

PLATE XI.

EUCALYPTOCRINUS OBCONICUS, HALL.

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- FIG. 1. Lateral view of a specimen of this species, showing the structure of the body and first bifurcation of the rays.

EUCALYPTOCRINUS CRASSUS, HALL.

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- FIG. 2. Lateral view of a well preserved cast of this species, which shows the structure of the body in a very satisfactory manner.
“ 3. Basal view of the same specimen as fig. 2.

EUCALYPTOCRINUS ORNATUS, HALL.

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- FIG. 4. Basal view of the calyx of a specimen of this species. The figure is from a gutta-percha impression taken in the natural mould of the exterior, and shows the surface markings of the plates.
“ 5. View of an internal cast of this species, of large size, which preserves the impressions of the lines of growth of the plates.

EUCALYPTOCRINUS CORNUTUS, VAR. *EXCAVATUS*, HALL.

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- FIG. 6. Basal view of an internal cast of this species, showing the deeply excavated base.
“ 7. Lateral view of the same specimen as fig. 6.

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- FIG. 8. Shows the cavity left in the rock by the solution of the substance of the crinoid. The inside of the cavity is occupied by the cast of the interior of the cup of the specimen.
FIGS. 9, 10. Basal and lateral views of a gutta-percha cast made in the natural mould left by the removal of the substance of the crinoid.

CYATHOCRINUS WAUKOMA, HALL.

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- FIGS. 11, 12. Lateral and basal views of an internal cast of this species.

CYATHOCRINUS CORA, HALL.

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- FIG. 13. View of the anal side of a specimen of this species, showing the position of the anal plate.
“ 14. Lateral view of a larger individual of the species, showing more distinctly the radiating lines of the plates. (Some larger specimens observed are very decidedly constricted above the base.)

NIAGARA GROUP.
CRINOIDEA.

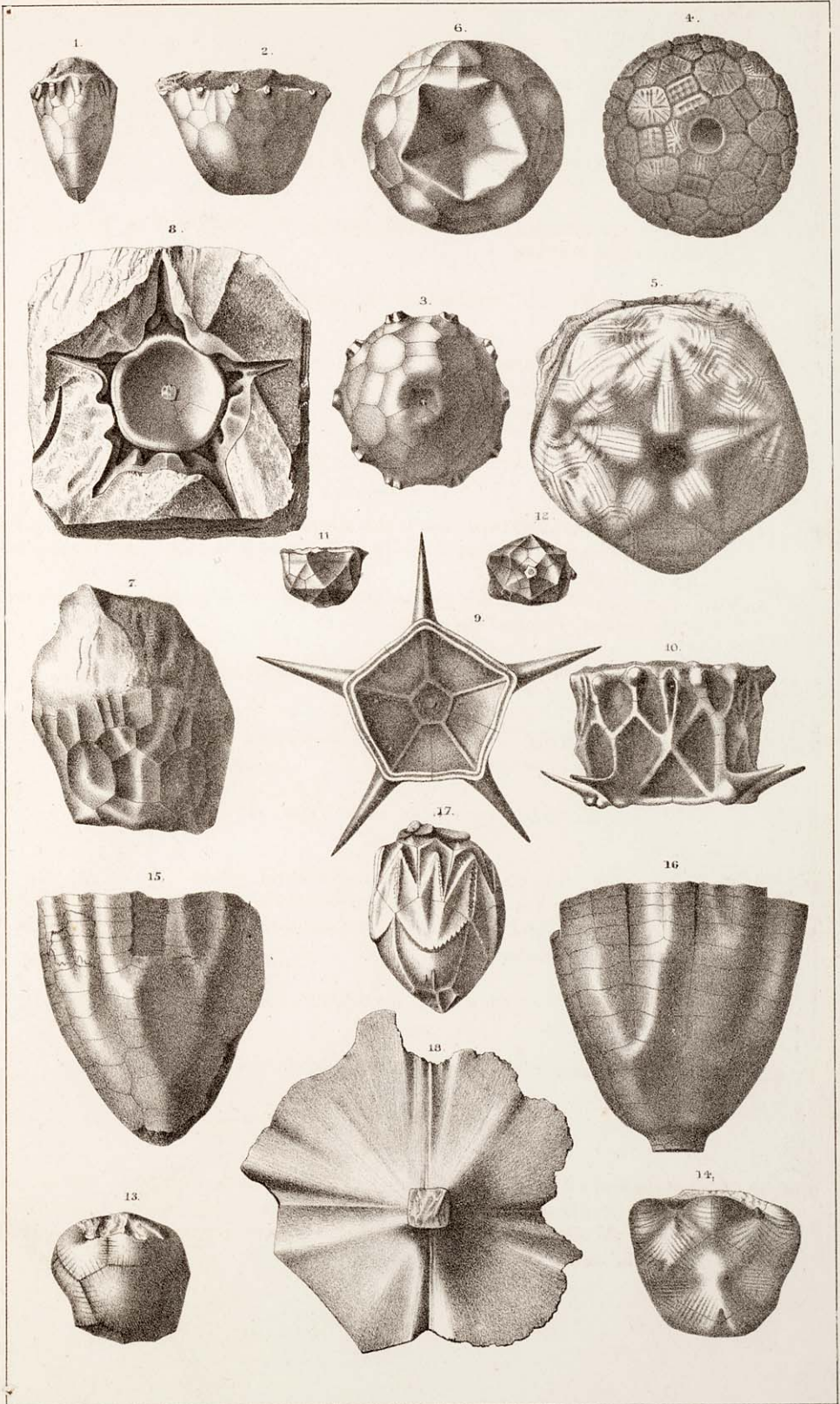


PLATE XI—Continued.

ICHTHYOCRINUS SUBANGULARIS, HALL.

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FIG. 15. Lateral view of a specimen from Bridgeport, Illinois, preserving the substance of the plates.

" 16. View of a specimen from Waldron, Indiana, from which the species was originally described.

CARYOCRINUS ORNATUS, SAY.

FIG. 17. Lateral view of an internal cast of a specimen of this species, possessing the usual characters of the species as they occur at these localities.

CRYPTODISCUS.

FIG. 18. The calyx of a CRINOIDEAN ? of a new and peculiar type, for which the name *CRYPTODISCUS* is suggested.