Abstract

The greatest diversity and endemism of Coreopsideae Turner et Powell (Asteraceae) is concentrated in Mexico. Dahlia Cav. is a characteristic genus of Coreopsideae and represented in Jalisco by D. barkerae Knowles et Westc., D. coccinea Cav., D. pugana Aaron Rodr. et A. Castro, D. sherffii P. D. Sorensen and D. tenuicaulis P. D. Sorensen. We describe and illustrate D. pugana as a new species. As far as we know, this taxon is exclusive to Jalisco, pertains to Dahlia section Dahlia, and has morphological similarities with D. barkerae, D. brevis P. D. Sorensen and D. scapigera (A. Dietr.) Knowles et Westc. with which it is compared. Finally, we include an identification key for the species that grow in Jalisco.

Keywords

Compositae, Heliantheae, endemism, species richness.