

Table S3. P-values of pairwise comparisons (ANOVA) of intercepts of relative cameral length (=RCL) between species, where no significant difference in slope was detected (Table S1). In the linear regression models, species are included as interaction terms. Significant p-values (< 0.05) are highlighted in bold, representing cases where the trajectories may be parallel, but the intercept is significantly different, i.e., RCL is distinct at the same conch height.

RCL	<i>Pa. mutabile</i>	<i>Pl. cambria</i>	<i>S. bullatum</i>	<i>S. endogastrum</i>	<i>S. inflatum</i>	<i>S. magicum</i>	<i>S. marywadeae</i>	<i>S. shanxiense</i>	<i>S. sibiricense</i>	<i>S. sinense</i>	<i>S. wanwanense</i>
<i>Pa. mutabile</i>		< 0.0001		< 0.0001		< 0.0001		< 0.0001	< 0.0001		
<i>Pl. cambria</i>	< 0.0001			0.0002	0.0828	0.0005		< 0.0001	0.0045		0.0001
<i>S. bullatum</i>				< 0.0001		< 0.0001	< 0.0001		< 0.0001	< 0.0001	< 0.0001
<i>S. endogastrum</i>	< 0.0001	0.0002	< 0.0001			0.0036	0.0016	0.0263	0.0015	0.0051	0.0106
<i>S. inflatum</i>		0.0828				< 0.0001	< 0.0001		< 0.0001	< 0.0001	< 0.0001
<i>S. magicum</i>	< 0.0001	0.0005	< 0.0001	0.0036	< 0.0001		0.1559	0.2656	0.0338	0.1105	0.2366
<i>S. marywadeae</i>			< 0.0001	0.0016	< 0.0001	0.1559			< 0.0001	< 0.0001	< 0.0001
<i>S. shanxiense</i>	< 0.0001	< 0.0001		0.0263		0.2656			< 0.0001		
<i>S. sibiricense</i>	< 0.0001	0.0045	< 0.0001	0.0015	< 0.0001	0.0338	< 0.0001	< 0.0001		0.8176	0.8740
<i>S. sinense</i>			< 0.0001	0.0051	< 0.0001	0.1105	< 0.0001		0.8176		0.0022
<i>S. wanwanense</i>		0.0001	< 0.0001	0.0106	< 0.0001	0.2366	< 0.0001		0.8740	0.0022	