Bouteloua Chihuahuana (Gramineae), A New Nomenclatural Combination

J. Travis Columbus
Rancho Santa Ana Botanic Garden

Follow this and additional works at: https://scholarship.claremont.edu/aliso

Part of the Botany Commons

Recommended Citation
Available at: https://scholarship.claremont.edu/aliso/vol14/iss3/35
BOUTELOUA CHIHUAHUANA (GRAMINEAE), A NEW NOMENCLATURAL COMBINATION

J. TRAVIS COLUMBUS

Rancho Santa Ana Botanic Garden
1500 North College Avenue
Claremont, California 91711-3157

In 1982 Johnston described Bouteloua rigidiseta (Steud.) Hitchc. var. chihuahuana from material he and others gathered from the northern end of Sierra de Las Pampas, near Ciudad Camargo, Chihuahua, México (Chiang et al. 8811; holotype: LL; isotypes: CAS!, MEXU, NY!). Other collections made since that publication are Allred 5820 (ANSM, NMCR, RSA) and Columbus 2289 (RSA and to be distributed), both from the type locality. My research has shown that this taxon is not closely related to B. rigidiseta var. rigidiseta and merits recognition as a distinct species:

Bouteloua chihuahuana (M. C. Johnst.)
J. T. Columbus, stat. et comb. nov.

Basionym: Bouteloua rigidiseta (Steud.) Hitchc. var. chihuahuana

Bouteloua chihuahuana differs from B. rigidiseta in many characters, including vegetative, inflorescence, and spikelet. Its closest relatives appear to be B. chondrosioides (Kunth) Benth. ex S. Watson, B. eludens Griffiths, and B. johnstonii Swallen. A complete account, including micromorphology and anatomy, of B. chihuahuana and close relatives is forthcoming.