

Genus 6. *Rhabdocalyptus*, n. gen.

Moderately thin-walled cups with smooth external surface, and sharp-edged smooth margin to the wide oscular aperture. The inner surface exhibits holes of variable size—the apertures of the efferent canals. The principal parenchymalia are diacts of variable length. The parenchyma also contains discohexasters and oxyhexasters, and further eight-rayed rosettes with disc-bearing terminal rays on each of the medium-sized principals. The dermal membrane contains rough diacts either exclusively, or plus rough pentacts, tetracts, and monacts. The gastralialia are rough oxyhexacts.

Species 1. *Rhabdocalyptus mollis*, n. sp.

A funnel-shaped, somewhat compressed cup with a short round stalk. The parenchyma contains small oxyhexacts in which the rays near the point of intersection are beset with inward directed spines. The rays are frequently curved and may be also reduced to four or two. The dermal membrane contains only rough diacts, and the gastral membrane only rough hexacts. Japan, 100–200 fathoms.

Species 2. *Rhabdocalyptus ræperi*, n. sp.

A sack-shaped cup, which is directly attached by its thick blind end. The parenchyma contains oxyhexasters with short principal rays and long undulating terminals. The dermal membrane contains rough pentacts, tetracts, diacts, and monacts. In the gastral and canalicular membrane there are weakly developed hexacts with tubercled or uniformly rough rays. South of Puerto Bueno, Patagonia, 400 fathoms.

Genus 7. *Crateromorpha*, Gray.

Stalked goblets with smooth external surface. On the gastral internal surface the efferent canals open directly into the gastral space, with round apertures of variable width. In the loose parenchyma, besides medium-sized hexacts and diacts oxyhexasters and discohexasters occur of variable form and size. The dermal membrane contains rough tetracts, pentacts, and sometimes also diacts, all three with club-shaped thickened ends. The gastral membrane contains rough pentacts.

Species 1. *Crateromorpha meyeri*, Gray.

A tulip-shaped cup, varying in size from a hen's to a goose's egg, and seated on a stalk of the length and thickness of one's little finger. On the oscular margin of the wide