

The collection of the Challenger contains different species of *Verella*, collected in widely distant parts of the Atlantic and Pacific Oceans. The comparison of these species and of others which I have seen in many museums, has led me to the opinion that about a dozen different "good species," at least "geographical species," may be distinguished, and that these may be placed in two different genera, *Verella* (*sensu stricto*) and *Armenista*.¹ The genus *Verella* (*sensu stricto*), the type of which is the well-known *Verella spirans* of the Mediterranean, has an elliptical umbrella with an integral, not lobate margin, and a simple series of tentacles; it stands nearer to the ancestral form *Rataria*.

The second, more differentiated and larger genus, *Armenista*, has a more quadrangular or parallelogram-shaped umbrella, with a broad lobate margin, and a double or multiple series of tentacles. Perhaps even four genera may be distinguished when the numerous local varieties are better known.

The following species may be distinguished of the true *Verella* (*sensu stricto*):—

- (1) *Verella spirans*, Eschscholtz, 1 (Mediterranean).
- (2) *Verella caurina*, Eschscholtz, 1 (North Atlantic, observed by me in 1866 in the Canary Islands).
- (3) *Verella scaphidia*, Peron (12), collected by the Challenger in the Guinea Current (Stations 346 to 352).
- (4) *Verella oblonga*, Chamisso (21), collected by the Challenger off Volcano Islands, south of Japan (Stations 229 to 237).
- (5) *Verella patella*, Brandt (25), collected by the Challenger in the Tropical Pacific (Stations 265 to 279).

Nearly related to the latter seem to be *Verella pacifica* of Eschscholtz and *Verella cyanea* of Lesson (South Pacific).

The other species of *Verella* described seem to belong to the following genus, *Armenista*.

Genus 9. *Armenista*,² n. gen.

Velaria, Hkl., System der Siphonophoren, 1888, p. 31.

Definition.—Velellidæ, with a quadrangular or parallelogram-shaped (sometimes slightly elliptical) umbrella, and a vertical triangular sail, placed obliquely in a diagonal line of the parallelogram. Margin of the umbrella lobate. Pneumatocyst discoidal, of the same form as the surrounding umbrella, with a vertical chitinous crest supporting the sail. Submarginal corona of tentacles double or multiple.

The genus *Armenista* (enumerated in my "System" as *Velaria*, a name already

¹ The name *Velaria* adopted in my System der Siphonophoren, 1888, p. 31, had previously been employed for a Sponge (Aplysinidæ).

² *Armenista* or *Armenistarium* (Carburius, 1757) is the Cephalonian term for sail = *Verella*.