

Appendix S5. Disjunctive and overlapping areas of endemism.

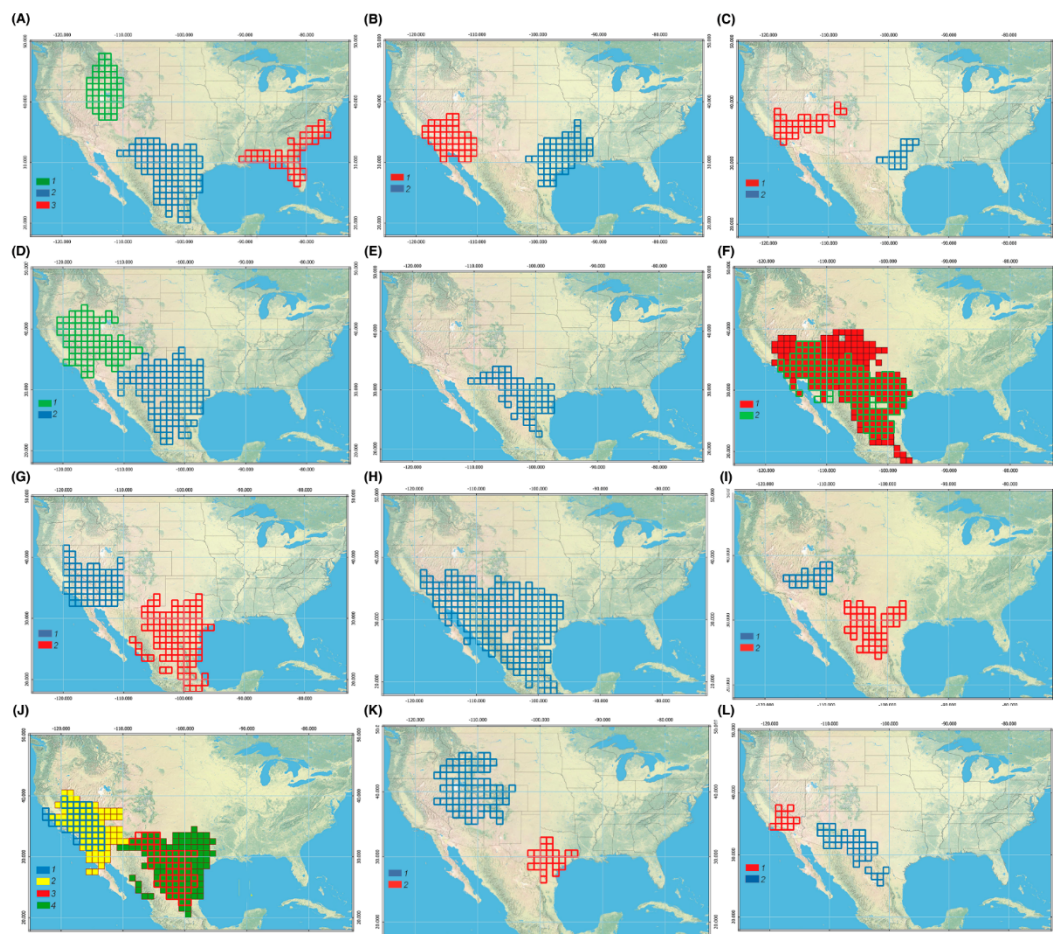


Fig. S1. Areas of endemism (AEs) based on consensus areas of endemism (CAs) recovered for angiosperm and Ephedra species found in south central and southwestern U.S.A. during endemicity analysis (EA) with cut-off 40%, various cell sizes, and minimum species scores.

(a1). AE1. Mid Rocky Mountains; (a2). AE21. Chihuahuan-Tamaulipan-Sierra Madre Oriental; (a3). AE27. Gulf Coastal Plain; (b1). AE6. Mohave-North Sonora; (b2). AE25. Comanchian; (c1). AE12. Colorado Plateau-Mohave-Colorado Desert; (c2). AE26. Edwards Plateau; (d1). AE4. Great Basin-Colorado Plateau; (d2). AE16. Chihuahuan (to South Prairie); (e). AE17. North Chihuahuan-South Texas; (f1). AE3. S Rocky Mountains-Colorado Plateau-East Madrean; (f2). AE15. Sonoran-Chihuahuan; (g1). AE7. South Great Basin-

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Mohave-North Sonora; (g2). AE22. East Madrean-Tamaulipan; (h). AE13. Madrean Region
Montane; (i1). AE11. Mogollon; (i2). AE19. South Texas-Coahuila; (j1). AE5. South
California Province-Southeast Great Basin-Mohave-North Sonora; (j2). AE10. Southwest
North American; (j3). AE 20. North Chihuahuan; (j4). AE 23. Southcentral U.S.A.-East
Madrean; (k1). AE2. E Great Basin-Rocky Mountains; (l1). AE8. South Sierra Nevada-
Mohave; (l2). AE14. Apachian-North Chihuahuan. The base maps are ESRI Physical and
U.S.A. States.

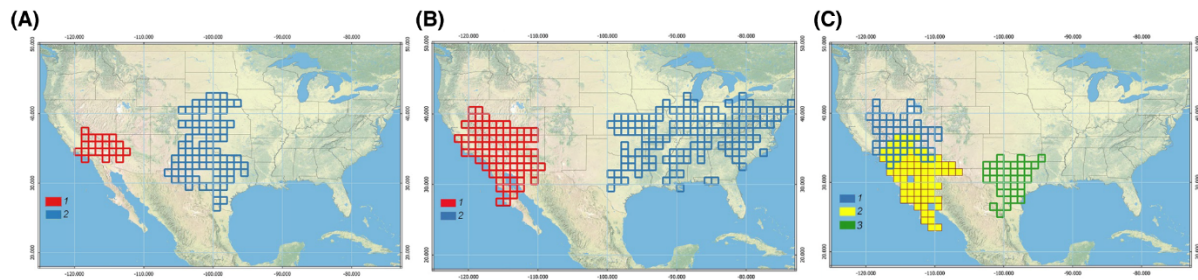


Fig. S 2. Areas of endemism (AEs) based on consensus areas of endemism (CAs) recovered for angiosperm and Ephedra species found in south central and southwestern U.S.A. during endemicity analysis (EA) with cut-off 40%, various cell sizes, and minimum species scores (Fig. S1 continued).

(a1). AE6.1 Mohave-South Great Basin; (a2). AE25. South Prairie; (b1). AE9. Southwest North American; (b2). AE28. Appalachian; (c1) 4.1 South Great Basin – Mojave; (c2). AE9 Sonoran; (c3) AE18. Central Texas. The base maps are ESRI Physical and U.S.A. States.