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OPUNTIA LITTORALIS (Engelm.) Britton & Rose

Opuntia engelmanni littoralis ENGELM. in Brewer & Wats. Bot. Cal. 1: 248. 1876.

Opuntia lindheimeri littoralis COULT. Contr. Nat. Herb. 3: 422. 1896.

Type locality: Coast of California, Santa Barbara to San Diego.

Distribution: Coast of southern California.

OPUNTIA CUIJA (Griffiths & Hare) Rose

Opuntia engelmannii cuija GRIFFITHS & HARE, Bull. N. Mex. Coll. Agr. 60: 44. 1907.

Type locality: San Luis Potosi, Mexico.

Distribution: San Luis Potosi to Queretaro and Hidalgo.

Illustrations: Bull. N. Mex. Coll. Agr. 60: pl. 2. figs. 1, 2.

OPUNTIA OCCIDENTALIS Engelm. & Bigel.

Opuntia occidentalis ENGELM. & BIGEL. Proc. Am. Acad. 3: 291. 1856.

Opuntia lindheimeri occidentalis COULT. Contr. Nat. Herb. 3: 421. 1896.

Type locality: Western slopes of the Californian Mountains, between San Diego and Los Angeles.

Distribution: Southwestern California.

Illustrations: Pac. R. Rep. 4: pl. 7. figs. 1, 2; Bull. N. Mex. Coll. Agr. 60: pl. 3. fig. 2.

OPUNTIA MEGALARTHRA Rose, sp. nov.

Plants 1 to 4 meters high, often much branched and the arms widely spreading; joints generally orbicular, very large, often 30 cm. or rarely 50 cm. in diameter, glaucous, bluish green, very thick and turgid; areoles distant, 4 to 6 cm. apart, brownish when young, black in age; spines yellow, 2 to 6 at each areole on young joints, on old joints as many as 8, very stout, 4 cm. long or more, more or less flattened or angled; glochides yellow, numerous; flowers lemon-yellow, 7 to 8 cm. broad; fruit globular, oblong, sometimes 7 cm. long, purplish.

Type in U. S. National Herbarium, no. 453,757, collected at Hacienda Palmar, near Pachuca, Hidalgo, Mexico, by Rose & Painter, July 21, 1905 (no. 10,255).

Distribution: A common and widely distributed species in the States of Hidalgo, Queretaro, Zacatecas, and San Luis Potosi.

Series PROCUMBENTES

Depressed or prostrate plants with yellow spines.