



Corwenia (1) - Waagenophyllum (2-3) - Heritschia (4-8)

#### **Explanation of Plate 4.**

All figures 2.5 times natural size, except as indicated.

*Corwenia rugosa* (McCoy), Lower Carboniferous, north Wales and north Welsh border, England.

**1a-b**—Specimen, after Smith and Ryder (1926, pl. 5) x1.5 **a**, Transverse section (fig. 2). **b**, Longitudinal section (fig. 4).

*Waagenophyllum indicum* (Waagen and Wentzel), Middle Productus limestone, Upper Permian, Salt Range, India.

**2a-c**—Specimen after Waagen and Wentzel (1886, pl. 101) x 16.5. **a**, Transverse section (fig. 1c). **b**, Longitudinal section (fig. 3c). **c**, Column and peripheral part of section (figs. 3a, b).

*Heritschia columbica* (Smith), Permian (or Upper Carboniferous), British Columbia, Canada.

**4**—Transverse section of specimen after Smith (1935, pl. 9, fig. 1), x 2.

*Heritschia girtyi*, n. gen., n. sp.

**5a-b**—Type specimen (Univ. Kansas no. 3491) from upper part Florence limestone, Chase group, Wolfcamp series, Lower Permian, along road in NE SE sec. 31, T. 27 S., R. 6 E., about 2 miles southwest of Leon, Butler County, Kansas. **a**, Transverse section. **b**, Longitudinal section.

**6a-b**—Transverse sections of specimen (Univ. Kansas no. 77821) from ?Florence limestone, Chase group, Wolfcamp series, Lower Permian, near Augusta, Kansas. **a**, Transverse section just below the calyx. **b**, Transverse section 12.5 mm lower in coralite.

**7**—Longitudinal section of a specimen (Univ. Kansas no. 34192).

**8**—Longitudinal section of specimen (Univ. Kansas no. 34193).

New Permian Corals from Kansas, Oklahoma, and Texas, by Raymond C. Moore and Russell M. Jeffords

Originally published July 1941 as Kansas Geological Survey Bulletin 38, Part 3.

Available online at [http://www.kgs.ku.edu/Publications/Bulletins/38\\_3/index.html](http://www.kgs.ku.edu/Publications/Bulletins/38_3/index.html)

June 2007