



PLATE 6

Explanation of Plate 6

(All figures 3 times natural size. In each transverse section the counter septum is placed at the top.)

Lophophyllidium magnificum, n. sp., lower Boggy shale, Des Moines series, Pennsylvanian, at NW sec. 22, T. 2 S., R. 7 E., southeast of Ada, Oklahoma.

- **1a-c**--Transverse sections of specimen (Univ. Kansas no. 175-21b).
- **2a-e**--Type specimen (Univ. Kansas no. 175-21a). **a**, Longitudinal section. **b-e**, Transverse sections.

Lophophyllidium newelli, n. sp., middle Savanna formation, Des Moines series Pennsylvanian, from center south side sec. 34, T. 3 N., A. 13 E., Oklahoma.

- **3a-c**--Transverse sections of specimen (Univ. Kansas no. 2562-21d).
- **4a-d**--Type specimen (Univ. Kansas no. 2562-21b). **a**, Longitudinal section. **b-d**, Transverse sections.

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