Vegetation of Guadalupe Mountains National Park

500000 510000 520000 530000

3540000 3530000 3520000

New Mexico
Texas

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Level 1 Vegetation Map

Guadalupe Mountains National Park Boundary

Level 1 Vegetation

1. Madrean Upper Montane Conifer - Oak Forest & Woodland
2. Madrean Lower Montane Pine - Oak Forest & Woodland
3. Madrean Pinyon - Juniper Woodland
4. Madrean Encinal
5. Southern Rocky Mountain Gambel Oak - Mixed Montane Shrubland
6. Eastern Madrean Chaparral
7. Chihuahuan Desert Foothill - Piedmont & Lower Montane Grassland
8. Chihuahuan Gypsophilous Grassland
9. Chihuahuan Gypsophilous Scrub
10. Chihuahuan Desert Succulent Scrub
11. Chihuahuan Creosotebush - Mixed Desert Scrub
12. Warm Semi-Desert Shrub & Herb Dry Wash & Colluvial Slope
13. Western Interior Riparian Forest & Woodland
14. Arid West Interior Freshwater Marsh
15. North American Warm Desert Ruderal Grassland
16. North American Warm Semi-Desert Cliff, Scree & Pavement Sparse Vegetation
17. Built-up Land - Miscellaneous



This map is based on a combination of 2004 color infrared from the Texas Land Office, 2008, 2014, and 2016 natural color NAIP orthophotography along with undated natural color imagery provided on-line by ESRI Inc. Imagery spatial resolution was approximately one meter. Map units were defined in terms of The US National Vegetation Classification (USNVC.org) and delineated using automated digital image segmentation and spectral analysis plus direct aerial photo interpretation. The classification is based on 542 field survey points collected between 7/29/2006 and 7/13/2010. Final map compiled in ArcGIS Version10.4, 7/13/2018. For details see Muldavin, E., Y. Chauvin, J. Smith, T. Neville, and P. Neville. 2018. A Vegetation Classification and Map: Guadalupe Mountains National Park. Natural Resource Report NPS/CHDN/NRR–201X/00X, National Park Service, Fort Collins, Colorado.

0 1,000 2,000 4,000 6,000 8,000 Meters

0 0.5 1 2 3 4 Miles

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Produced by Natural Heritage New Mexico and Earth Data Analysis Center, University of New Mexico
May 2018