

The direct descendants of such a form are probably the genera *Cynthia* and *Microcosmus*, while from this stem two side branches have arisen, one (E.) resulting in the ancestors of the family of the Molgulidæ, and the other by the development of a peduncle (8), leading to the Bolteninæ, and especially to the genus *Boltenia*—*Culeolus* and *Fungulus* being comparatively recent modifications (9).

E. is a modified Cynthiad form, in which the interstigmatic vessels have become curved and probably spirally coiled, so that the branchial sac has the structure found in the typical Molgulidæ. The genus *Eugyra* has probably been formed by the divergence from the main line, between E. and *Molgula*, of a form (10) in which the folds in the branchial sac had become rudimentary.