

Plates from Klapper, Gilbert, 1971, *Patrognathus* and *Siphonodella* (Conodonta) from the Kinderhookian (Lower Mississippian) of Western Kansas and Southwestern Nebraska: Kansas Geological Survey, Bull. 202, pt. 3, 14 p.

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Explanation of Plate 1

All figures are X40

Figures 1-10—*Patrognathus andersoni* sp. nov. 1, lateral, 2, lower, 3, upper views of KUMIP Holotype 1,800,684; loc. 1, 5475 feet; 4, lateral, 5, lower, 6, upper views of KUMIP Paratype 1,800,685; loc. 1, 5475 feet; 7, upper, 8, lower, 9, lateral views of KUMIP Paratype 1,800,686; loc. 1, 5460 feet; 10, upper view of KUMIP Paratype 1,800,687; loc. 3, 5355 feet.

Figures 11, 12—*Polygnathus inornatus sensu* Branson and Mehl. 11, lower, 12, upper views of KUMIP 1,800,688; loc. 2, 5193 feet.

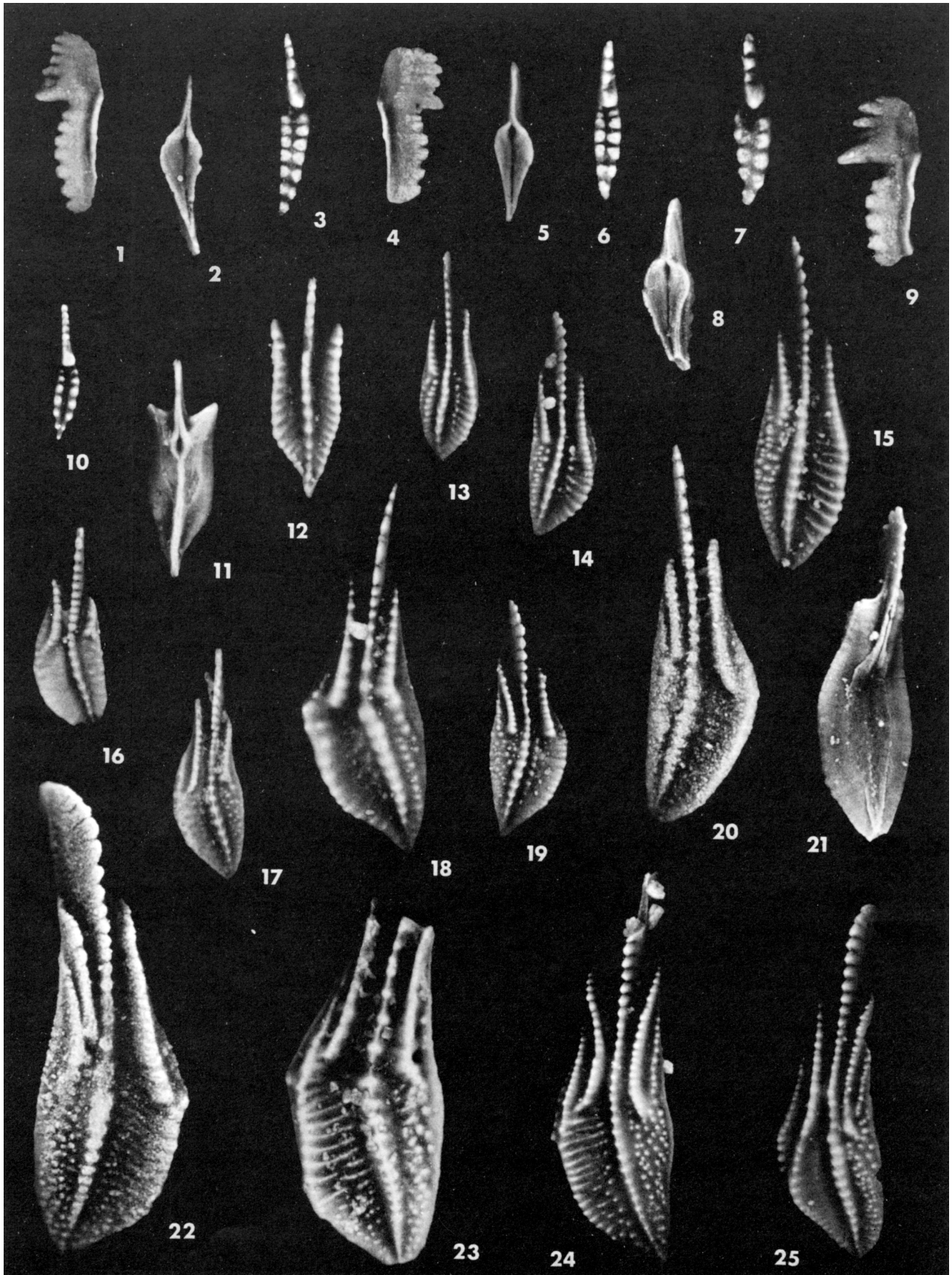
Figures 13-15, 21—*Siphonodella cooperi* Hass. 13, 14, upper views of SUI 35137, 35138; loc. 4, 0-0.2 feet above base of Lodgepole Limestone; 15, upper, 21, lower views of SUI 35139; loc. 4, 0.2-0.5 feet above base of Lodgepole Limestone.

Figure 16—*Siphonodella isosticha* (Cooper). Upper view of UC Holotype 38975, originally illustrated by Cooper (1939, Pl. 41, fig. 9, 10) from the pre-Welden Shale of Oklahoma.

Figures 17-20—*Siphonodella* cf. *S. isosticha* (Cooper). 17, upper view of KUMIP 1,800,689; loc. 2, 5193 feet; 18, upper view of SUI 35222; loc. 4, 0-0.2 feet above base of Lodgepole Limestone; 19, upper view of SUI 35223; loc. 5, 2.7-3.6 feet above base of Lodgepole Limestone; 20, upper view of KUMIP 1,800,690; loc. 2, 5185 feet.

Figures 22-24—*Siphonodella quadruplicata* (Branson and Mehl). 22, upper view of KUMIP 1,800,691; loc. 2, 5185 feet; 23, upper view of KUMIP 1,800,692; loc. 2, 5193 feet; 24, upper view of SUI 35224; loc. 4, 0-0.2 feet above base of Lodgepole Limestone.

Figure 25—*Siphonodella obsoleta* Hass. Upper view of SUI 35225; loc. 4, 0-0.2 feet above base of Lodgepole Limestone.



Explanation of Plate 2

All figures are X40

Figures 1-3—*Siphonodella cooperi* Hass. 1, lower, 2, upper views of SUI 35226; loc. 4, 0.2-0.5 feet above base of Lodgepole Limestone; 3, upper view of KUMIP 1,800,693; loc. 2, 5185 feet.

Figures 4-14—*Siphonodella crenulata* (Cooper). 4, 5, 6, upper views of SUI 35227-35229; 7, lower, 8, upper views of SUI 35230; 9, upper view of SUI 35231; 10, lower, 11, upper views of SUI 35232; 12, lower, 13, upper views of SUI 35233. Fig. 4-8, 10-11 from loc. 4, 0-0.2 feet above base of Lodgepole Limestone; Fig. 9, 12, 13 from loc. 4, 0.2-0.5 feet above base of Lodgepole Limestone. 14, upper view of UC Holotype 39068, originally illustrated by Cooper (1939, pl. 41, fig. 1, 2) from the pre-Welden Shale of Oklahoma.

