

five, but may amount to nineteen, to twenty-one or more; they lie constantly in pairs on both sides of the equatorial constriction (Pl. 40, figs. 12, 13).

The cortical shell may either remain simple (*Ommatocampe*, Pl. 40, fig. 10), or become double (*Desmocampe*, Pl. 40, fig. 12), or sometimes triple (*Zygocampe*, Pl. 40, fig. 13). In the latter cases the outer (secondary and tertiary) cortical shells are commonly incomplete, and only developed around the proximal chambers of the complete first (primary) cortical shell, its distal chambers remaining simple.

The *Medullary Shell* is constantly double, as in the Panartida; its form is either spherical or lenticular, compressed in the direction of the main axis. It is always connected with the equatorial constriction of the cortical shell by a number of radial beams, lying either in the equatorial plane or on each side of it (Pl. 40, figs. 10-13).

The *Central Capsule* of the Zygartida is constantly cylindrical; its increasing growth on both poles of the axis corresponds to that of the including cortical shell. Commonly (but not always) its cylindrical surface is annulated, with five or more transverse strictures, corresponding to those of the cortical shell. From the inner surface of the latter it is separated by a jelly-mantle, the calymma.

Synopsis of the Genera of Zygartida.

I. Ommacampida.	{ Without polar tubes, 169. <i>Ommatocampe</i> . With two hollow fenestrated tubes, on the poles of the axis, 170. <i>Ommatartus</i> .
1. Cortical shell simple. (Medullary shell double.)	
II. Desmocampida.	{ Without polar tubes, 171. <i>Desmocampe</i> . With two hollow fenestrated tubes, on the poles of the axis, 172. <i>Desmartus</i> .
2. Cortical shell double. (Medullary shell double.)	
III. Zygocampida.	{ Without polar tubes, 173. <i>Zygocampe</i> . With two hollow fenestrated tubes, on the poles of the axis, 174. <i>Zygartus</i> .
3. Cortical shell triple. (Medullary shell double.)	

Genus 169. *Ommatocampe*,¹ Ehrenberg, 1860, Monatsber. d. k. preuss.
Akad. d. Wiss. Berlin, p. 832.

Definition.—Zygartida with simple cortical shell and double medullary shell, without polar tubes.

The genus *Ommatocampe* was founded by Ehrenberg in 1860 for one of his "*Haliomatina*," with the following diagnosis:—"Shell rod-like, long, articulate, with nucleus, without spines, with four or more joints." The species figured by him, *Ommatocampe*

¹ *Ommatocampe* = Caterpillar with eyes; ὄμμα. κάμπερ.