


Who knew there were so many bluegrasses in Mexico? This monographic study of the Mexican species of the large (500+ species), taxonomically complex, world-wide genus *Poa*, by Smithsonian researchers Robert J. Soreng and Paul M. Peterson, revealed there were 23, including 2 new to science, and 2 previously unknown there. Two other narrow endemics were described only in the last 10 years. The Mexican species occur mainly in the mountains, and especially in the alpine. Most of the species occurrences in Mexico presumably reflect establishment during cooler climates of past glacial cycles. Today, several are living on the edge of extinction. Eleven natives are globally rare, or rare in Mexico. Breeding system diversity is high: asexual seed production is obligate in several and facultative in some others, one is dioecious, and some are gynomonocious, several are perfect-flowered. At least 3 arrived by long-distance-dispersal from South America's Andes; 2 aided by asexual reproduction, 1 by the capacity to self-fertilize.



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REVISION OF *POA* L. (POACEAE, POOIDEAE, POEAE, POINAE) IN MEXICO: NEW RECORDS, RE-EVALUATION OF *P. RUPRECHTII*, AND TWO NEW SPECIES, *P. PALMERI* AND *P. WENDTII*

BY ROBERT J. SORENG, PAUL M. PETERSON



Poa fenderiana subsp. *longiligula*

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