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| **Supplement 3.** Complete list of species used for cover by Mojave desert tortoises across nine sites in the Mojave Desert (see Fig. 1). Plant Functional Type (PFT) is adapted from Shryock et al. (2014) and denotes growth forms that have high (“+”) or low (“-“) recovery following fire: cactus (Cac-), perennial forbs (PF+), perennial grasses (PG+), and woody species (W+ or W-) based on life-history traits (i.e., lifespan, seed mass, dispersal, height class, and leaf longevity). “Total” denotes the total number of times tortoises were found using each taxon. \*Taxa not included in use because only observed at Arden, Nevada site. |
| 1. **Native species that comprise ≥ 1% of total cover**
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| PFT | Species | Total | % Use | Freq of sites |
| W- | *Larrea tridentata* | 1755 | 41.91 | 9 |
| W- | *Ambrosia dumosa* |  942 | 22.50 | 9 |
| W- | *Ephedra nevadensis* |  189 | 4.51 | 8 |
| W- | *Yucca schidigera* | 185 |  4.42 | 6 |
| W- | *Lycium andersonii* | 173 |  4.13 | 7 |
| W+ | *Ambrosia salsola*  | 145 |  3.46 | 5 |
| PF+/ W+ | *Sphaeralcea ambigua* | 123 |  2.94 | 6 |
| W- | *Yucca brevifolia* | 120 |  2.87 | 4 |
| W- | *Atriplex hymenolytra* | 53 |  1.27 | 1 |
| W- | *Krameria erecta* | 53 |  1.26 | 5 |
| W- | *Artemisa filifolia* | 46 |  1.10 | 1 |
| W- | *Ephedra* sp*.* | 44 |  1.05 | 1 |
| W- | *Psorothamnus fremontii* | 42 | 1.00 | 3 |
|  |  |  |  |  |
| 1. **Native species that comprise < 1% of total cover**
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| Forma | Species | Total | % Use | Freq of sites |
| W- | *Coleogyne ramossisima* | 40 | 0.96 | 2 |
| W- | *Senna armata* | 36 | 0.86 | 2 |
| W- | *Ephedra californica* | 28 | 0.67 | 1 |
| W+ | *Gutierrezia* sp. | 21 | 0.50 | 2 |
| W+ | *Encelia farinosa* | 20 | 0.48 | 5 |
| W- | *Peucephyllum schotii* | 18 | 0.43 | 1 |
| W- | *Atriplex confertifolia* | 17 | 0.41 | 1 |
| W- | *Atriplex canescens* | 12 | 0.29 | 2 |
| PG+ | *Hilaria rigida* | 12 | 0.29 | 3 |
| W- | *Krascheninnikovia lanata* | 11 | 0.26 | 2 |
| W- | *Tetradymia axillaris* | 10 | 0.24 | 1 |
| W- | *Thamnosma montana* | 10 | 0.24 | 2 |
| W- | *Ephedra viridis* | 9 | 0.21 | 2 |
| W+ | *Salazaria mexicana* | 7 | 0.17 | 1 |
|  | *Ericameria cooperi* | 6 | 0.14 | 1 |
| W+ | *Eriogonum fasciculatum* | 6 | 0.14 | 3 |
| PF+ | *Eriogonum inflatum* | 6 | 0.14 | 2 |
| W- | *Prunus fasciculatum* | 6 | 0.14 | 2 |
| W+ | *Ericameria nauseosum* | 5 | 0.12 | 2 |
| W- | *Grayia spinosa* | 4 | 0.10 | 1 |
| W- | *Artemisia tridentata* | 3 | 0.07 | 1 |
| Cac- | *Echinocactus polycephalus* | 3 | 0.07 | 2 |
| W+ | *Encelia frutescens* | 3 | 0.07 | 2 |
| W+ | *Ericameria* spp*.* | 3 | 0.07 | 1 |
| W+ | *Gutierrezia sarothrae* | 3 | 0.07 | 1 |
| W- | *Krameria erecta* | 3 | 0.07 | 1 |
| W+ | *Xylorhiza tortifolia* | 2 | 0.05 | 1 |
| W- | *Senegalia gregii* | 1 | 0.02 | 1 |
| W- | *Chilopsis linearis* | 1 | 0.02 | 1 |
| W+ | *Encelia actoni* | 1 | 0.02 | 1 |
| W+ | *Encelia virginensis* | 1 | 0.02 | 1 |
| PF+ | *Eriogonum deflexum* | 1 | 0.02 | 1 |
| W+ | *Gutierrezia microcephala* | 1 | 0.02 | 1 |
| PF+/W+ | *Lepidium fremontii* | 1 | 0.02 | 1 |
| PF+/W+ | *Lepidium* sp. | 1 | 0.02 | 1 |
| W- | *Menodora spinescens* | 1 | 0.02 | 1 |
| Cac- | *Opuntia ramosissima* | 1 | 0.02 | 1 |
| W+ | *Psilostrophe cooperi* | 1 | 0.02 | 1 |
| unk | *Salvia* sp. | 1 | 0.02 | 1 |
| W- | *Atriplex spinifera* | \* | \* | 1 |