

2002 SUPPLEMENT FOR:

**FLORA OF THE GRAN DESIERTO AND RÍO COLORADO
OF NORTHWESTERN MEXICO**

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University of Arizona Press. 2000.

Also see: University of Arizona Herbarium (ARIZ) website:
<http://eebweb.arizona.edu/HERB/index.html>

Page 41. Table 2, gives 79 non-native species; the correct number is 88: 54 Dicotyledons and 34 Monocotyledons (p. 33 and Appendix D, p. 604).

Page 45. **Astrolepis** instead of *Astrolepsis*.

Selaginellaceae: Habit drawing represents ***S. eremophila***. (A) ***S. arizonica***; (B) ***S. eremophila***. The illustrations represent dorsal (adaxial) surfaces of leaves. The larger leaves (1) are from the undersides of stems, the smaller leaves (2) are from the uppersides of stems.

Page 74. ***Rhus aromatica***. The variety in the flora area best conforms to var. **trilobata** (Nuttall) A. Gray [*R. trilobata* Nuttall ex Torrey & A. Gray]. Western North America from Alberta to Iowa to northern Mexico.

Page 85. Add to the flora: ***Matelea parvifolia*** (Torrey) Woodson. Small perennial vines. Leaves more or less arrow-shaped. Flowers olive green to brown-purple; fruits elongated with a few blunt tubercles. Found at the northeastern margin of the flora area. Vining in shrubs along washes and small arroyos in the Sierra Cipriano southwest of Sonoyta; more common in nearby Arizona. Mojave Desert in California and southern Nevada to Texas, Baja California and Sonora.

10 km SW of Sonoyta on Mex Hwy 8, locally common, *F 88-172*.

Page 128. ***Encelia farinosa***. *Hierba del bazo*, not *hierba del vaso*.

Page 203. Illustration for ***Opuntia ramosissima*** is a repeat of ***O. fulgida*** (see page 4).

Page 215-223. **Opuntia**. There is strong evidence for more natural generic definitions in the subfamily Opuntioideae. In this regard, *Opuntia* sensu lato in western North America is treated as three rather well-defined genera: *Cylindropuntia*, *Grusonia* (*Corynopuntia*), and *Opuntia*. References: E. F. Anderson. 2001. *The Cactus Family*. Timber Press. Portland, Oregon. D. Hunt & N. Taylor, eds. 2002. *Studies in the Opuntioideae (Cactaceae)*. David Hunt. Sherborne, England.

Cylindropuntia. Cholla. Southwestern United States, Mexico, and the Caribbean; 34 species. Reference: D. J. Pinkava. 1999. Vascular Plants of Arizona: Cactaceae, Cactus Family, part three, *Cylindropuntia* (Engelm.) Knuth, Chollas. Journal of Arizona-Nevada Academy of Science 32:32-47.

Cylindropuntia acanthocarpa (Engelmann & J. M. Bigelow) F. M. Knuth [*Opuntia acanthocarpa* Engelmann & J. M. Bigelow].

Cylindropuntia acanthocarpa var. **coloradensis** (L. D. Benson) Pinkava [*Opuntia acanthocarpa* var. *coloradensis* L. D. Benson].

Cylindropuntia acanthocarpa var. **major** (Engelmann & J. M. Bigelow) Pinkava [*Opuntia acanthocarpa* var. *major* (Engelmann & J. M. Bigelow) L.D. Benson].

Cylindropuntia arbuscula (Engelmann) F. M. Knuth [*Opuntia arbuscula* Engelmann].

Cylindropuntia bigelovii (Engelmann) F. M. Knuth var. **bigelovii** [*Opuntia bigelovii* Engelmann var. *bigelovii*].

Cylindropuntia echinocarpa (Engelmann & J. M. Bigelow) F. M. Knuth [*Opuntia echinocarpa* Engelmann & J. M. Bigelow].

Cylindropuntia fulgida (Engelmann) F. M. Knuth var. **fulgida** [*Opuntia fulgida* Engelmann var. *fulgida*].

Cylindropuntia leptocaulis (de Candolle) F. M. Knuth [*Opuntia leptocaulis* de Candolle].

Cylindropuntia ramosissima (Engelmann) F. M. Knuth [*Opuntia ramosissima* Engelmann].

Grusonia. North American deserts; 13 species. Reference: D. J. Pinkava. 1999. Vascular Plants of Arizona: Cactaceae, Cactus Family, part 4, *Grusonia* F. Rchb., Club-chollas. Journal of Arizona-Nevada Academy of Science 32:48-52.

Grusonia kunzei (Rose) Pinkava [*Opuntia kunzei* Rose].

Page 229. **Wislizenia refracta** subsp. **palmeri**.

Page 297. Couplet 1' should read: 10-20 mm wide.

Page 369. **Boerhavia caribaea** Jacquin. Since publication of the Gran Desierto Flora, Richard Spellenberg (personal communication, 2001) has concluded that *B. caribaea* and *B. diffusa* are distinct species. In this interpretation *B. caribaea* is the species in the Gran Desierto and elsewhere in the Sonoran Desert.

Page 373. **Mirabilis laevis** (Bentham) Curran var. **villosa** (Kellogg) Spellenberg [*M. bigelovii* A. Gray]. Spellenberg's interpretation of this species includes three varieties, ranging from eastern Oregon and southwestern Utah to northern Baja California Sur and northwestern Sonora; he maps var. *villosa* from southern Nevada and southwestern Utah to Baja California and northwestern Sonora. Reference: R. Spellenberg & S. Rodríguez Tijerina. 2001. Geographic variation and taxonomy of North American species of *Mirabilis*, Section *Oxybaphoides* (Nyctaginaceae). *Sida* 19:539-570.

Page 436. **Petunia parviflora** Jussieu [*Calibrachoa parviflora* (Jussieu) D'Arcy]. Following the work of Hunziker, Philip Jenkins (personal communication 2002), in his studies for the Flora of North America project, found no reason to segregate *Calibrachoa* from *Petunia*. Reference: A. T. Hunziker. 2001. The genera of Solanaceae. A. R. G. Gantner. 2001. Königstein, Germany.

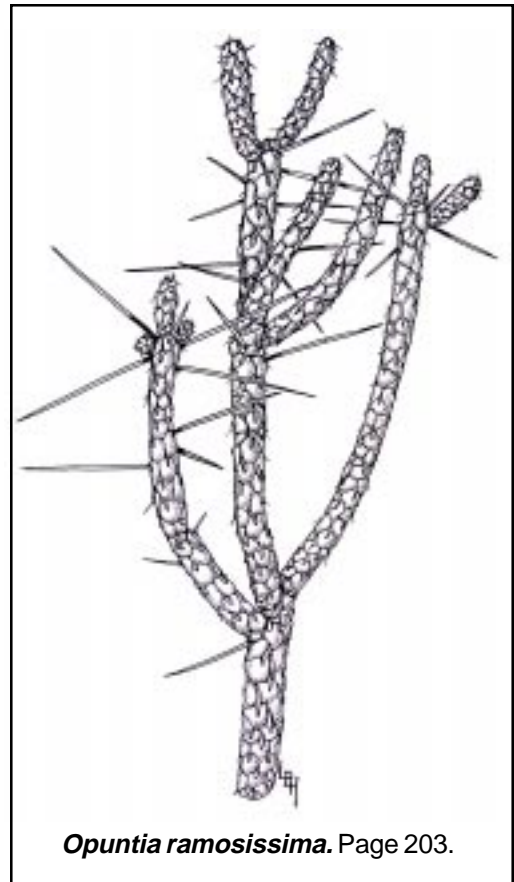
Page 499. Illustration for ***Bromus rubens*** is a repeat of ***B. berterianus*** (see p. 4).

Page 501. Illustration for ***Chloris virgata*** is a repeat of ***Cynodon dactylon*** (see p. 4).

Page 559. **Stuckenia pectinata** Börner [*Potamogeton pectinatus* Linnaeus]. Reference: R. Haynes & C. B. Hellquest. 2000. Potamogetonaceae. In vol. 22 of Flora of North America north of Mexico, 47-74. Oxford University Press. New York.



Chloris virgata. Note spikelet with glumes removed. Page 501.



Opuntia ramosissima. Page 203.



Bromus rubens. Page 499.