

without shells, the outer only surrounded by shells. Already in my Monograph I had described the same peculiar formation.¹

Synopsis of the Genera of Collosphærida.

I. Subfamily Acrosphærida. (Lattice-shell simple, without an external mantle of network.)	Outside of the shell smooth, without spines or tubuli.	Inside without tubuli.	Inside smooth, 29. <i>Collosphæra</i> .
			Inside spiny, 30. <i>Tribonosphæra</i> .
		Inside with centripetal tubuli.	Tubuli imperforated, 31. <i>Pharyngosphæra</i> .
			Tubuli fenestrated, 32. <i>Buccinosphæra</i> .
	Outside of the shell armed with solid spines, but without hollow tubuli.		Spines irregularly scattered on the surface, 33. <i>Acrosphæra</i> .
			Each larger pore with one single spine, 34. <i>Odontosphæra</i> .
			Each larger pore with a coronal of spines, 35. <i>Chænicosphæra</i> .
	Outside of the shell with irregular radial tubuli, the wall of which is solid, not fenestrated.	Tubuli simple, not branched.	Mouth of the tubuli truncated, smooth, 36. <i>Siphonosphæra</i> .
			Mouth with one single large tooth, 37. <i>Mazosphæra</i> .
			Mouth with a coronal of teeth, 38. <i>Trypanosphæra</i> .
Tubuli irregularly branched, each with two to four or more openings, 39. <i>Caminosphæra</i> .			
Outside of the shell with irregular radial tubuli, open on both ends, with fenestrated wall.		Mouth of the tubuli truncated, smooth, 40. <i>Solenosphæra</i> .	
		Mouth with one single large tooth, 41. <i>Otosphæra</i> .	
		Mouth with a coronal of teeth, 42. <i>Coronosphæra</i> .	
II. Subfamily Clathrosphærida. (Lattice-shell double, with an external mantle of network.)		Surface of the outer shell smooth, 43. <i>Clathrosphæra</i> .	
		Surface of the outer shell thorny, 44. <i>Xanthiosphæra</i> .	

Subfamily ACROSPHÆRIDA, Hæckel, 1881, Prodrömus, p. 471.

Definition.—Collosphærida with one simple lattice-shell around every central capsule of the cœnobium.

¹ *Loc. cit.*, p. 535, Taf. xxxiv. fig. 1.