

PLATE XIII.

OBOLUS CONRADI, HALL.

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- FIG. 1. View of the cast of the dorsal valve, showing the longitudinal septum and the filling of the cavities beneath the margins of the transverse plate.
“ 2. Cast of a ventral valve, showing the impression of the transverse plate, the median depression of the hinge plate, and the cavities left by the teeth-like processes.

STROPHODONTA PROFUNDA, HALL.

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- FIG. 3. Impression of the surface of the concave valve of a small individual, with a portion of the filling of the cavity between the valves, showing the impression of the ventral valve on the margin.
“ 4. Impression of the interior of the ventral valve of a large individual. The muscular imprints in the figure are not represented so long as they are in the original specimen.

SPIRIFERA EUDORA, HALL.

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- FIG. 5. Dorsal view of a specimen of this species.
“ 7. Profile of the same specimen, showing the gibbosity of the valves, and the height and curvature of the area.

SPIRIFERA GIBBOSA, HALL.

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- FIG. 6. View of a dorsal valve of this species.
“ 8. Cardinal view of a specimen.

SPIRIFERA PLICATELLA, VAR. RADIATA, SOWERBY.

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- FIG. 9. Dorsal view of a small individual, showing the extension of the lamellæ in the dorsal valve as seen in young specimens.
“ 10. Ventral view of the same individual, showing the extent of the lamellæ in the ventral valve.
“ 11. Profile of the specimen.

SPIRIFERA META, HALL.

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- FIG. 12. Ventral view of a specimen.
“ 13. Cardinal view of the same individual, showing the height and extent of the straight area.

SPIRIFERA NOBILIS, HALL.

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- FIG. 14. Dorsal view of an individual of medium size.
“ 15. Ventral view of a specimen, showing plications in the mesial sinus.
“ 16. Ventral view of a large individual.
“ 17. Cardinal view of the specimen fig. 16.

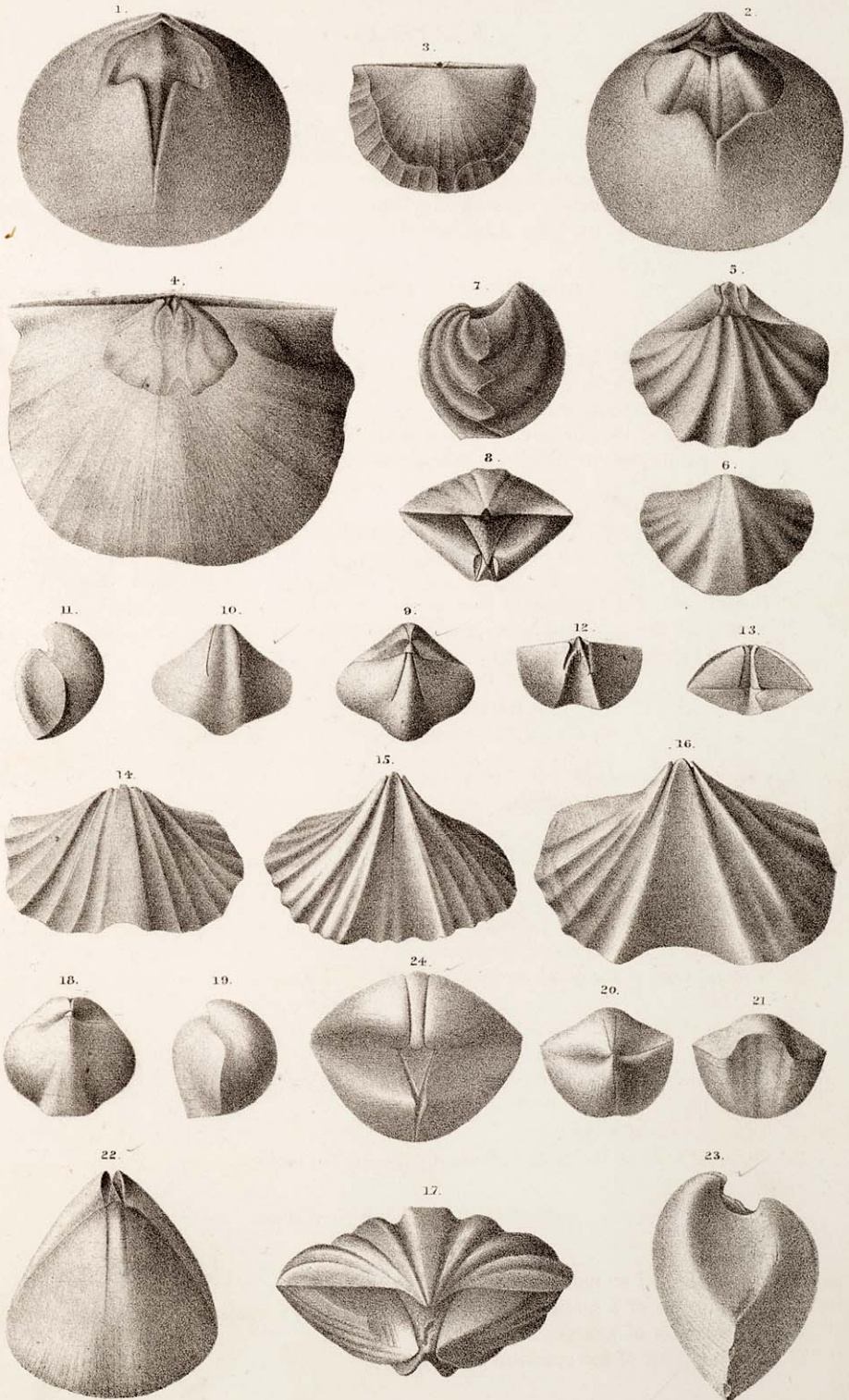


PLATE XIV.

PENTAMERUS BRISIA, HALL.

PLATE XIV.

FIG. 1. View of the left valve of a specimen of this species partly abraded of the shell. The large quadrangular muscular impression is seen near the posterior wing; the anterior and posterior teeth are also visible.

PENTAMERUS ACUTICOSTATUS, HALL.

PLATE XIV.

FIG. 2. View of the left valve of a full grown individual.

PENTAMERUS PEREA, HALL.

PLATE XIV.

FIG. 3. View of the left valve showing impressions of the lateral teeth.

PLATE XIII—Continued.

PENTAMERUS (PENTAMERELLA?) VENTRICOSUS, HALL

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FIGS. 18-21. Dorsal view, profile, cardinal and front views of a medium-sized individual of the species, showing slight indications of plications on the mesial fold and sinus.

PENTAMERUS MULTICOSTATUS, HALL.

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FIGS. 22-24. Dorsal view, profile, and cardinal views of an internal cast of this species, preserving the impressions of the costæ on the anterior margin.