

Length $2\frac{1}{4}$ mm., height $1\frac{2}{3}$, diameter 1.

Habitat.—Station 24, off Culebra Island, West Indies, in 390 fathoms; Pteropod ooze.

This species is very like *Glomus nitens* in some respects, but is well distinguished by the shallow depression down the posterior side, which causes the margin at that part to be somewhat truncate or even faintly incurved.

Glomus simplex, n. sp. (Pl. XXI. figs. 2–2*b*).

Testa ovato-circularis, fere æquilateralis, tenuis, paulo convexa, albida, subpellucida, nitida, incrementi lineis tenuibus striata. Umbones parvi, leviter supra marginem producti. Linea cardinis angusta, dentibus anticis ad novem posticisque circiter quindecim instructa.

Length $4\frac{1}{2}$ mm., height $3\frac{1}{2}$, diameter 2.

Habitat.—Station 24, off Culebra Island, West Indies, in 390 fathoms; Pteropod ooze.

This species in texture, sculpture, and the hinge-characters closely resembles *Glomus nitens*, but is distinguishable by its different form, being more ovate or longer in proportion to its height.

Glomus inæquilateralis, n. sp. (Pl. XXI. figs. 3–3*b*).

Testa minuta, obtuse ovata, mediocriter convexa, tenuis, inæquilateralis, albida, incrementi lineis tenuibus sculpta. Margo dorsi anticus brevis, declivis, rectiusculus aut vix arcuatus, posticus longior, minus obliquus, leviter excurvatus. Umbones parvi, antemediani, paulo prominentes. Linea cardinis mediocriter valida, dentibus anterioribus octo posticisque ad decem munita. Pagina interna nitida, cicatrice antica rotundata et postica majori longiori, impressa. Pallii impressio simplex, haud sinuata.

Length $2\frac{1}{4}$ mm., height $1\frac{2}{3}$, diameter 1.

Habitat.—Station 24, off Culebra Island, West Indies, in 390 fathoms; Pteropod ooze.

This species is quite distinct in form from any of the other species, being decidedly less equilateral. Its teeth also are rather stronger, the ligament less oblique, and the muscular impressions more distinct. Whether this and the other forms exceed their known dimensions, it is impossible to say, but in all probability they do to some extent.

Glomus sp.

Habitat.—Station 24, off Culebra Island, West Indies, in 390 fathoms; Pteropod ooze.

As only a single minute valve of this species was obtained, which is evidently distinct from any of those here described, I refrain from naming it at present. It is