Explanation of Plate 7

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

*Lophophyllidium distinctum*, n. sp., shale in middle Altamont limestone, Marmaton group, Des Moines series, Pennsylvanian, from middle north side sec. 7, T. 34 S., R. 17 E., Montgomery County, Kansas.

- **1a-d**--Type specimen (Univ. Kansas no. 5210-21a). **a**, Longitudinal section. **b-d**, Transverse sections.

*Lophophyllidium minutum*, n. sp., Morrow age, Pennsylvanian.

- **2a-c**--Specimen from Wapanucka limestone. Coal Creek, sec. 15, T. 1 N., R. 7 E., Oklahoma (Univ. Kansas no. 2747-21a). **a**, Longitudinal section. **b, c**, Transverse section.
- **3a-b**--Type specimen (Univ. Kansas no. 7385-21c) from east side dam at Greenleaf Lake, southwest of Bragg, Oklahoma. **a**, Longitudinal section. **b**, Transverse section.
- **4**--Transverse section of specimen (Univ. Kansas no. 3342-21a) from the Otterville limestone, north of Berwyn, Oklahoma.

*Lophophyllidium* sp. A, Frensley limestone, of Lampasas age, Pennsylvanian, from Murray State Park, southeast of Ardmore, Oklahoma.

- **5a-d**--Specimen (Univ. Kansas no. 6808-21b). **a**, Longitudinal section. **b-d**, Transverse sections.
- **6**--Transverse section of specimen (Univ. Kansas no. 6808-21c).

*Lophophyllidium girtyi*, n. sp., Wewoka formation, Des Moines series, Pennsylvanian, Oklahoma.

- **7a-d**--Specimen (Univ. Kansas no. 84-21b) from 1300 feet north of SW cor. sec. 4, T. 3 S., R. 7 E., Oklahoma. **a**, Longitudinal section. **b-d**, Transverse sections.
- **8a-c**--Transverse sections of the type specimen (Univ. Kansas no. 2289-21b) from lower shale in Wewoka formation, 0.25 miles north and 200 feet east of Lovelady School, SW sec. 4, T. 3 S., R. 7 E., Oklahoma.

Lophophyllid Corals from Lower Pennsylvanian Rocks of Kansas and Oklahoma, by Russell M. Jeffords
http://www.kgs.ku.edu/Publications/Bulletins/41_5/index.html
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