

*Synopsis of the Genera of Tripocalpida.*

I. Subfamily Archipilida. Basal mouth of the shell a simple wide opening.	Shell with three lateral ribs or wings, with or without ter- minal feet.	Three terminal feet.	{ Apex with a horn, . 496. <i>Tripocalpis</i> . { No apical horn, . 497. <i>Tripodonium</i> .
		Six to nine or more terminal feet.	{ No apical horn, . 498. <i>Tripterocalpis</i> .
		No terminal feet.	{ Apex with a horn, . 499. <i>Trissopilium</i> . { No apical horn, . 500. <i>Archipilium</i> .
	Shell without lateral ribs or wings but with three terminal feet.	Feet simple or branched, not lat- ticed.	{ Apex with a horn, . 501. <i>Tripilidium</i> . { No apical horn, . 502. <i>Tripodiscium</i> .
		Feet latticed.	Apex with a horn, . 503. <i>Tridictyopus</i> .
		Shell with three free feet, without lateral lattice- wings.	{ Columella simple, . 504. <i>Euscenium</i> . { Columella branched, 505. <i>Cladoscenium</i> .
II. Subfamily Archiperida. Basal mouth of the shell closed by a lattice-plate.	Shell in its axis with a free (simple or branched) in- ternal columella, prolonged into an apical horn.	Shell with three lateral lattice- wings, connecting the three feet with the horn.	{ Columella simple, . 506. <i>Archiscenium</i> . { Columella branched, 507. <i>Pteroscenium</i> .
		Shell with simple cavity, without free columella. Three free basal feet.	{ One apical horn, . 508. <i>Peridium</i> . { Two or more horns, 509. <i>Archipera</i> . { No apical horn, . 510. <i>Archibursa</i> .

Subfamily 1. ARCHIPILIDA, Haeckel, 1881, Prodrömus, p. 427.

*Definition.*—Tripocalpida with the basal mouth of the shell open (vel Monocyrtida triradiata aperta).

Genus 496. *Tripocalpis*,<sup>1</sup> Haeckel, 1881, Prodrömus, p. 428.

*Definition.*—Archipilida (vel Monocyrtida triradiata aperta) with three lateral ribs prolonged into three terminal feet. Apex with a horn.

The genus *Tripocalpis* opens the series of Archipilida, or of those Monocyrtida in which the monothalamous shell exhibits a distinct triradial structure, and a simple open mouth, without cortinar lattice. *Tripocalpis* is probably the most primordial of the Archipilida, and has three lateral ribs, which are prolonged into three free terminal

<sup>1</sup> *Tripocalpis* = Urn with three feet; τρι/πους, καλπις.