

upper plate, and from it issues the tentacle (r), while below is attached the rough, cylindrical tentacle scale or arm spine.

In several respects this genus leans towards the Ophiuridæ; as in its large teeth in a single row, its solid radial shields, and its well formed under arm plates.

TABLE OF SPECIES OF *Astroschema*.

	Diameter of Disk to length of Arm.	Width of Arm to diameter of Disk.	Grains in 1 mm. long on upper arm at its base.		
Disk and arms beset with minute conical spines, or sharp grains.	1 : 15	1 : 3	4	Disk spines set on little plates which pave the disk and arms.	<i>Astroschema horridum</i> .
	1 : 17	1 : 3	4-5	Disk grains sharp, even far out on arms. Tentacle scales not anywhere longer than a joint, and scarcely clubbed.	<i>Astroschema oligactes</i> .
	1 : 17	1 : 3½	5	Grains far out on arms, rounded. Tentacle scales often as long as 1½ joints, but scarcely clubbed.	<i>Astroschema tumidum</i> .
Disk and arms covered by a smooth granulation.	arm moderate.	1 : 2½	4	Disk grains close-set, smooth, and very large.	<i>Astroschema arenosum</i> .
	1 : 15	1 : 2½	9-15	Disk grains very fine, smooth, and even. Two tentacle scales do not begin till beyond the eighth pore.	<i>Astroschema leve</i> .
	1 : 10	1 : 3	7-8	Arms short. Disk flat and even. Under tentacle scale at end of arm becomes a compound hook.	<i>Astroschema salix</i> .
	1 : 13	1 : 3½	6-7	Mouth tentacles in tubes. Lower tentacle scale, near end of arm, very long but not clubbed.	<i>Astroschema rubrum</i> .
	1 : 15	1 : 3	...	Disk grains spaced and arranged in concentric lines.	<i>Astroschema steenstrupii</i> .
	arm long.	...	12	No tentacle scale till fourth pore, then one till the twelfth, after which two (an ill-defined species).	<i>Astroschema sulcatum</i> .
	1 : 33	1 : 4	8-9	Arms extremely long and thin	<i>Astroschema tenue</i> .
Arm granulated above, but naked below.	1 : 24	1 : 4	6-9	Arm much higher than wide.	<i>Astroschema bruchiatum</i> .
	1 : 24	1 : 7	7	<i>Astroschema intectum</i> .