

DESCRIPTIONS OF FIVE NEW SPECIES OF *LIMICOLARIA*  
FROM BRITISH EAST AFRICA.

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*Read 12th April, 1912.*

*LIMICOLARIA ALHIENSIS*, n.sp.

Shell cylindrically fusiform, thin, semi-transparent, yellowish cream-colour, painted with transverse, narrow bands and flame markings of reddish purple; whorls 7, not very convex, the upper whorls finely decussately sculptured, the sculpture becoming obsolete on the later whorls, the lower portion of the sixth and seventh being quite smooth; suture impressed, slightly crenellate, very narrowly margined below with white; perforation very narrow, almost concealed



by the reflection of the columella; columella whitish, granular, nearly vertically descending above, somewhat obliquely descending below, diffused above into a very thin, minutely granular parietal callus; labrum thin, simple; aperture rather elongately inversely auriform; interior of shell faintly bluish, showing the transverse colour markings through the test. Alt. 37.75, diam. maj. 16.5 mm.; aperture, alt. 15.5, diam. 6.5 mm.

*Hab.*—Alhi Plains, British East Africa (A. Blayney Percival).

Var. *OVATA*, n.var.

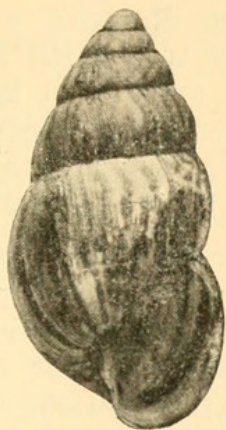
Shell differing from the typical form in its shorter and broader shape and in having a slightly less vertically descending columella. Alt. 33, diam. maj. 17 mm.; aperture, alt. 15.25, diam. 6.75 mm.

*Hab.*—Alhi Plains, British East Africa (A. Blayney Percival).

*LIMICOLARIA NAKURUANA*, n.sp.

Shell rather shortly and acuminate cylindrical, with rather obtuse apex, moderately solid, yellowish white, painted with irregular, transverse, zigzag bands and streaks of purplish chestnut; whorls 7, marked with coarse growth-lines, and decussately sculptured, the sculpture becoming obsolete on the last whorl; suture impressed,

somewhat crenellate with the lines of growth; columella vertically descending, reflexed over the very narrow perforation; labrum acute;



aperture inversely auriform. Alt. 35 mm.; diam. maj. 18, min. 16 mm.; aperture, alt. 14, diam. 8 mm.

*Hab.*—Nakuru, British East Africa (Robin Kemp).

*LIMICOLARIA NYIROENSIS*, n.sp.

Shell cylindrically fusiform, with obtuse apex, dark yellowish flesh-colour, stained and painted on the later whorls with broad, flame-like, transverse bands of blackish purple; whorls  $6\frac{1}{2}$ , slightly convex, rather rapidly increasing, somewhat coarsely decussately sculptured, except on the lower half of the last whorl, where, but



for coarse, transverse, closely set growth-lines, the surface is smooth; suture impressed, narrowly margined with cream-colour below; umbilicus narrow, deep, half concealed by the outward expansion and reflection of the columella; columella livid, descending in a very slight curve, labrum simple, acute; aperture rather squarely inversely auriform; interior of shell blue, edged with a band of dark purple about three millimetres broad behind the labrum. Alt. 49.5, diam. 22.75 mm.; aperture, alt. 21, diam. 11 mm.



*Hab.*—Mount Nyiro, to the south of Lake Rudolph, at an altitude of 8,300 feet (A. Blayney Percival).

Mr. Percival also collected this species between Eusso Nyiro and the southern slopes of Mount Marsabit, while he also took a single specimen, which agrees very well with the type, on the northern slopes of that mountain; it appears to be somewhat variable both in general shape and also in colour, some specimens being somewhat less obese than others, while the colour varies from olive brown with scarcely any signs of transverse banding to that of the type-specimen.

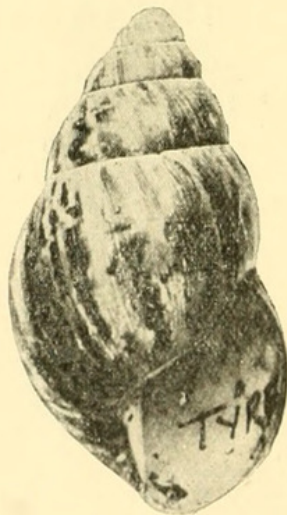
Var. FLAVIDA, n.var.

Shell differing from the typical form in being of a uniform pale yellowish brown colour, without darker markings of any kind, the columella is rather more curved, and the aperture is proportionately somewhat shorter and more oblique; the interior of the shell is pale lilac without any other colouring. Alt. 47, diam. maj. 21.5 mm.; aperture, alt. 19, diam. 11.75 mm.

*Hab.*—Northern slopes of Mount Marsabit, British East Africa, at an altitude of 4,600 feet (A. Blayney Percival).

LIMICOLARIA (REBMANNIELLA) PERCURTA, n.sp.

Shell rimate, ovate, light yellowish, painted with blotches, transverse streaks and flame-markings of dark purple; whorls  $6\frac{1}{4}$ , the last somewhat inflated, sculptured with oblique, transverse ridges crossed by spiral striæ, thus presenting a moderately finely decussate appearance, this sculpture becoming obsolete towards the base of the shell, which is marked only with fine, wavy, spiral, incised striæ;



suture impressed, irregular, crenellate, narrowly margined below; perforation reduced to a narrow fissure by the reflexion of the columella; columella curved, narrowly outwardly bent and reflexed, extending above into a thin, well-defined callus which enters the aperture a short distance behind the upper margin of the labrum;

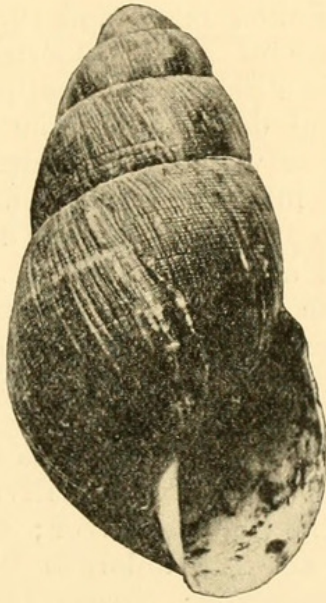


labrum acute, simple; aperture inversely auriform; interior of shell pale bluish lilac, the transverse flame-markings being visible through the test. Alt. 45.5 mm.; diam. maj. 24.75, min. 22.5 mm.; aperture, alt. 23, diam. 12 mm.

*Hab.*—Between the Igembi Hills and Nyeri, British East Africa (Robin Kemp).

LIMICOLARIA (REBMANNIELLA) PEROBTUSA, n.sp.

Shell rimate, ovately fusiform, with extremely obtuse apex, the earlier whorls pale flesh-coloured, the median whorls yellow, stained here and there with chestnut and painted with blotches and transverse flame-markings of livid, blackish purple, the last whorl shading below to reddish chestnut; whorls  $6\frac{1}{2}$ , regularly increasing, the last convex below, coarsely granulate throughout; suture impressed, irregularly crenellate, narrowly margined below with white or pale yellow; columella whitish, very faintly tinged with pale lilac, vertically



descending and narrowly reflexed over the perforation; umbilicus reduced to a narrow chink; labrum simple, lilac-coloured within; aperture elongately inversely auriform. Alt. 55 mm.; diam. maj. 27.5, min. 25.25 mm.; aperture, alt. 26, diam. 12 mm.

*Hab.*—Mount Kenaugop, Aberdare Range, British East Africa (Robin Kemp).

A very handsome species, whose granular sculpture and extraordinarily obtuse form readily separate it from other members of the group.



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