



## **Plate 1**

*Spinaptychus sternbergi*, n. sp., from the Niobrara formation of Logan and Gove Counties, Kansas.

**A**, Paratype (Mus. no. 2683). Inner view of harmonic margin of left valve showing the nature of the harmonic flange (X 0.75).

**B**, Holotype (Mus. no. 2022). Outer view (X 0.45).

**C**, Paratype (Mus. no. 2906). Projection print of transverse thin section of mature region, cut normal to growth lines, showing microstructure of shell. Tone of print is reversed. Arrow points to ventrolateral margin (X 8.25).

**D**, Holotype (Mus. no. 2022). Enlarged portion of mature region of right valve near lateral margin (X 1.2).

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