

Both current arb taxa and additional DELEP species are combined here.
Top Rated Taxa (Scored 11) for Current Climate with MAT of 21°C

LEGENDS

| | |
|--|---|
| Observed at 23.5C MAT at <287 mm water | MAT, °C = Mean Annual Temperature |
| Observed at 23.5C MAT at 290-500mm water | MHM, °C = Mean of Hottest Month |
| Observed at 23.5C MAT at <287 mm water | MCQ, °C = Mean of Coldest Quarter |
| Observed at 23.5C MAT at 290-500mm water | MAP, mm/year = Mean Annual Precipitation |
| *bolded species have not been recored on campus | MDQ, mm/qtr = Mean Driest Quarter |

| Taxon | MAT, °C | MHM, °C | MCQ, °C | MAP, mm/year | MDQ, mm/qtr |
|-------------------------------------|----------------|----------------|----------------|---------------------|--------------------|
| <i>Pleradenophora bilocularis</i> | 21.7 | 18.6 | 7.7 | 115 | 3 |
| <i>Psorothamnus spinosus</i> | 20.9 | 28.8 | 9.3 | 168.75 | 7.75 |
| <i>Condalia globosa</i> | 21.6 | 28.4 | 10.6 | 173.5 | 6.38 |
| <i>Yucca valida</i> | 20.1 | 25.1 | 11 | 176 | 6.75 |
| <i>Parkinsonia africana</i> | 20.4 | 26.3 | 9.5 | 180.62 | 9 |
| <i>Prosopis pubescens</i> | 19.7 | 30.2 | 8.6 | 181.9 | 10.6 |
| <i>Prosopis palmeri</i> | 21.8 | 27.8 | 11.6 | 186.38 | 4.5 |
| <i>Parkinsonia florida</i> | 20.3 | 24.3 | 7.7 | 207.5 | 10.83 |
| <i>Vallesia laciniata</i> | 20.2 | 26.9 | 10.2 | 212.25 | 7.25 |
| <i>Pachycormus discolor</i> | 18.1 | 24.3 | 9 | 221.25 | 25.75 |
| <i>Olneya tesota</i> | 20.8 | 30.4 | 9.9 | 221.6 | 9.6 |
| <i>Stenocereus gummosus</i> | 19.6 | 24.5 | 10.8 | 224 | 7.62 |
| <i>Bursera hindsiana</i> | 19.5 | 24.6 | 9.4 | 228.88 | 18.75 |
| <i>Maytenus phyllanthoides</i> | 22.3 | 23.2 | 10.1 | 251.67 | 7.83 |
| <i>Pachycereus pringlei</i> | 18.9 | 24.3 | 8.8 | 261.12 | 32.88 |
| <i>Senegalia greggii</i> | 18.5 | 27.9 | 9.3 | 271.1 | 10.6 |
| <i>Fouquieria diguetii</i> | 19.8 | 24.1 | 10 | 272.5 | 33 |
| <i>Parkinsonia microphylla</i> | 19.8 | 27.3 | 8.6 | 281.5 | 16.5 |
| <i>Prosopis velutina</i> | 20 | 30.1 | 9.3 | 283.4 | 25.1 |
| <i>Acacia aneura</i> | 20.1 | 28.4 | 10 | 290 | 39.2 |
| <i>Acacia craspedocarpa</i> | 20.1 | 26.7 | 9.4 | 290.62 | 35.38 |
| <i>Bursera microphylla</i> | 19.9 | 25.1 | 8.8 | 291.38 | 30.38 |
| <i>Acacia jennerae</i> | 18 | 24.6 | 8.3 | 294.12 | 48.12 |
| <i>Bursera laxiflora</i> | 22.9 | 28.1 | 11.5 | 296 | 8.25 |
| <i>Acacia ramulosa</i> | 20.3 | 26.1 | 9.4 | 296.5 | 25.75 |
| <i>Acacia stenophylla</i> | 19.2 | 27.6 | 9.4 | 298.2 | 30.8 |
| <i>Acacia ligulata</i> | 17.4 | 23.7 | 8.7 | 302.62 | 36.12 |
| <i>Senegalia montis-usti</i> | 17.6 | 17.5 | 7.6 | 309.33 | 52.33 |
| <i>Fouquieria splendens</i> | 18.6 | 28.2 | 7.6 | 309.7 | 36.1 |
| <i>Stenocereus thurberi</i> | 20.1 | 26.1 | 9.3 | 317.62 | 35.25 |
| <i>Parkinsonia praecox</i> | 21.7 | 27.9 | 11 | 317.88 | 13 |
| <i>Carnegiea gigantea</i> | 19.4 | 29 | 8.2 | 319.4 | 34.2 |
| <i>Vachellia erioloba</i> | 19.5 | 21.5 | 8.2 | 320 | 33 |
| <i>Acacia grasbyi</i> | 20.5 | 26.7 | 9.7 | 321 | 39.12 |

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|--------------------------------|------|------|------|--------|-------|
| <i>Acacia brachystachya</i> | 19.9 | 25 | 9.1 | 321.25 | 59 |
| Acacia cana | 19.8 | 25.8 | 9.1 | 321.38 | 58.25 |
| Acacia murrayana | 20 | 26 | 9.1 | 325.25 | 53 |
| Acacia kempeana | 20.3 | 26.1 | 9.5 | 331.25 | 52.5 |
| Acacia rhodophloia | 20.7 | 26.5 | 9.5 | 336.12 | 48.38 |
| <i>Populus brandegeei</i> | 19.6 | 24.9 | 10.7 | 337.12 | 4 |
| <i>Cylindropuntia fulgida</i> | 20.6 | 26.2 | 8.9 | 339.25 | 28.25 |
| Senegalia burkei | 21 | 15.1 | 8.5 | 340 | 15.5 |
| <i>Myrospermum sousanum</i> | 20.2 | 25.3 | 8.6 | 348.25 | 31 |
| Acacia pachyacra | 20.7 | 26.6 | 9.6 | 348.5 | 52.5 |
| <i>Brahea armata</i> | 17.7 | 25.4 | 9.4 | 351 | 24.4 |
| <i>Vachellia rigidula</i> | 20.4 | 23.7 | 7.6 | 352.5 | 48.83 |
| <i>Acacia cambagei</i> | 20.6 | 25.6 | 9.7 | 359.38 | 51.5 |
| Erythrostemon mexicanus | 20.6 | 22.6 | 8.1 | 363.33 | 44.17 |
| <i>Lysiloma watsonii</i> | 20.3 | 28.5 | 9.9 | 370.5 | 18.38 |
| <i>Abutilon incanum</i> | 21.8 | 26.2 | 10.7 | 381 | 42 |
| <i>Prosopis chilensis</i> | 18.5 | 26.5 | 9.7 | 381.9 | 20.6 |
| <i>Ziziphus spina-christi</i> | 23.7 | 27.6 | 13 | 381.9 | 22.4 |
| Vachellia reficiens | 18 | 17.8 | 7.5 | 382 | 53 |
| <i>Washingtonia filifera</i> | 18.2 | 26.9 | 8.6 | 382.1 | 46.5 |
| <i>Vachellia farnesiana</i> | 20.8 | 22.8 | 9 | 382.83 | 21.67 |
| Acacia tetragonophylla | 18.9 | 25.8 | 9.3 | 385.8 | 58.2 |
| <i>Havardia mexicana</i> | 21 | 28.1 | 10.6 | 389.25 | 16.62 |
| <i>Vachellia tortilis</i> | 21.4 | 25.2 | 11.2 | 395 | 29.88 |
| <i>Phoenix dactylifera</i> | 19.7 | 26.1 | 9.7 | 398.7 | 40.3 |
| <i>Vallesia glabra</i> | 23 | 28.5 | 14.3 | 408.1 | 14 |
| <i>Acacia victoriae</i> | 17.7 | 25.4 | 8.9 | 408.2 | 67.4 |
| <i>Senegalia crassifolia</i> | 18.3 | 23.4 | 8.2 | 412.25 | 59.62 |
| <i>Vachellia constricta</i> | 18.9 | 24.7 | 9.4 | 414.62 | 31.25 |
| Senegalia modesta | 21.4 | 19.5 | 5.6 | 416.5 | 28.5 |
| Albizia anthelmintica | 20.4 | 23.7 | 11.3 | 421.75 | 15 |
| <i>Prosopis alba</i> | 18.1 | 23.2 | 10 | 424.75 | 22.75 |
| <i>Senegalia berlandieri</i> | 19.6 | 28 | 9.4 | 426.8 | 53 |
| <i>Jatropha dioica</i> | 20.3 | 26.8 | 12.4 | 427.6 | 21.1 |
| <i>Brahea brandegeei</i> | 19.2 | 24.5 | 11 | 431.3 | 15.2 |
| Coursetia glandulosa | 22.3 | 30 | 12 | 432.4 | 16.4 |
| <i>Fraxinus greggii</i> | 17.8 | 23.9 | 8 | 434.12 | 53.62 |
| <i>Neoraimondia herzogiana</i> | 17.7 | 20.4 | 9.3 | 436.75 | 41.5 |
| Vachellia nebrownii | 17.8 | 19.9 | 6.2 | 436.83 | 67.17 |
| <i>Jatropha cordata</i> | 22.5 | 27.5 | 12.1 | 438.5 | 8.38 |
| <i>Fouquieria purpusii</i> | 22.2 | 26.2 | 12.8 | 445.75 | 38.25 |
| Acacia excelsa | 19.4 | 24.4 | 8.8 | 447.12 | 72.5 |
| <i>Celtis pallida</i> | 20.9 | 27.6 | 11.9 | 448.1 | 27.3 |

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|---------------------------------------|------|------|------|--------|-------|
| <i>Neobuxbaumia polylopha</i> | 17.6 | 22.2 | 9 | 451.75 | 45.88 |
| <i>Mariosousa millefolia</i> | 17.7 | 25.3 | 6.5 | 455.88 | 53.12 |
| <i>Albizia brevifolia</i> | 21.4 | 25.4 | 11 | 456.75 | 27 |
| <i>Bauhinia macranthera</i> | 19.7 | 23.8 | 10.1 | 458.25 | 30.25 |
| <i>Yucca rostrata</i> | 17.3 | 25.9 | 8.4 | 461.4 | 46 |
| <i>Acacia salicina</i> | 17.5 | 25.2 | 9.4 | 465.5 | 81.5 |
| <i>Fouquieria formosa</i> | 20.1 | 23.5 | 12.5 | 468.75 | 13.75 |
| <i>Yucca grandiflora</i> | 19.9 | 27.5 | 9.5 | 469.12 | 22.5 |
| <i>Senegalia occidentalis</i> | 20.4 | 27.4 | 7.9 | 470.38 | 68.38 |
| <i>Senegalia fleckii</i> | 18.4 | 19.8 | 6.6 | 471.33 | 67.17 |
| <i>Havardia pallens</i> | 22.4 | 22.7 | 10.9 | 472.33 | 38.67 |
| <i>Fouquieria fasciculata</i> | 19.3 | 23.6 | 10.7 | 473.38 | 49.62 |
| <i>Bauhinia lunarioides</i> | 20.5 | 28.2 | 9.7 | 474.3 | 59.9 |
| <i>Vachellia exuvialis</i> | 18.5 | 18.8 | 7.7 | 477.17 | 53 |
| <i>Vachellia grandicornuta</i> | 17.6 | 17.4 | 7.1 | 478 | 59.5 |
| <i>Senegalia erubescens</i> | 18.5 | 19.5 | 6.8 | 478.5 | 67.83 |
| <i>Sabal uresana</i> | 19.8 | 24.7 | 8.9 | 479.5 | 48.75 |
| <i>Vachellia borelae</i> | 19.4 | 20.7 | 8 | 482.67 | 55.17 |
| <i>Prosopis nigra</i> | 19.3 | 26.1 | 9.8 | 483.2 | 41.8 |
| <i>Prosopis laevigata</i> | 19.9 | 26.6 | 13.2 | 490.83 | 19.17 |
| <i>Acacia ixodes</i> | 18.3 | 23.8 | 8 | 492 | 82.5 |
| <i>Mimosa palmeri</i> | 23 | 28.1 | 12.1 | 494.12 | 15 |
| <i>Acacia harpophylla</i> | 19.1 | 24.4 | 9.1 | 495.25 | 78.75 |
| <i>Ebenopsis ebano</i> | 22.4 | 28 | 11.7 | 496.2 | 42.2 |
| <i>Senegalia galpinii</i> | 18.6 | 23 | 9.4 | 500.5 | 30 |
| <i>Senegalia galpinii</i> | 18.6 | 23 | 9.4 | 500.5 | 30 |
| <i>Manihot caudata</i> | 19.7 | 24.8 | 11.5 | 510.5 | 10.75 |
| <i>Senegalia wrightii</i> | 18.6 | 20.6 | 6 | 510.5 | 87.5 |
| <i>Bursera fagaroides</i> | 18.3 | 20.2 | 7.3 | 518.67 | 45 |
| <i>Callaeum macropterum</i> | 20.4 | 24.4 | 9.4 | 519 | 40.88 |
| <i>Dombeya rotundifolia</i> | 18.3 | 21.6 | 10 | 524.25 | 30.5 |
| <i>Ipomoea arborescens</i> | 20.9 | 24.1 | 12.5 | 529.38 | 33.75 |
| <i>Nolina matapensis</i> | 18.1 | 25.2 | 9.3 | 533.5 | 20.38 |
| <i>Cordia boissieri</i> | 21.5 | 27.3 | 11.6 | 537.3 | 44.4 |
| <i>Stetsonia coryne</i> | 20.1 | 23.3 | 10.3 | 540.38 | 48 |
| <i>Aloe marlothii</i> | 17.4 | 21.2 | 8.5 | 544 | 46 |
| <i>Lysiphyllum carronii</i> | 20.8 | 23.8 | 10.8 | 545.12 | 73 |
| <i>Carissa macrocarpa</i> | 18.8 | 22.9 | 10.4 | 548.4 | 62.1 |
| <i>Yucca treculeana</i> | 19.9 | 24.6 | 9.3 | 549.75 | 76.25 |
| <i>Brachychiton rupestris</i> | 18.3 | 23.8 | 9.5 | 550.6 | 83.8 |
| <i>Ficus petiolaris</i> | 20.1 | 24.3 | 10.3 | 552.88 | 35.12 |
| <i>Ziziphus mucronata</i> | 21 | 25.5 | 13.2 | 571 | 27.3 |
| <i>Quercus canbyi</i> | 18.3 | 25.3 | 8.8 | 580.6 | 81 |

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| <i>Senegalia caffra</i> | 21.8 | 20.2 | 9.5 | 588.17 | 58.33 |
| <i>Phanera variegata</i> | 21.7 | 16.3 | 8 | 591.5 | 4.5 |
| <i>Dovyalis caffra</i> | 17.6 | 20.7 | 9.8 | 593.5 | 65.5 |
| <i>Kalanchoe beharensis</i> | 19.6 | 23.2 | 11.2 | 593.7 | 42.7 |
| <i>Vachellia kirkii</i> | 20.7 | 19.5 | 12.3 | 601 | 31.33 |
| <i>Casimiroa edulis</i> | 18.2 | 23.6 | 11.6 | 605.5 | 31.4 |
| <i>Euphorbia trigona</i> | 19.6 | 20 | 7.4 | 606 | 47.67 |
| <i>Vachellia xanthophloea</i> | 20 | 23.4 | 12.5 | 607.9 | 36.5 |
| <i>Ehretia anacua</i> | 20.9 | 27.1 | 11.2 | 612.9 | 79 |
| <i>Vachellia aroma</i> | 18.8 | 23.3 | 9 | 619.12 | 75.75 |
| <i>Melaleuca viminalis</i> | 18.8 | 22.1 | 10 | 628.25 | 73.75 |
| <i>Bolusanthus speciosus</i> | 20.7 | 23.1 | 12.1 | 628.38 | 73.62 |
| <i>Vachellia pennatula</i> | 19 | 20.1 | 7.9 | 632.17 | 63.17 |
| <i>Euphorbia ingens</i> | 17.5 | 21.4 | 9.8 | 637.7 | 40.4 |
| <i>Libidibia paraguariensis</i> | 20.9 | 24.1 | 11.1 | 646.62 | 73.38 |
| <i>Cereus hildmannianus</i> | 18.3 | 21.8 | 9.9 | 647.5 | 84.5 |
| <i>Phoenix pusilla</i> | 23 | 20.4 | 12.4 | 652 | 93 |
| <i>Vachellia gerrardii</i> | 19.3 | 22.1 | 10.9 | 678.25 | 30.38 |
| <i>Yucca aloifolia</i> | 16.6 | 23.9 | 8.4 | 710.2 | 90.2 |
| <i>Euphorbia tirucalli</i> | 19.8 | 23.7 | 11.9 | 728.9 | 45.4 |
| <i>Acaciella angustissima</i> | 19.5 | 23.6 | 11.3 | 734.38 | 33.5 |
| <i>Brahea calcarea</i> | 17.9 | 21.6 | 10.9 | 734.75 | 50 |
| <i>Phoenix reclinata</i> | 21.4 | 23.7 | 13.4 | 755.4 | 68.4 |
| <i>Tecoma stans</i> | 20.6 | 24.6 | 13 | 793 | 50.1 |
| <i>Senna spectabilis</i> | 20.2 | 23.7 | 12.8 | 798.7 | 65.3 |
| <i>Hibiscus rosa-sinensis</i> | 20.4 | 22.8 | 9.8 | 812.12 | 56.38 |
| <i>Pinus roxburghii</i> | 17 | 23.2 | 8.4 | 813.6 | 66.2 |
| <i>Erythrina abyssinica</i> | 19.9 | 22.6 | 13.8 | 823.9 | 39.4 |
| <i>Cereus repandus</i> | 23 | 25.1 | 13.8 | 824.7 | 79.3 |
| <i>Anadenanthera colubrina</i> | 22.3 | 24.4 | 14.6 | 855.4 | 58.9 |
| <i>Persea americana</i> | 19.4 | 21.8 | 10.7 | 862.38 | 75 |
| <i>Ceiba aesculifolia</i> | 21.9 | 25.2 | 14.6 | 866.7 | 54.8 |
| <i>Beaucarnea recurvata</i> | 21.4 | 25.5 | 11.7 | 873.2 | 75.1 |
| <i>Quercus virginiana</i> | 18.8 | 26 | 8.2 | 877.7 | 126.1 |
| <i>Sapindus saponaria</i> | 21.3 | 25.9 | 12.1 | 890 | 86.1 |
| <i>Ceiba insignis</i> | 21 | 24.4 | 13.1 | 892.7 | 92.6 |
| <i>Caesalpinia pulcherrima</i> | 23.4 | 26 | 15.3 | 900.1 | 53.6 |
| <i>Lagerstroemia indica</i> | 16.8 | 24.8 | 7 | 917.7 | 101.5 |
| <i>Sabal palmetto</i> | 19.7 | 24.7 | 9.8 | 923.4 | 141.1 |
| <i>Cascabela thevetia</i> | 22.3 | 24.8 | 14.3 | 929.7 | 67 |
| <i>Cocculus laurifolius</i> | 19.6 | 24.6 | 9.3 | 939.4 | 83.6 |
| <i>Enterolobium contortisiliquum</i> | 21.4 | 24 | 14.2 | 946.3 | 71 |
| <i>Aloysia virgata</i> | 20.7 | 23 | 11.7 | 950.25 | 113 |

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|-----------------------------------|------|------|------|---------|-------|
| <i>Cascabela thevetioides</i> | 22.1 | 24.8 | 16.1 | 953.1 | 78 |
| <i>Delonix regia</i> | 23.2 | 25.1 | 15.4 | 960.4 | 59.4 |
| <i>Peltophorum dubium</i> | 20.9 | 23.7 | 13.8 | 970.8 | 92.9 |
| <i>Ceiba speciosa</i> | 20.2 | 23.8 | 12.2 | 987.2 | 99.6 |
| <i>Psidium guajava</i> | 21.4 | 24.7 | 14.1 | 1002.6 | 76.3 |
| <i>Citrus japonica</i> | 18.1 | 24.4 | 7.9 | 1005.2 | 93 |
| <i>Vitex trifolia</i> | 23.5 | 25 | 14.7 | 1012.2 | 63.8 |
| <i>Handroanthus chrysotrichus</i> | 20.7 | 23.8 | 13.5 | 1017.6 | 90 |
| <i>Eugenia uniflora</i> | 20.3 | 23.8 | 12 | 1028.1 | 117.2 |
| <i>Osmanthus fragrans</i> | 16.7 | 24.7 | 6 | 1037.2 | 103.3 |
| <i>Carica papaya</i> | 22.2 | 25.3 | 13.8 | 1052.9 | 80.6 |
| <i>Rhaphiolepis indica</i> | 18 | 23.3 | 8.9 | 1076.3 | 117 |
| <i>Pereskia grandifolia</i> | 20.2 | 23.6 | 12 | 1107.3 | 80.6 |
| <i>Rhapis excelsa</i> | 19.9 | 24.8 | 10 | 1135.2 | 86.4 |
| <i>Coffea arabica</i> | 18.7 | 23.4 | 11.8 | 1136.2 | 92.8 |
| <i>Calliandra haematocephala</i> | 21.8 | 24.8 | 12.9 | 1138.9 | 110.3 |
| <i>Acer oblongum</i> | 15.9 | 23.6 | 6 | 1154.3 | 94.8 |
| <i>Podocarpus macrophyllus</i> | 17.5 | 23.8 | 7.3 | 1180.6 | 112.3 |
| <i>Xylosma longifolia</i> | 21.4 | 23.5 | 10.6 | 1195.75 | 56.38 |
| <i>Livistona chinensis</i> | 20.5 | 24.7 | 11.6 | 1279.9 | 162.6 |

Top Rated (Scored 11) Taxa for Future Climate With MAT of 23.6°C

Both current arb taxa and additional DELEP species are combined here.

LEGENDS

| | |
|--|---|
| Observed at 23.5C MAT at <287 mm water | MAT, °C = Mean Annual Temperature |
| Observed at 23.5C MAT at 290-500mm water | MHM, °C = Mean of Hottest Month |
| Observed at 23.5C MAT at <287 mm water | MCQ, °C = Mean of Coldest Quarter |
| Observed at 23.5C MAT at 290-500mm water | MAP, mm/year = Mean Annual Precipitation |
| *bolded species have not been recored on campus | MDQ, mm/qtr = Mean Driest Quarter |

| Taxon | MAT, °C | MHM, °C | MCQ, °C | MAP, mm/year | MDQ, mm/qtr |
|--------------------------------|---------|---------|---------|--------------|-------------|
| Acacia sclerosperma | 23.3 | 25.6 | 11.3 | 172.5 | 9.67 |
| <i>Mariosousa willardiana</i> | 23.1 | 28.2 | 11.3 | 181.5 | 5.8 |
| <i>Vallesia laciniata</i> | 20.2 | 26.9 | 10.2 | 212.3 | 7.3 |
| <i>Forchhammeria watsonii</i> | 22.6 | 27.2 | 11.9 | 217 | 6.1 |
| <i>Boswellia sacra</i> | 22 | 23.3 | 11.9 | 227.3 | 40.3 |
| Acacia inaequilatera | 25 | 25.9 | 11.5 | 233.33 | 8.67 |
| Erythrostemon palmeri | 22.3 | 25.9 | 9 | 241.67 | 11.67 |
| Acacia georginae | 22.8 | 27.9 | 10.7 | 247.38 | 16.88 |
| <i>Maytenus phyllanthoides</i> | 22.3 | 23.2 | 10.1 | 251.7 | 7.8 |
| Acacia cyperophylla | 21.6 | 27 | 10.1 | 285.62 | 28.25 |
| <i>Bursera laxiflora</i> | 22.9 | 28.1 | 11.5 | 296 | 8.3 |
| <i>Acacia pruinocarpa</i> | 22.2 | 29.7 | 11.1 | 304.2 | 32.2 |
| <i>Acacia pruinocarpa</i> | 22.2 | 29.7 | 11.1 | 304.2 | 32.2 |
| <i>Coccoloba goldmanii</i> | 23.2 | 27.4 | 12.1 | 306 | 7 |
| <i>Havardia sonorae</i> | 23.5 | 28.3 | 12 | 307.75 | 9.75 |
| Acacia demissa | 21.4 | 27.6 | 9.5 | 312.5 | 32 |
| <i>Fouquieria burragei</i> | 20.2 | 21.4 | 7.8 | 317 | 39.7 |
| <i>Vachellia erioloba</i> | 19.5 | 21.5 | 8.2 | 320 | 33 |
| Acacia sclerosperma | 21.8 | 26.9 | 11.3 | 324.62 | 23.75 |
| <i>Acacia coriacea</i> | 23.2 | 26.6 | 12 | 327.5 | 21.5 |
| <i>Mimosa distachya</i> | 23.5 | 24.4 | 12.4 | 328.3 | 3.7 |
| <i>Parkinsonia praecox</i> | 21.5 | 23.7 | 10.3 | 334.83 | 13 |
| Acacia adsurgens | 23.2 | 27.4 | 11.4 | 337.5 | 29.5 |
| <i>Piscidia mollis</i> | 22.9 | 28.8 | 11.8 | 355.38 | 12.12 |
| Acacia pyrifolia | 23.4 | 27.2 | 11.9 | 359.75 | 37.5 |
| <i>Acacia xiphophylla</i> | 22.3 | 27.2 | 10.8 | 360.62 | 43.75 |
| <i>Albizia sinaloensis</i> | 24.2 | 25.5 | 12.1 | 368.5 | 7.33 |
| <i>Senegalia mellifera</i> | 20.6 | 22.1 | 8.7 | 373.3 | 38 |
| <i>Senegalia mellifera</i> | 20.6 | 22.1 | 8.7 | 373.33 | 38 |
| Vachellia reficiens | 18 | 17.8 | 7.5 | 382 | 53 |
| <i>Vachellia tortilis</i> | 21.4 | 25.2 | 11.2 | 395 | 29.88 |
| <i>Stenocereus alamosensis</i> | 22.3 | 25.5 | 12.3 | 395.5 | 10.6 |
| Acacia hamersleyensis | 21.3 | 26.6 | 9.8 | 401.5 | 47.25 |

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|--|------|------|------|--------|-------|
| <i>Brongniartia alamosana</i> | 22.6 | 28.4 | 11.6 | 401.5 | 15.25 |
| <i>Colophospermum mopane</i> | 21.3 | 24.7 | 12.1 | 401.75 | 28 |
| <i>Senegalia occidentalis</i> | 21.3 | 24.6 | 8 | 401.83 | 48.5 |
| <i>Vallesia glabra</i> | 23 | 28.5 | 14.3 | 408.1 | 14 |
| <i>Faidherbia albida</i> | 23.5 | 28.1 | 15.1 | 408.8 | 13 |
| <i>Populus mexicana</i> | 24.4 | 23.6 | 12.6 | 411 | 9.7 |
| <i>Albizia anthelmintica</i> | 19.9 | 25.3 | 11.3 | 416.6 | 17.2 |
| <i>Acacia cowleana</i> | 23.1 | 26.6 | 11.6 | 428 | 17.5 |
| <i>Acacia citrinoviridis</i> | 20.4 | 27.5 | 10 | 429.4 | 65.2 |
| <i>Eucalyptus victrix</i> | 21.7 | 27 | 11.9 | 434.6 | 34.4 |
| <i>Jatropha cordata</i> | 22.5 | 27.5 | 12.1 | 438.5 | 8.4 |
| <i>Coursetia glandulosa</i> | 22.7 | 27.8 | 12.1 | 441.5 | 14 |
| <i>Acacia monticola</i> | 23.6 | 26.7 | 12.5 | 443.75 | 42.75 |
| <i>Fouquieria purpusii</i> | 22.2 | 26.2 | 12.8 | 445.8 | 38.3 |
| <i>Fouquieria macdougallii</i> | 21.8 | 26.3 | 11.4 | 450.9 | 31.5 |
| <i>Havardia pallens</i> | 21.4 | 25.1 | 11 | 453.25 | 35.5 |
| <i>Albizia brevifolia</i> | 21.4 | 25.4 | 11 | 456.75 | 27 |
| <i>Vachellia stuhlmannii</i> | 19.1 | 17.6 | 8.7 | 457.5 | 57.33 |
| <i>Xanthocercis zambesiaca</i> | 19.8 | 23.8 | 10.1 | 461.25 | 39 |
| <i>Opuntia wilcoxii</i> | 23.5 | 27.2 | 12.6 | 464.8 | 9.4 |
| <i>Diphysa occidentalis</i> | 23.8 | 27.4 | 12.4 | 465.25 | 10.25 |
| <i>Fouquieria formosa</i> | 20.1 | 23.5 | 12.5 | 468.8 | 13.8 |
| <i>Senegalia nigrescens</i> | 18.7 | 18.5 | 7.5 | 472.67 | 55.5 |
| <i>Lonchocarpus hermannii</i> | 23.3 | 27.6 | 12.7 | 472.75 | 13.62 |
| <i>Albizia harveyi</i> | 23 | 21.4 | 12.6 | 478 | 10.33 |
| <i>Sabal uresana</i> | 19.8 | 24.7 | 8.9 | 479.5 | 48.8 |
| <i>Cordia sonorae</i> | 23.6 | 27.8 | 12.5 | 480 | 12.8 |
| <i>Senna costata</i> | 23.7 | 26.2 | 12.6 | 484.62 | 30 |
| <i>Mimosa palmeri</i> | 23 | 28.1 | 12.1 | 494.12 | 15 |
| <i>Alluaudia procera</i> | 21.1 | 23.6 | 11.1 | 499.1 | 54.4 |
| <i>Libidibia paraguariensis</i> | 22.7 | 22 | 12.6 | 499.33 | 27.33 |
| <i>Operculicarya decaryi</i> | 21.1 | 23.6 | 10.9 | 502.8 | 53.5 |
| <i>Bursera fagaroides</i> | 18.3 | 20.2 | 7.3 | 518.7 | 45 |
| <i>Callaeum macropterum</i> | 20.4 | 24.4 | 9.4 | 519 | 40.9 |
| <i>Pisonia capitata</i> | 24 | 27 | 14.1 | 528.8 | 10 |
| <i>Ipomoea arborescens</i> | 20.9 | 24.1 | 12.5 | 529.4 | 33.8 |
| <i>Brahea aculeata</i> | 22.2 | 26.6 | 12.3 | 540.1 | 26.5 |
| <i>Stetsonia coryne</i> | 20.1 | 23.3 | 10.3 | 540.4 | 48 |
| <i>Guaiacum coulteri</i> | 24.6 | 25.8 | 15.1 | 559.5 | 8.9 |
| <i>Ziziphus mucronata</i> | 21 | 25.5 | 13.2 | 571 | 27.3 |
| <i>Cordia myxa</i> | 22.2 | 25.5 | 11 | 573.1 | 50.9 |
| <i>Ravenea xerophila</i> | 22.1 | 24 | 12.9 | 579.3 | 47.8 |
| <i>Senegalia caffra</i> | 21.8 | 20.2 | 9.5 | 588.2 | 58.3 |

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|---------------------------------|------|------|------|-------|-------|
| <i>Kalanchoe beharensis</i> | 19.6 | 23.2 | 11.2 | 593.7 | 42.7 |
| <i>Prosopis juliflora</i> | 23.6 | 26.5 | 15.8 | 594.2 | 40.1 |
| <i>Bursera schlechtendalii</i> | 20.9 | 24 | 11.9 | 596.1 | 38.3 |
| <i>Vachellia kirkii</i> | 20.7 | 19.5 | 12.3 | 601 | 31.3 |
| <i>Jatropha malacophylla</i> | 23.5 | 25.2 | 14.7 | 604.1 | 8.3 |
| <i>Euphorbia trigona</i> | 19.6 | 20 | 7.4 | 606 | 47.7 |
| <i>Adansonia za</i> | 21.4 | 24 | 11.3 | 608.9 | 50.4 |
| <i>Vachellia aroma</i> | 18.8 | 23.3 | 9 | 619.1 | 75.8 |
| <i>Adenium obesum</i> | 23.3 | 26 | 13.6 | 622.5 | 37.7 |
| <i>Vachellia pennatula</i> | 19 | 20.1 | 7.9 | 632.2 | 63.2 |
| <i>Bursera grandifolia</i> | 23.8 | 25.8 | 15.8 | 645.8 | 12 |
| <i>Cereus hildmannianus</i> | 18.3 | 21.8 | 9.9 | 647.5 | 84.5 |
| <i>Phoenix pusilla</i> | 23 | 20.4 | 12.4 | 652 | 93 |
| <i>Vitex mollis</i> | 23.5 | 25.2 | 14.8 | 669.8 | 13 |
| <i>Dichrostachys cinerea</i> | 22.3 | 23.7 | 12.8 | 678.3 | 34 |
| <i>Senna atomaria</i> | 24.2 | 24.9 | 14.4 | 731.1 | 23 |
| <i>Acaciella angustissima</i> | 19.5 | 23.6 | 11.3 | 734.4 | 33.5 |
| <i>Sabal mexicana</i> | 22.3 | 26.5 | 13.2 | 747.8 | 70.7 |
| <i>Cyrtocarpa edulis</i> | 21.4 | 23.7 | 13.4 | 755.4 | 68.4 |
| <i>Tecoma stans</i> | 20.6 | 24.6 | 13 | 793 | 50.1 |
| <i>Dalbergia sissoo</i> | 22.7 | 28.7 | 12.5 | 797 | 28.2 |
| <i>Hibiscus rosa-sinensis</i> | 20.4 | 22.8 | 9.8 | 812.1 | 56.4 |
| <i>Haematoxylum brasiletto</i> | 21.9 | 24.5 | 14.5 | 824 | 63.8 |
| <i>Cereus repandus</i> | 23 | 25.1 | 13.8 | 824.7 | 79.3 |
| <i>Chloroleucon tenuiflorum</i> | 22.4 | 24.6 | 12.9 | 828 | 85 |
| <i>Ehretia tinifolia</i> | 25.2 | 25.6 | 16.4 | 845.8 | 49.3 |
| <i>Sophora tomentosa</i> | 20.6 | 23.4 | 9.9 | 847 | 86.6 |
| <i>Anadenanthera colubrina</i> | 22.3 | 24.4 | 14.6 | 855.4 | 58.9 |
| <i>Persea americana</i> | 19.4 | 21.8 | 10.7 | 862.4 | 75 |
| <i>Ceiba aesculifolia</i> | 21.9 | 25.2 | 14.6 | 866.7 | 54.8 |
| <i>Bauhinia divaricata</i> | 24.8 | 24.9 | 16.1 | 871 | 58.4 |
| <i>Beaucarnea recurvata</i> | 21.4 | 25.5 | 11.7 | 873.2 | 75.1 |
| <i>Malpighia glabra</i> | 21.6 | 22.9 | 12.3 | 887.5 | 77 |
| <i>Sapindus saponaria</i> | 21.3 | 25.9 | 12.1 | 890 | 86.1 |
| <i>Ceiba insignis</i> | 21 | 24.4 | 13.1 | 892.7 | 92.6 |
| <i>Plumeria rubra</i> | 22.7 | 25.6 | 14.3 | 893.9 | 54 |
| <i>Caesalpinia pulcherrima</i> | 23.4 | 26 | 15.3 | 900.1 | 53.6 |
| <i>Leucaena leucocephala</i> | 22.8 | 25.4 | 14.6 | 900.6 | 63.8 |
| <i>Pithecellobium dulce</i> | 24.6 | 26.2 | 17.3 | 905.1 | 40.1 |
| <i>Lagerstroemia indica</i> | 16.8 | 24.8 | 7 | 917.7 | 101.5 |
| <i>Laguncularia racemosa</i> | 23.6 | 23.8 | 15.3 | 920.8 | 74.8 |
| <i>Cascabela thevetia</i> | 22.3 | 24.8 | 14.3 | 929.7 | 67 |
| <i>Avicennia germinans</i> | 23 | 25.1 | 14.5 | 944.8 | 76 |

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|--------------------------------------|------|------|------|--------|-------|
| <i>Enterolobium contortisiliquum</i> | 21.4 | 24 | 14.2 | 946.3 | 71 |
| <i>Albizia lebbek</i> | 24.2 | 25.9 | 15.8 | 950.4 | 49.4 |
| <i>Solanum erianthum</i> | 24.1 | 26.2 | 15.5 | 950.4 | 51 |
| <i>Delonix regia</i> | 23.2 | 25.1 | 15.4 | 960.4 | 59.4 |
| <i>Annona squamosa</i> | 24.7 | 26.2 | 16.7 | 964.2 | 70.4 |
| <i>Peltophorum dubium</i> | 20.9 | 23.7 | 13.8 | 970.8 | 92.9 |
| <i>Ceiba speciosa</i> | 20.2 | 23.8 | 12.2 | 987.2 | 99.6 |
| <i>Enterolobium cyclocarpum</i> | 24.2 | 26.2 | 16.2 | 996.2 | 77.9 |
| <i>Rhizophora mangle</i> | 22.5 | 25 | 13.7 | 1002.4 | 99.6 |
| <i>Psidium guajava</i> | 21.4 | 24.7 | 14.1 | 1002.6 | 76.3 |
| <i>Citrus japonica</i> | 18.1 | 24.4 | 7.9 | 1005.2 | 93 |
| <i>Vitex trifolia</i> | 23.5 | 25 | 14.7 | 1012.2 | 63.8 |
| <i>Handroanthus chrysotrichus</i> | 20.7 | 23.8 | 13.5 | 1017.6 | 90 |
| <i>Ficus trigonata</i> | 24.4 | 24.1 | 15.8 | 1024.4 | 51 |
| <i>Bismarckia nobilis</i> | 23.6 | 25.7 | 14.7 | 1025.7 | 62.3 |
| <i>Carica papaya</i> | 22.2 | 25.3 | 13.8 | 1052.9 | 80.6 |
| <i>Mangifera indica</i> | 24.3 | 25.8 | 16.1 | 1065 | 57.6 |
| <i>Crescentia alata</i> | 24.1 | 26.2 | 15.7 | 1070.7 | 46 |
| <i>Ficus insipida</i> | 23.5 | 23.7 | 16 | 1093.3 | 87.5 |
| <i>Annona muricata</i> | 22.8 | 24.6 | 15.6 | 1112.6 | 95.8 |
| <i>Cassia fistula</i> | 24.7 | 26 | 16 | 1114.5 | 57 |
| <i>Ficus pertusa</i> | 23.4 | 23.6 | 14.6 | 1131.3 | 80.4 |
| <i>Rhapis excelsa</i> | 19.9 | 24.8 | 10 | 1135.2 | 86.4 |
| <i>Coffea arabica</i> | 18.7 | 23.4 | 11.8 | 1136.2 | 92.8 |
| <i>Calliandra haematocephala</i> | 21.8 | 24.8 | 12.9 | 1138.9 | 110.3 |
| <i>Hamelia patens</i> | 22.3 | 25.3 | 13.2 | 1162.4 | 94.8 |
| <i>Caryota mitis</i> | 23 | 25 | 13.8 | 1202.2 | 87.8 |
| <i>Livistona chinensis</i> | 20.5 | 24.7 | 11.6 | 1279.9 | 162.6 |
| <i>Manihot esculenta</i> | 22.6 | 24.9 | 15.2 | 1338.3 | 95.5 |
| <i>Pachira aquatica</i> | 22.8 | 24.9 | 14.4 | 1354.7 | 105.3 |
| <i>Schizolobium parahyba</i> | 21.8 | 23.7 | 14.2 | 1355.7 | 115.5 |
| <i>Coffea canephora</i> | 21.5 | 24.3 | 14.3 | 1391 | 88 |
| <i>Theobroma cacao</i> | 22.8 | 25 | 15.2 | 1476.2 | 129.7 |