

PLATE XLV.

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Figs. 1, 2. *LUIDIA AFRICANA*, n. sp. . . . . 256

Fig. 1. A portion of the abactinal surface; magnified 15 diameters.

Fig. 2. Adambulacral and infero-marginal plates; magnified 6 diameters.

[For macroscopic figures of this species see Pl. XLIV. figs. 1, 2.]

Figs. 3, 4. *LUIDIA LONGISPINA*, n. sp. . . . . 254

Fig. 3. A portion of the abactinal surface; magnified 20 diameters.

Fig. 4. Adambulacral and infero-marginal plates; magnified 10 diameters.

[For macroscopic figures of this species see Pl. XLIII. figs. 3, 4.]

Figs. 5, 6. *LUIDIA FORFICIFER*, n. sp. . . . . 258

Fig. 5. A portion of the abactinal surface; magnified 15 diameters.

Fig. 6. Adambulacral and infero-marginal plates; magnified 15 diameters.

[For macroscopic figures of this species see Pl. XLIV. figs. 5, 6.]

Figs. 7, 8. *LUIDIA LIMBATA*, n. sp. . . . . 251

Fig. 7. A portion of the abactinal surface; magnified 15 diameters.

Fig. 8. Adambulacral and infero-marginal plates; magnified 10 diameters.

[For macroscopic figures of this species see Pl. XLIV. figs. 3, 4.]

Figs. 9, 10. *LUIDIA ASPERA*, n. sp. . . . . 248

Fig. 9. A portion of the abactinal surface; magnified 10 diameters.

Fig. 10. Adambulacral and infero-marginal plates; magnified 8 diameters.

[For macroscopic figures of this species see Pl. XLIII. figs. 1, 2.]