

Synopsis of the Genera of Podocampida.

I. Subfamily Stichopilida. Mouth of the terminal joint a simple wide opening.	Three lateral appendices or wings (no terminal feet).	Lateral wings are solid spines.	{	Cephalis with horn, 626. <i>Stichopilium</i> .	
		Lateral wings are latticed.	{	With horn, . 627. <i>Artopilium</i> . Without horn, . 628. <i>Pteropilium</i> .	
	Three terminal appendices or feet at the peristome (all with cephalic horn).	Three lateral ribs or crests prolonged into the three terminal feet.	Feet solid,	{	. 629. <i>Stichocampe</i> .
			Feet latticed,	{	. 630. <i>Stichopterium</i> .
II. Subfamily Stichopera. Mouth of the terminal joint closed by a lattice-plate.	Last joint rounded, without a vertical basal spine (cephalis with horn).	No lateral ribs. Three terminal feet free.	Feet solid,	{	. 631. <i>Podocampe</i> .
			Feet latticed,	{	. 632. <i>Stichopodium</i> .
	Last joint conical, pointed, with a vertical basal spine.	Three lateral solid ribs (or rows of spines),	633. <i>Stichopera</i> .		
			Three lateral latticed wings (or rows of wings),	. 634. <i>Cyrtopera</i> .	
		Three lateral solid ribs (cephalis with an apical horn),	. 635. <i>Artopera</i> .		

Subfamily 1. STICHOPILIDA, Haeckel, 1881, Prodrömus, p. 439.

Definition.—Podocampida with the terminal mouth of the shell open (vel Stichocyrtida triradiata aperta).

Genus 626. *Stichopilium*,¹ Haeckel, 1881, Prodrömus, p. 439.

Definition.—Stichopilida (vel Stichocyrtida triradiata aperta) with three solid lateral ribs or wings, without terminal feet. Cephalis with a horn.

The genus *Stichopilium* is the most primitive among all Stichocyrtida, and represents perhaps the common ancestral form of this family. The shell is composed of four or more joints (sometimes ten to twelve), has a wide open terminal mouth, and three lateral solid wings or ribs (sometimes a little latticed on the base). *Stichopilium* may be derived from *Theopilium* or *Pterocorys* by addition of new terminal joints.

Subgenus 1. *Triacartus*, Haeckel, 1881, Prodrömus, p. 437.

Definition.—Shell with three annular strictures, and four distinct joints.

¹ *Stichopilium* = Hat with a row of joints; στήχος, πλιον.