

## A new species of *Gulella* PFEIFFER known only from European greenhouses

(Mollusca: Streptaxidae).

By

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I recently (1969) reported a species of *Gulella* from a greenhouse at the Royal Botanic Gardens, Kew, England, which appears to be undescribed. It was identified with other specimens from Edinburgh but was not formally named. Recently Dr. IVO FLASAR has sent me further specimens of the same species collected in greenhouses in Bratislava, Czechoslovakia, which he has kindly allowed me to retain. This has prompted me to formally describe it as a new species.

### *Gulella io* n. sp. (Fig. 1).

*Gulella* sp.; VERDCOURT in J. of Conch., 27: 15, fig. (1969); VERDCOURT in AIRY SHAW in Kew Bull., 28: 389 (1973).

*Gulella devia* sensu CONNOLLY in Ann. Mag. nat. Hist., (10) 8: 311 (1931) non CONNOLLY sensu stricto (true *devia* is figured on pl. 10 fig. 10).

Shell small, cylindrical, imperforate, white, shining, the sides almost straight, the apex broadly rounded and dome-shaped. Whorls 7, flat or very slightly convex, almost smooth save for about 8 strong slender ribs just behind the peristome and sometimes many more incomplete ones further round and sometimes also some fainter complete ribs in the same position on the whorl above and other incomplete ones just below the suture in places on the front of the shell; suture lightly impressed, slightly margined, sometimes faintly crenellate. Aperture rounded-quadrate with rather thickened peristome. Dentition 4-fold; a strong parietal lamella situated about  $\frac{1}{3}$  or less of the upper breadth of the aperture from the top outer edge of the peristome, straight, inrunning, the outer arm of its Y-shaped root almost touching the peristome; outer lip nodule somewhat inset, oblong, more or less vertical, very faintly binodulate or more rounded and not at all binodulate; basal nodule-like tooth situated at the junction of the basal margin and the columella; columella fold oblique and rather deeply inset.

Length: 3.5–4 mm, breadth 1.2–1.4 mm.

Aperture: 0.9–1.1 mm long and 0.9–1 mm wide.

Czechoslovakia. Bratislava, greenhouses, comm. IVO FLASAR (holotype and paratype in SMF 234588-9; paratypes in British Museum (Nat. Hist.) and Musée de l'Afrique Centrale). England, Royal Botanic Gardens, Kew, Richmond, Surrey, Aroid House,

leg. A. NORRIS & J. ARMITAGE (coll. A. NORRIS). Scotland, Royal Botanic Garden, Edinburgh, greenhouse, leg. A. R. WATERSTON (coll. Royal Scottish Museum).

The original country of origin of this species is unknown but is almost certainly somewhere in tropical Africa.

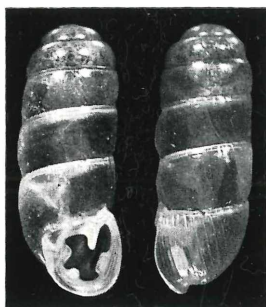


Fig. 1. *Gulella io* n. sp. — Holotype SMF 234588.  $\times 10/1$ .

#### Reference.

- VERDCOURT, B. (1969): A species of *Gulella* PFR. (Streptaxidae) introduced into Britain.  
— J. of Conch., 27: 15-16, fig.

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