedly turbinate; whorls $3\frac{1}{2}$, rapidly increasing, the last large but not dilated in front, smooth; suture impressed, narrowly margined below; base of shell rather inflated and malleatedly wrinkled;



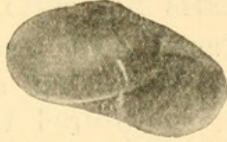
columella descending in an oblique curve; labrum projecting in front, receding behind; aperture depressedly and broadly sub-lunate. Alt. 9 mm.; diam. maj. 13.73, min. 11.25 mm. Aperture: alt. 7.75, diam. 7 mm.

Hab.—Knysna Forest, Cape Colony.

The wrinkles on the base of the shell are only visible with the aid of a microscope.

NATALINA LILIACEA, n.sp.

Shell moderately thin, very depressedly turbinate, yellowish brown above, shading to straw-colour round the umbilical area, somewhat shining; whorls $3\frac{1}{2}$, rapidly increasing, sculptured with closely set, coarse, transverse, arcuate striae which become obsolete on the base of the shell; base of shell somewhat flattened; suture impressed; umbilicus rather wide, deep; columella descending



obliquely, angled below; labrum pinkish, thickened but scarcely reflexed, projecting in front, receding below, a light but well-defined yellowish callus uniting it with the columella; aperture irregularly ovate; interior of shell lilac-coloured. Alt. 16.5 mm.; diam. maj. 20, min. 15 mm. Aperture: alt. 9, diam. 10 mm.

Hab.—Knysna Forest, Cape Colony.

ZINGIS PERLEVIS, n.sp.

Shell thin, depressedly suborbicular, pale yellowish flesh-colour, shining; whorls 4, the first three regularly increasing, the last large, quite smooth; sutures impressed, narrowly margined below; perforation extremely narrow, almost concealed by the narrow reflexion of

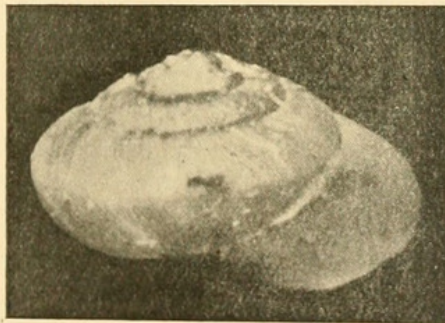


the columella; columella reflexed above, descending in a gentle curve; labrum thin, membranaceous; aperture broadly sub-lunate. Alt. 6.5 mm.; diam. maj. 12, min. 10 mm. Aperture: alt. 6, diam. 6 mm.

Hab.—Knysna Forest, Cape Colony.

TRACHYCYSTIS KNYSNAENSIS, n.sp.

Shell small, perforate, depressedly turbinate, brownish flesh-colour; whorls $4\frac{1}{2}$, regularly increasing, the last obtusely carinate at the



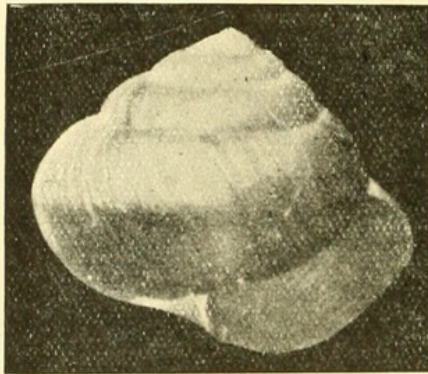
periphery, sculptured with closely set, somewhat wavy, spiral striae, crossed by coarse, arcuate, transverse, membranaceous riblets,

occasionally terminating in a short bristle; suture impressed; umbilicus narrow, deep; columella outwardly expanded above, descending in an oblique curve, extending into a light, whitish callus which joins the upper margin of the labrum; labrum simple, acute; aperture obliquely sub-lunate. Alt. 2.5 mm.; diam. maj. 4.5, min. 4 mm. Aperture: alt. 1.75, diam. 1.75 mm.

Hab.—Knysna Forest, Cape Colony.

TRACHYCYSTIS MICROSTRIATA, n.sp.

Shell imperforate, turbinate, thin, semi-transparent, very pale yellowish brown; whorls $4\frac{1}{2}$, somewhat shouldered above, regularly increasing, the last convex, sculptured throughout with very fine, closely set, arcuate, transverse striæ, crossed by extremely fine, spiral striæ, these latter being visible only under the microscope; suture

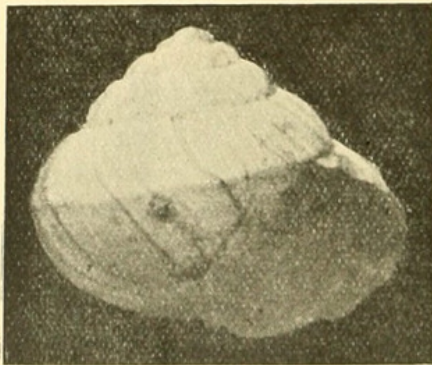


impressed, very narrowly margined above; columella white, almost vertically descending above, then angled and very obliquely descending below; labrum simple; aperture broadly sub-lunate. Alt. 3 mm.; diam. maj. 4.5, min. 4 mm. Aperture: alt. 2.5, diam. 1.75 mm.

Hab.—Knysna Forest, Cape Colony.

TRACHYCYSTIS COXI, n.sp.

Shell closely allied to *Trachycystis microstriata*, but of a pale flesh-colour, marked with dark, radiate, transverse bands; the upper whorls are rather flattened, not shouldered above, and the sculpture differs



entirely in the present species, the transverse striæ being much finer and the spirals very much coarser than in *T. microstriata*. Alt. 3.25 mm.; diam. maj. 4.5, min. 3.5 mm. Aperture: alt. 2, diam. 1.75 mm.

Hab.—Knysna Forest, Cape Colony.



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