

Current Climate Scenario (Tucson MAT 21 C)

Taxon	MAT, °C	MHM, °C	MCQ, °C	MAP, mm/year	MDQ, mm/qtr
<i>Pleradenophora bilocularis</i>	21.7	18.6	7.7	115.0	3.0
<i>Psorothamnus spinosus</i>	20.9	28.8	9.3	168.8	7.8
<i>Condalia globosa</i>	21.6	28.4	10.6	173.5	6.4
<i>Yucca valida</i>	20.1	25.1	11	176.0	6.8
<i>Prosopis pubescens</i>	19.7	30.2	8.6	181.9	10.6
<i>Prosopis palmeri</i>	21.8	27.8	11.6	186.4	4.5
<i>Parkinsonia florida</i>	20.3	24.3	7.7	207.5	10.8
<i>Vallesia laciniata</i>	20.2	26.9	10.2	212.3	7.3
<i>Pachycormus discolor</i>	18.1	24.3	9	221.3	25.8
<i>Olneya tesota</i>	20.8	30.4	9.9	221.6	9.6
<i>Stenocereus gummosus</i>	19.6	24.5	10.8	224.0	7.6
<i>Senegalia greggii</i>	18.9	27	8.6	226.8	10.4
<i>Bursera hindsiana</i>	19.5	24.6	9.4	228.9	18.8
<i>Jatropha cinerea</i>	20.9	24.6	11.4	233.3	7.5
<i>Parkinsonia microphylla</i>	20.1	24.6	7.7	239.3	14.2
<i>Maytenus phyllanthoides</i>	22.3	23.2	10.1	251.7	7.8
<i>Pachycereus pringlei</i>	18.9	24.3	8.8	261.1	32.9
<i>Fouquieria diguetii</i>	19.8	24.1	10	272.5	33.0
<i>Prosopis velutina</i>	20	30.1	9.3	283.4	25.1
<i>Acacia aneura</i>	20.1	28.4	10	290.0	39.2
<i>Acacia craspedocarpa</i>	20.1	26.7	9.4	290.6	35.4
<i>Bursera microphylla</i>	19.9	25.1	8.8	291.4	30.4
<i>Acacia jennerae</i>	18	24.6	8.3	294.1	48.1
<i>Bursera laxiflora</i>	22.9	28.1	11.5	296.0	8.3
<i>Acacia stenophylla</i>	19.2	27.6	9.4	298.2	30.8
<i>Fouquieria splendens</i>	18.6	28.2	7.6	309.7	36.1
<i>Stenocereus thurberi</i>	20.1	26.1	9.3	317.6	35.3
<i>Parkinsonia praecox</i>	21.7	27.9	11	317.9	13.0
<i>Carnegiea gigantea</i>	19.4	29	8.2	319.4	34.2
<i>Vachellia erioloba</i>	19.5	21.5	8.2	320.0	33.0
<i>Acacia brachystachya</i>	19.9	25	9.1	321.3	59.0
<i>Acacia cana</i>	19.8	25.8	9.1	321.4	58.3
<i>Acacia victoriae</i>	17.8	24.2	8.3	334.5	56.0
<i>Populus brandegeei</i>	19.6	24.9	10.7	337.1	4.0
<i>Cylindropuntia fulgida</i>	20.6	26.2	8.9	339.3	28.3
<i>Myrospermum sousanum</i>	20.2	25.3	8.6	348.3	31.0
<i>Brahea armata</i>	17.7	25.4	9.4	351.0	24.4
<i>Vachellia rigidula</i>	20.4	23.7	7.6	352.5	48.8
<i>Acacia cambagei</i>	20.6	25.6	9.7	359.4	51.5
<i>Erythrostemon mexicanus</i>	20.6	22.6	8.1	363.3	44.2
<i>Lysiloma watsonii</i>	20.3	29.8	10.2	375.6	19.4
<i>Abutilon incanum</i>	21.8	26.2	10.7	381.0	42.0
<i>Prosopis alba</i>	18.7	26.8	10.4	381.7	20.8
<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
<i>Washingtonia filifera</i>	18.2	26.9	8.6	382.1	46.5
<i>Vachellia farnesiana</i>	20.8	22.8	9	382.8	21.7
<i>Havardia mexicana</i>	21	28.1	10.6	389.3	16.6
<i>Vachellia tortilis</i>	21.4	25.2	11.2	395.0	29.9
<i>Phoenix dactylifera</i>	19.7	26.1	9.7	398.7	40.3
<i>Senegalia occidentalis</i>	21.3	24.6	8	401.8	48.5
<i>Senegalia berlandieri</i>	20	26	9.6	403.6	44.9
<i>Vallesia glabra</i>	23	28.5	14.3	408.1	14.0
<i>Senegalia crassifolia</i>	18.3	23.4	8.2	412.3	59.6
<i>Vachellia constricta</i>	18.9	24.7	9.4	414.6	31.3
<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

Table Legend:

This list is composed of taxa which have been observed in the middle of the natural range at the mean annual temperature (MAT) for the Current Climate Scenario of Tucson Arizona, 21 degrees Celsius. They are further divided based on their mean annual precipitation (MAP):

- Green:** Taxa highlighted in green are observed to have a MAP of less than 500mm in their natural range.
- Yellow:** Taxa highlighted in yellow are observed to have a MAP between 500mm and 750mm in their natural range.
- Red:** Taxa highlighted in red are observed to have a MAP of greater than 750mm in their natural range.

<i>Fraxinus greggii</i>	17.8	23.9	8	434.1	53.6
<i>Neoraimondia herzogiana</i>	17.7	20.4	9.3	436.8	41.5
<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	14.0
<i>Acacia salicina</i>	17.9	24.7	9.1	444.1	75.0
<i>Fouquieria purpusii</i>	22.2	26.2	12.8	445.8	38.3
<i>Celtis pallida</i>	20.9	27.6	11.9	448.1	27.3
<i>Neobuxbaumia polylopha</i>	17.6	22.2	9	451.8	45.9
<i>Havardia pallens</i>	21.4	25.1	11	453.3	35.5
<i>Prosopis laevigata</i>	20.4	26	13.3	454.6	17.8
<i>Mariosousa millefolia</i>	17.7	25.3	6.5	455.9	53.1
<i>Bauhinia macranthera</i>	19.7	23.8	10.1	458.3	30.3
<i>Yucca rostrata</i>	17.3	25.9	8.4	461.4	46.0
<i>Fouquieria formosa</i>	20.1	23.5	12.5	468.8	13.8
<i>Yucca grandiflora</i>	19.9	27.5	9.5	469.1	22.5
<i>Fouquieria fasciculata</i>	19.3	23.6	10.7	473.4	49.6
<i>Bauhinia lunarioides</i>	20.5	28.2	9.7	474.3	59.9
<i>Sabal uresana</i>	19.8	24.7	8.9	479.5	48.8
<i>Prosopis nigra</i>	19.3	26.1	9.8	483.2	41.8
<i>Acacia harpophylla</i>	19.1	24.4	9.1	495.3	78.8
<i>Ebenopsis ebano</i>	22.4	28	11.7	496.2	42.2
<i>Senegalia galpinii</i>	18.6	23	9.4	500.5	30.0
Taxon	MAT, °C	MHM, °C	MCQ, °C	MAP, mm/year	MDQ, mm/qtr
<i>Manihot caudata</i>	19.7	24.8	11.5	510.5	10.8
<i>Senegalia wrightii</i>	18.6	20.6	6	510.5	87.5
<i>Bursera fagaroides</i>	18.3	20.2	7.3	518.7	45.0
<i>Callaeum macropterum</i>	20.4	24.4	9.4	519.0	40.9
<i>Dombeya rotundifolia</i>	18.3	21.6	10	524.3	30.5
<i>Ipomoea arborescens</i>	20.9	24.1	12.5	529.4	33.8
<i>Nolina matapensis</i>	18.1	25.2	9.3	533.5	20.4
<i>Cordia boissieri</i>	21.5	27.3	11.6	537.3	44.4
<i>Stetsonia coryne</i>	20.1	23.3	10.3	540.4	48.0
<i>Aloe marlothii</i>	17.4	21.2	8.5	544.0	46.0
<i>Lysiphillum carronii</i>	20.8	23.8	10.8	545.1	73.0
<i>Carissa macrocarpa</i>	18.8	22.9	10.4	548.4	62.1
<i>Yucca treculeana</i>	19.9	24.6	9.3	549.8	76.3
<i>Brachychiton rupestris</i>	18.3	23.8	9.5	550.6	83.8
<i>Ficus petiolaris</i>	20.1	24.3	10.3	552.9	35.1
<i>Ziziphus mucronata</i>	21	25.5	13.2	571.0	27.3
<i>Quercus canbyi</i>	18.3	25.3	8.8	580.6	81.0
<i>Senegalia caffra</i>	21.8	20.2	9.5	588.2	58.3
<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	601.0	31.3
<i>Casimiroa edulis</i>	18.2	23.6	11.6	605.5	31.4
<i>Euphorbia trigona</i>	19.6	20	7.4	606.0	47.7
<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	79.0
<i>Vachellia aroma</i>	18.8	23.3	9	619.1	75.8
<i>Melaleuca viminalis</i>	18.8	22.1	10	628.3	73.8
<i>Bolusanthus speciosus</i>	20.7	23.1	12.1	628.4	73.6
<i>Vachellia pennatula</i>	19	20.1	7.9	632.2	63.2
<i>Euphorbia ingens</i>	17.5	21.4	9.8	637.7	40.4
<i>Libidibia paraguariensis</i>	20.9	24.1	11.1	646.6	73.4
<i>Cereus hildmannianus</i>	18.3	21.8	9.9	647.5	84.5
<i>Phoenix pusilla</i>	23	20.4	12.4	652.0	93.0
<i>Vachellia gerrardii</i>	19.3	22.1	10.9	678.3	30.4
<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	734.4	33.5
<i>Brahea calcarea</i>	17.9	21.6	10.9	734.8	50.0
Taxon	MAT, °C	MHM, °C	MCQ, °C	MAP, mm/year	MDQ, mm/qtr
<i>Phoenix reclinata</i>	21.4	23.7	13.4	755.4	68.4
<i>Tecoma stans</i>	20.6	24.6	13	793.0	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	812.1	56.4
<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	862.4	75.0
<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	890.0	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	67.0
<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	71.0
<i>Aloysia virgata</i>	20.7	23	11.7	950.3	113.0
<i>Cascabela thevetioides</i>	22.1	24.8	16.1	953.1	78.0
<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	93.0
<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	90.0
<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	117.0
<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	1195.8	56.4
<i>Livistona chinensis</i>	20.5	24.7	11.6	1279.9	162.6

Emissions Limited Climate Scenario (Tucson MAT 23.6 C)

Taxon	MAT, °C	MHM, °C	MCQ, °C	MAP, mm/yea	MDQ, mm/qtr
<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	217.0	6.1
<i>Boswellia sacra</i>	22	23.3	11.9	227.3	40.3
<i>Maytenus phyllanthoides</i>	22.3	23.2	10.1	251.7	7.8
<i>Bursera laxiflora</i>	22.9	28.1	11.5	296.0	8.3
<i>Acacia pruinocarpa</i>	22.2	29.7	11.1	304.2	32.2
<i>Coccoloba goldmanii</i>	23.2	27.4	12.1	306.0	7.0
<i>Fouquieria burragei</i>	20.2	21.4	7.8	317.0	39.7
<i>Parkinsonia praecox</i>	21.7	27.9	11	317.9	13.0
<i>Vachellia erioloba</i>	19.5	21.5	8.2	320.0	33.0
<i>Mimosa distachya</i>	23.5	24.4	12.4	328.3	3.7
<i>Piscidia mollis</i>	22.9	28.8	11.8	355.4	12.1
<i>Senegalia mellifera</i>	20.6	22.1	8.7	373.3	38.0
<i>Albizia sinaloensis</i>	23.3	28.8	11.9	375.4	12.0
<i>Vachellia tortilis</i>	21.4	25.2	11.2	395.0	29.9
<i>Stenocereus alamosensis</i>	22.3	25.5	12.3	395.5	10.6
<i>Brongniartia alamosana</i>	22.6	28.4	11.6	401.5	15.3
<i>Colophospermum mopane</i>	21.3	24.7	12.1	401.8	28.0
<i>Senegalia occidentalis</i>	21.3	24.6	8	401.8	48.5
<i>Vallesia glabra</i>	23	28.5	14.3	408.1	14.0
<i>Faidherbia albida</i>	23.5	28.1	15.1	408.8	13.0
<i>Populus mexicana</i>	24.4	23.6	12.6	411.0	9.7
<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	14.0
<i>Fouquieria purpusii</i>	22.2	26.2	12.8	445.8	38.3
<i>Fouquieria macdougalii</i>	21.8	26.3	11.4	450.9	31.5
<i>Havardia pallens</i>	21.4	25.1	11	453.3	35.5
<i>Opuntia wilcoxii</i>	23.5	27.2	12.6	464.8	9.4
<i>Fouquieria formosa</i>	20.1	23.5	12.5	468.8	13.8
<i>Sabal uresana</i>	19.8	24.7	8.9	479.5	48.8
<i>Cordia sonorae</i>	23.6	27.8	12.5	480.0	12.8
<i>Alluaudia procera</i>	21.1	23.6	11.1	499.1	54.4
Taxon	MAT, °C	MHM, °C	MCQ, °C	MAP, mm/yea	MDQ, mm/qtr
<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	45.0
<i>Callaeum macropterum</i>	20.4	24.4	9.4	519.0	40.9
<i>Pisonia capitata</i>	24	27	14.1	528.8	10.0
<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	48.0
<i>Guaiacum coulteri</i>	24.6	25.8	15.1	559.5	8.9
<i>Ziziphus mucronata</i>	21	25.5	13.2	571.0	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
<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	601.0	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	606.0	47.7
<i>Adansonia za</i>	21.4	24	11.3	608.9	50.4

Table Legend:

This list is composed of taxa which have been observed in the middle of the natural range at the mean annual temperature (MAT) for the Current Climate Scenario of Tucson Arizona, 21 degrees Celsius. They are further divided based on their mean annual precipitation (MAP):

- Green:** Taxa highlighted in green are observed to have a MAP of less than 500mm in their natural range.
- Yellow:** Taxa highlighted in yellow are observed to have a MAP between 500mm and 750mm in their natural range.
- Red:** Taxa highlighted in red are observed to have a MAP of greater than 750mm in their natural range.

<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	12.0
<i>Libidibia paraguariensis</i>	20.9	24.1	11.1	646.6	73.4
<i>Cereus hildmannianus</i>	18.3	21.8	9.9	647.5	84.5
<i>Phoenix pusilla</i>	23	20.4	12.4	652.0	93.0
<i>Vitex mollis</i>	23.5	25.2	14.8	669.8	13.0
<i>Dichrostachys cinerea</i>	22.3	23.7	12.8	678.3	34.0
<i>Senna atomaria</i>	24.2	24.9	14.4	731.1	23.0
<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
Taxon	MAT, °C	MHM, °C	MCQ, °C	MAP, mm/yea	MDQ, mm/qtr
<i>Cyrtocarpa edulis</i>	21.4	23.7	13.4	755.4	68.4
<i>Tecoma stans</i>	20.6	24.6	13	793.0	50.1
<i>Dalbergia sissoo</i>	22.7	28.7	12.5	797.0	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	824.0	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	828.0	85.0
<i>Ehretia tinifolia</i>	25.2	25.6	16.4	845.8	49.3
<i>Sophora tomentosa</i>	20.6	23.4	9.9	847.0	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	75.0
<i>Ceiba aesculifolia</i>	21.9	25.2	14.6	866.7	54.8
<i>Bauhinia divaricata</i>	24.8	24.9	16.1	871.0	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	77.0
<i>Sapindus saponaria</i>	21.3	25.9	12.1	890.0	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	54.0
<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	67.0
<i>Avicennia germinans</i>	23	25.1	14.5	944.8	76.0
<i>Enterolobium contortisiliq</i>	21.4	24	14.2	946.3	71.0
<i>Albizia lebeck</i>	24.2	25.9	15.8	950.4	49.4
<i>Solanum erianthum</i>	24.1	26.2	15.5	950.4	51.0
<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	93.0
<i>Vitex trifolia</i>	23.5	25	14.7	1012.2	63.8
<i>Handroanthus chrysotrich</i>	20.7	23.8	13.5	1017.6	90.0
<i>Ficus trigonata</i>	24.4	24.1	15.8	1024.4	51.0
<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	1065.0	57.6
<i>Crescentia alata</i>	24.1	26.2	15.7	1070.7	46.0
<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	57.0
<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	1391.0	88.0
<i>Theobroma cacao</i>	22.8	25	15.2	1476.2	129.7

Business as Usual Climate Scenario (Tucson MAT 26.5 C)

Taxon	MAT, °C	MHM , °C	MCQ, °C	MAP, mm/year	MDQ, mm/qtr
<i>Boswellia sacra</i>	22	23.3	11.9	227.3	40.3
<i>Prosopis cineraria</i>	22.6	23.5	8.6	284.2	42.0
<i>Vachellia tortilis</i>	21.4	25.2	11.2	395.0	29.9
<i>Faidherbia albida</i>	23.5	28.1	15.1	408.8	13.0
<i>Vachellia nilotica</i>	23.8	26.5	12.8	470.4	30.3
<i>Calotropis procera</i>	24.8	25.4	14.7	473.9	14.5
<i>Senegalia senegal</i>	23.4	23.5	9.1	477.7	76.7
<i>Eucalyptus microtheca</i>	24.1	29.5	13.9	491.8	17.6
<i>Parkinsonia aculeata</i>	22	27.9	12.4	496.6	24.4
Taxon	MAT, °C	MHM , °C	MCQ, °C	MAP, mm/year	MDQ, mm/qtr
<i>Guaiacum coulteri</i>	24.6	25.8	15.1	559.5	8.9
<i>Ziziphus mucronata</i>	21	25.5	13.2	571.0	27.3
<i>Vachellia sieberiana</i>	23.7	21.6	11.8	585.8	34.5
<i>Senegalia caffra</i>	21.8	20.2	9.5	588.2	58.3
<i>Prosopis juliflora</i>	23.6	26.5	15.8	594.2	40.1
<i>Jatropha malacophylla</i>	23.5	25.2	14.7	604.1	8.3
<i>Vachellia valida</i>	23.8	21.8	11.5	621.3	51.7
<i>Adenium obesum</i>	23.3	26	13.6	622.5	37.7
<i>Phoenix pusilla</i>	23	20.4	12.4	652.0	93.0
<i>Fouquieria leonilae</i>	25.1	28.3	15.7	677.3	10.4
<i>Dichrostachys cinerea</i>	22.3	23.7	12.8	678.3	34.0
<i>Chloroleucon mangense</i>	25.7	25.2	16.6	724.4	20.8
Taxon	MAT, °C	MHM , °C	MCQ, °C	MAP, mm/year	MDQ, mm/qtr
<i>Moringa oleifera</i>	24.2	24.3	15	801.0	45.9
<i>Cereus repandus</i>	23	25.1	13.8	824.7	79.3
<i>Corymbia papuana</i>	24.1	24.6	14.8	837.9	17.1
<i>Melaleuca leucadendra</i>	24	26	15	913.8	45.8
<i>Azadirachta indica</i>	26.3	27.6	18.2	940.7	36.1
<i>Avicennia germinans</i>	23	25.1	14.5	944.8	76.0
<i>Phoenix sylvestris</i>	23.7	26.9	13.7	946.5	58.5
<i>Albizia lebbeck</i>	24.2	25.9	15.8	950.4	49.4
<i>Annona squamosa</i>	24.7	26.2	16.7	964.2	70.4
<i>Enterolobium cyclocarpu</i>	24.2	26.2	16.2	996.2	77.9
<i>Bismarckia nobilis</i>	23.6	25.7	14.7	1025.7	62.3
<i>Crescentia cujete</i>	24.2	25.9	16.7	1063.4	79.4
<i>Mangifera indica</i>	24.3	25.8	16.1	1065.0	57.6
<i>Cassia fistula</i>	24.7	26	16	1114.5	57.0
<i>Caryota mitis</i>	23	25	13.8	1202.2	87.8

Table Legend:

This list is composed of taxa which have been observed in the middle of the natural range at the mean annual temperature (MAT) for the Current Climate Scenario of Tucson Arizona, 21 degrees Celsius. They are further divided based on their mean annual precipitation (MAP):

- Green:** Taxa highlighted in green are observed to have a MAP of less than 500mm in their natural range.

- Yellow:** Taxa highlighted in yellow are observed to have a MAP between 500mm and 750mm in their natural range.

- Red:** Taxa highlighted in red are observed to have a MAP of greater than 750mm in their natural range.