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17 SEP. 1902



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# The West American Scientist

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## CACTUS NOTES.

The following have been described by Coulter under the generic name *Cactus*—those which prove to be valid species we will name as *Mammillarias*, but will not yet make the transfer, as some are known to be synonyms only of old species:

### *CACTUS ALTERNATUS* Coulter.

"Subglobose, 10 cm. in diameter, simple: tubercles long (15-20 mm) and spreading, with woolly axils: radial spines 3, rigid and recurved, 5 mm long; central spines 3, very stout and much recurved, 20-30 mm long, alternating with the radials; all ashy colored and often twisted: flower and fruit unknown: Type, in Herb. Coulter. San Luis Potosi (Eschauzier of 1891)."—Coulter Cont U S Nat Hb 3:95

### *CACTUS ESCHAUZIERI* Coulter.

"Depressed-globose, 3 cm in diameter, simple: tubercles broader at base, 6-8 mm long, with naked axils: spines all pubescent; radials 15-20, with dusky tips, the lateral 10-12 mm long, the lower weaker, shorter and curved, the upper shorter, solitary central spine reddish, slender, somewhat twisted, usually hooked upwards, 15-20 mm long: flowers red (?): fruit reddish (?), ovate, about 10 mm long: seeds reddish, oblique-obovate, 1.2 mm long, pitted, with subventral hilum. Type in Herb. Coulter. San Luis Potosi (Eschauzier of 1891)."—Coulter Cont U S

Nat Hb 3:104.

### *CACTUS PRINGLEI* Coulter.

"Globose (?), 5 cm in diameter: tubercles short-conical, about 6 mm long, with very woolly axils: radial spines 18-20, setaceous-bristly and radiant, 5-8 mm long, central spines 5-7 (usually 6), stout and horny, more or less recurved, spreading, 20-25 mm long; all straw-colored, but the centrals darker: flowers deep red (darker, even brownish outside), 8-10 mm long: fruit unknown. Type, Pringle of 1891 in Herb. Gray."—Coulter, Cont U S Nat Hb 3:109.

### *CACTUS MACULATUS* Coulter.

cm, simple: t

"Obovate-cylindrical, 6 by 8 cm, somewhat cespitose: tubercles ovate, terete, 10 mm long, grooved to the base, with naked axils: radial spines 10 or 11, straight and spreading, rigid, blackish (becoming ashy with age), black-tipped, 12 mm long; central spine large, more or less spotted, erect, 25-35 mm long: flower 13 mm long, pinkish: fruit unknown. Type in Herb. Coulter. San Luis Potosi (Eschauzier of 1891)."—Coulter Cont U S Nat Hb 3:117.

### *CACTUS BRUNNEUS* Coulter.

"Obovate-cylindrical, 3 by 6 cm, simple. tubercles ovate, grooved to the base, 5-6 mm long, with woolly axils: radial spines 11-15, spreading, rather rigid and brownish (lighter with age), 8-10 mm long; central spine much larger, 20 mm long, hooked: flower and fruit unknown. Type in Herb. Coulter. San Luis Potosi (Eschauzier of 1891)."—Coulter Cont U S Nat Hb 3:117.

### *CACTUS DENSISPINUS* Coulter.

"Globose, 7.5 cm in diameter, simple: tubercles short, with woolly axils: radia

spines about 25, erect-spreading, slender but rigid, yellow (brownish to black with age), unequal, 8-10 mm long; central spines 6, a little longer (10-12 mm) and straight, more rigid and darker, black tipped; seeds obovate, reddish-brown, 2 mm long. Type in Herb. Coulter. San Luis Potosi (Eschauzier of 1891). Very easily distinguished by its dense, erect spines, which so completely cover the plant as to give it the appearance of a large chestnut burr."—Coulter Cont U S Nat Hb 3:96-97.

*Mammillaria castanoides*, M. Wegner, *M. densispina*, and *M. fuscata*, are probably all identical with this species.

RAMIREZ, JOSE:

—et Gabriel V. Alcocer: *Sinonimia vulgar y cientifica de las plantas mexicanas*. Mexico, 1902. 160 p. From the author.

Dr. Ramirez records the following common names of cacti:

Peyote—*Anhalonium fissuratum*, *lewinii* et *williamsii*.

Peyotl—*Anhalonium fissuratum*, *lewinii* et *williamsii*.

Hikori—*Anhalonium lewinii* et *williamsii*.

Ho—*Anhalonium lewinii* et *williamsii*.

Wakowi—*Anhalonium lewinii* et *williamsii*.

Organo—*Cereus marginatus*.

Cabeza de viejo—*Cereus senilis*.

Junco espinoso—*Cereus serpentinus*.

Xoalactl—*Cereus speciosissimus*.

Xnuntutzuy—*Cereus tetragonus*.

Biznaga de chilitos—*Echinocactus cornigerus*.

Junco—*Mammillaria coronaria*.

Biznaga—*Mammillaria pusilla* et *sphaerica*.

Jarana de pitahayita—*Phyllocactus angulifer*.

Pitayita de agua—*Phyllocactus latifrons*.

Marta—*Phyllocactus phyllanthoides*.

Nopalxochicuezalitic—*Phyllocactus phyllanthoides*.

Abrojo—*Opuntia tunicata*.

Culhua—*Opuntia vulgaris*.

Nopal real—*Opuntia microdasys*.

Patillon—*Pereskia calandrinialifolia*.

Pititache—*Pereskia calandrinialifolia*.

Reina de la noche—*Phyllocactus latifrons*.

Para—*Opuntia tuna*.

Pari—*Opuntia tuna* et *vulgaris*.

Nopal—*Opuntia engelmannii*.

Tuna—*Opuntia ficus indicus*.

Nocheznopalli—*Opuntia hernandezii*.

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