

Berry Springs Park and Preserve
June 10, 2014
Art Gibson

1. *Abutilon fruticosum*, **Indian mallow**. Perennial herb growing from a woody taproot and having toothed, velveteen leaves and yellow-orange flowers during summer months
2. *Acalypha phleoides*, **Lindheimer's copperleaf**. Perennial herb especially in partial shed, with nonshowy flowers in a spike at the top of the plant with female flowers below the male flowers
3. *Allium canadense* var. *canadense*, **wild onion**. Somewhat invasive, odorous, bulbous perennial herb that spreads largely by bulblets produced in the inflorescence
4. *Amaranthus* (3+ species flowering summertime), **amaranth**
5. *Ambrosia psilostachya*, **western ragweed**. Native clonal perennial herb with deeply dissected, aromatic leaves; flowering in late summer
6. *Ambrosia trifida* var. *texana*, **blood ragweed, giant ragweed**. Native annual with opposite, large, 3-lobed leaves; an intruder into many sites
7. *Ampelopsis arborea*, **peppervine**. Native perennial climber with tendrils and pinnately-2-compound leaves
8. *Ampelopsis cordata*, **heart-leaf ampelopsis, raccoon-grape (raccoon-grape)**. Native woody climber with tendrils and undivided heart-shaped leaves
9. *Argemone albiflora* subsp. *texana*, **white prickly poppy**. Native, spinescent annual of sunny locations with showy white flowers
10. *Asclepias asperula* subsp. *capricornu*, **antelope horns**. Native perennial herbs with several shoots close to the ground, fantastic flowers pollinated by wasps and plants used by butterflies
11. *Boerhavia diffusa*, **scarlet spiderling**. Native perennial herb with horizontal, prostrate shoots and during summer deep red flowers in dense clusters
12. *Bromus catharticus*, **rescue grass**. Perennial herb introduced from the Old World and widely established in grassy areas throughout the region; spikelets have very short awns
13. *Bromus japonicus*, **Japanese brome**. Introduced annual from Eurasia with slender, awned spikelets
14. *Buchloe dactyloides*, **buffalograss**. Perennial herb used as a lawn grass in parklike situations
15. *Callirhoe involucrata* var. *lineariloba*, **Williamson winecup**. Native herbs common in sunny disturbed locations throughout the county
16. *Calyptocarpus vialis*, **straggler daisy**. Native annual less than 4 inches tall, with opposite leaves and small heads having about 8 yellow ray flowers
17. *Cardiospermum halicacabum*, **common balloonvine**. Native perennial herb with tendrils on flowering axes and common leaves, flowering in mid-summer and then producing inflated, 3-lobed fruits with hard black seeds
18. *Carex* cf. *frankii*, **Joseph Frank's caric sedge**. Native clonal perennial herb of wet ground with large fruit clusters
19. *Carya illinoensis*, **pecan**. Cultivate tree with odd-pinnately compound leaves (enough said)

20. *Celtis reticulata*, **net-leaf hackberry**. Native tree with large warts on bark and hairy petioles on the leaves
21. *Chasmanthium latifolium*, **wild sea-oats, broad-leaved woodland oats**. Native perennial herb of shady woodlands in Sun City and throughout the region; spikelets conspicuous, broad and elliptic in outline
22. *Cirsium texanum*, **Texas thistle, mala mujer**. Native biennial herb occurring throughout Sun City, including lawns and flowering in late spring
23. *Cissus incisa*, **cowitch, marinevine**. Climber of the grape family with 3-foliolate leaves, often somewhat fleshy, and commonly attached to bark on trees with adventitious roots, but equally successful spreading in open full sun
24. *Clematis pitcheri*, **purple leatherflower**. Native perennial climber in woodland; flowers attractive and interesting, nodding and with purple to greenish blue flowers
25. *Cnidoscolus texanus*, **bull thistle**. Native perennial herb with nasty, stinging hairs on all green parts of the plant; flowers pure white and showy
26. *Commelina erecta* var. *erecta*, **erect dayflower**. Native perennial herb of woodlands and margins of water, with alternate distichous leaves and flowers with 2 blue petals
27. *Cornus drummondii*, **Drummond dogwood, rough-leaved dogwood**. Native shrub of woodlands, in late spring with flat clusters of white flowers later with white fruits
28. *Cucurbita foetidissima*, **buffalo-gourd**. Foul-smelling perennial vine of the gourd family with large, grayish leaves and large yellow male and female flowers, producing spheric yellow fruits about 3 inches across
29. *Cynodon dactylon*, **Bermudagrass**. Introduced perennial turfgrass with creeping rhizomes and stolons
30. *Dichondra*, **dichondra**. Creeping perennial herb, one species in the county escaped from cultivation as lawn or groundcover
31. *Dicliptera brachiata*, **false mint**. Perennial herb with opposite decussate leaves, growing in shade in woodland; a member of the acanthus family, not a mint
32. *Diospyros texana*, **Texas persimmon**. Native shrub with light green leaves and small, urn-shaped flowers, male and female on different plants
33. *Eleocharis montevidensis*, **spike-rush**. Clonal perennial herb established in wet areas and in shallow water of freshwater throughout the region and North America
34. *Eleocharis* spp., **spike-rush**. Clonal perennial herbs of wet soils
35. *Elymus canadensis*, **Canada wildrye**. Native perennial herb, a common grass of local woodland openings with awns
36. *Elymus virginicus*, **Virginia wildrye**. Native perennial herb occurring shoreline
37. *Erodium cicutarium*, **red-stemmed stokesbill**. Introduced annual widespread with finely dissected leaves and lavender flowers with 5 petals
38. *Festuca arundinacea*, **tall fescue**. Perennial turfgrass often with tall inflorescences
39. *Festuca perennis* (*Lolium multiflorum*), **ryegrass**. Annual or perennial turfgrass, with distinctive inflorescence alternate distichous with regularly diverging spikelets
40. *Frangula caroliniana*, **Carolina buckthorn**. Native small tree of woodlands, with alternate leaves, small green flowers, and fleshy fruits that do not turn purple until early fall
41. *Fraxinus albicans* (*Fraxinus texensis*), **Texas ash**. Native small tree with pairs of pinnately compound leaves and slender, winged fruits

42. *Gaillardia pulchella* var. *pulchella*, **firewheel, Indian blanket**. Native annual common in native and disturbed grasslands and commonly planted around homes and along roads; heads with ray flowers having bright red and light yellow flowers and a central cluster of purple-red
43. *Geranium carolinianum*, **Carolina storksbill**. Native annual in mixed stands of annuals and grasses
44. *Geranium pusillum*, **tiny storksbill**. Annual with deeply dissected leaves and tiny geranium flowers in spring, 2013 by yours truly, first reported in Texas a couple months earlier in Denton County but probably in Texas for multiple years (in Oklahoma, etc.)
45. *Glandularia bipinnatifida* (*Verbena bipinnatifida*), **prairie verbena**. Native perennial herb found throughout Sun City, low growing with dissected, paired leaves and showy purple flowers during most months of the year
46. *Helianthemum annuum*, **annual sunflower**. Native, robust annual with large leaves and flowering during summertime
47. *Hordeum murinum* subsp. *leporinum*, **hare barley**. Introduced annual barley in disturbed habitats, having a compact inflorescence with long awns
48. *Hydrocotyle verticillata*, **water pennywort**. Creeping perennial herb with leaf blade attached in the center like, with “whorls” (not really) of flowers and fruits
49. *Hymenopappus scabiosaeus* var. *artemisiifolia*, **old plainsman, woolly-white**. Native perennial herb with dissected leaves and an erect canopy with clusters of white flowers
50. *Ipomoea equitans*, **Texas bindweed**. Native prostrate perennial or vine in full sun, having white flowers with purple center
51. *Ilex decidua*, **possumhaw holly**. Deciduous native shrub, which has male and female flowers on separate plants
52. *Ipomoea trichocarpa*, **purple bindweed**. Perennial vine with twining stems and heart-shaped leaves; flowers have pink to rose or darker corollas
53. *Juglans major/nigra*, **Arizona/black walnut**. Native tree found occasionally in woodland; flowering starting around now with long, tassel-like male reproductive structure (catkin) and in several weeks female flowers on newly produced leafy shoots
54. *Justicia americana*, **American water-willow**. Native perennial herb growing in creek bed at bridge and throughout the region at water edge throughout the region; flowers in mid-spring white or with some violet and dark dots
55. *Lactuca serriola*, **wild lettuce, compassplant**. Annual weed exceedingly widespread in the U. S., with pale yellow flowers in morning and leaves often spinescent on margins and oriented edge upwards
56. *Lantana urticoides* (*L. horrida*), **common lantana**. Native shrub with opposite leaves and showy orange to pink flowers
57. *Lepidium* sp., **peppergrass**. Native annual mustard with flat fruit having a notch at the tip
58. *Ligustrum lucidum*, **Chinese privet**. Invasive evergreen small tree of moist woodlands in the county, spread by birds eating the fleshy fruits
59. *Lupinus texensis*, **Texas bluebonnet, Texas lupine**. Native annual abundant throughout along roadside and meadows, often where reseeded, with palmately compound leaves and showy stalks of flowers

60. *Malva parviflora*, **little mallow**. Annual weed, here around the burro compound, with leaves shallowly palmately lobed; the flowers have short, pinkish flowers
61. *Malvaviscus arboreus* var. *drummondii*, **turk's cap, Texas mallow, Drummond's wax mallow**. Native perennial herb popular in gardening with scarlet flowers that attract hummingbirds and having red fruits in late summer
62. *Marrubium vulgare*, **common horehound**. Introduced perennial with opposite leaves subtending dense clusters (verticils) of white flowers, the calyx with 10 teeth
63. *Medicago lupulina*, **black medick**. Introduced annual from Europe, with dense spheroidal clusters of small yellow flowers and 3-parted leaves (aka shamrock)
64. *Melia azedarach*, **China-berry, pride of India**. Invasive tree with large, 2-compound leaves and interesting and colorful flowers, but the fleshy fruits are dispersed by birds and this species invades native vegetation
65. *Melilotus officinalis*, **yellow sweetclover**. Annual, nitrogen-fixer, strongly fragrance foliage, with yellow flower; this is a weed throughout North America, but this is the only currently known site in Williamson County
66. *Mimosa nuttallii* (*Schrankia*), **sensitive briar**. Native perennial with spinescent axes and in late spring balls of pink flowers
67. *Monarda citriodora*, **lemon beebalm**. Common aromatic annual or perennial of summer meadows and grasslands in the county, having lavender to purple (white) mint flowers
68. *Morus alba*, **white mulberry**. Small tree, level glossy and with several lobes; fruits a cluster of white "berries"
69. *Morus rubra*, **red mulberry**. Introduced tree, this species typically with unlobed leaves
70. *Myriophyllum aquaticum*, **parrot's feathers**. Introduced aquatic herb with shoots emergent and having highly dissected leaves
71. *Nasturtium officinale*, **watercress**. Introduced perennial herb fully naturalized throughout North America, in mid-spring blooming with white flowers
72. *Oenothera calcicola* **limestone gaura**. Native perennial herb common in grassland, with reddish flowers
73. *Oenothera speciosa*, **pink evening primrose**. Native showy, pink evening primrose common along roads
74. *Oenothera suffulta*, **wild-honeysuckle**. Native perennial herb, very common in grasslands locally, including in seed mixtures, a gaura with white flowers
75. *Opuntia engelmannii* var. *lindheimeri*, **Texas prickly pear**. Native succulent shrub with flattened stems (phylloides) and large yellow flowers (typically not red in center)
76. *Oxalis stricta*, **Dillen's oxalis, wood sorrel**. Native but weedy annual found throughout Sun City, including lawns, with cloverlike leaves (3-parted) and fairly showy yellow flowers
77. *Panicum coloratum*, **Klein grass**. Native perennial bunchgrass not yet in flower
78. *Parthenocissus quinquefolia*, **Virginia-creeper**. Introduced woody climber with five leaflets per leaf
79. *Paspalum dilatatum*, **Dallis grass**. Perennial herb often invasive in turf and occasional in disturbed habitats, with a distinctive inflorescence

80. *Persicaria setacea*, **bristly smartweed**. Perennial herb at Berry Springs abundant along shoreline and in shallow water of pond margins; this species has long “cilia” on the papery stipules (ochrea) and white flowers
81. *Phacelia congesta*, **blue curls**. Native annual with coiled inflorescences on canopy
82. *Physalis* aff. *mollis* var. *mollis*, **field ground-cherry**. Annual or perennial herb with pendent yellow flowers and tomatillo-like fruits
83. *Phoradendron tomentosum* (probably *P. serotinum*) **hairy mistletoe**. Native perennial parasite on trees in Sun City, especially cedar elm; with male and female plants flowering from early January and white berry fruits in the fall
84. *Phyla nodiflora*, **frogfruit**. Perennial herb, mostly prostrate and rooting along stem, used for groundcover, and having headlike spikes of white flowers
85. *Physostegia* aff. *pulchella*, **false dragon’s head**. Perennial herb on margin of wetland, a mint with
86. *Platanus occidentalis*, **American sycamore**. Native tree growing along rivers, streams, and creeks, currently leafless but having old pendent, ball-like clusters of fruits
87. *Ptelea trifoliata*, **hoptree, wafer-ash**. Native shrub with 3-foliolate leaves pleasantly fragrant when crushed, a member of the citrus family with distinctive, winged, papery fruits
88. *Prunus rivularis*, **creek plum**. Clonal shrub species of plum forming a dense thicket from horizontal roots; with abundant white flowers in April, this is currently the only known population in the county
89. *Ptelea trifoliata*, **hoptree, wafer-ash**. Native shrub in woodlands having distinctive, winged fruits that resemble papery discs
90. *Pyrrhopappus* sp., **Texas dandelion**. Native perennial herb with yellow heads wider and flatter than typical dandelion
91. *Pyrus calleryana*, **callery pear**. Introduced small tree in cultivation invading edges of woodlands
92. *Quercus fusiformis*, **plateau live oak**. Native evergreen tree dominant in Sun City
93. *Ranunculus parviflorus* or *sceleratus* var. *sceleratus*, **celery-leaf buttercup**. Introduced buttercup of wetlands with flowers having leaves like celery but flowers of a small buttercup with 5 small petals
94. *Rhus lanceolata*, **prairie sumac, prairie flame-leaf sumac**. Native clonal native shrub, with deciduous, aromatic, pinnately compound leaves
95. *Rivina humilis*, **coralito, pigeon berry**. Perennial herb of the pokeweed family growing in the leaf litter of oaks at Berry Springs Park; flowering now and in a few months with colorful fleshy reddish fruits
96. *Ratibida columnifera*, **Mexican-hat**. Native perennial herb in early spring with a distinctive basal rosette of compound and deeply dissected leaves but mostly flowering during summer
97. *Rubus trivialis*, **dewberry**. Native trailing perennial with prickles and 3-pated leaves
98. *Rumex crispus*, **curly dock**. Introduced and invasive perennial herb of wet habits, having large leaves and a thick inflorescence of hundreds of flowers and fruits
99. *Rumex pulcher*, **fiddle dock**. Introduced perennial herb occurring in wetlands and disturbed grassland, having an interrupted inflorescence

100. *Sagittaria platyphylla*, **delta arrowhead**. Native aquatic perennial herb growing in shallow water; leaves are not arrow-shaped, but the flowers are typical for the genus with 3 white petals around many future fruits
101. *Salix nigra*, **black willow, swamp willow**. Common and only species of willow occurring in wet habitats in the county
102. *Salvia farinacea* var. *farinacea*, **mealy blue sage**. Native perennial herb of sunny habitats or along edges of woodland in Sun City
103. *Sambucus canadensis* var. *nigra*, **elderberry**. Native small tree growing near shoreline, with opposite, pinnately compound leaves and gigantic, flat-topped inflorescences of cream-colored flowers
104. *Sapindus saponaria* var. *drummondii*, **western soapberry**. Small tree or large shrub often in colonies, with pinnately compound leaves like sumac (*Rhus lanceolata*) but not aromatic, flowering before mid-spring whereas *Rhus* blooms in early and middle summer months
105. *Sida abutilifolia*, **spreading sida**. Native perennial herb of prairie, mostly prostrate along ground and with showy yellow flowers
106. *Sideroxylon lanuginosum* subsp. *lanuginosum* (*Bumelia lanuginosum*), **gum bumelia, chittanwood**. Native shrub or small tree with fuzzy leaves, especially noticeable when it leaves out in March
107. *Silphium radula*, **Simpson rosinweed**. Tall perennial herb with bright yellow flower heads
108. *Smilax bona-nox*, **greenbrier**. Introduced, often somewhat spiny perennial vine common throughout Sun City
109. *Solanum dimidiatum*, **western horse-nettle, potato weed**. Native perennial herb of grasslands and partially sunny woodlands, with coarsely toothed greenish leaves and large blue, star-shaped flowers
110. *Solanum elaeagnifolium*, **silver-leaf nightshade**. Native perennial herb but often weedy, having elongate, silvery leaves and smaller bluish, star-shaped flowers
111. *Solanum ptychanthum* (probably not the correct name), American nightshade. Annual with white petals
112. *Solanum rostratum*, **buffalo-bur, Kansas-thistle**. Spinescent annual with sharp prickles on lobed leaves and wide, bright yellow flowers
113. *Sophora affinis*, **Eve's necklace**. Native small tree occasionally encountered in woodland but a favorite of deer
114. *Sorghum halepense*, **Johnsongrass**. Horrific, invasive perennial herb with aggressive rhizomes and a major competitor in prairie habitats
115. *Taraxacum officinale*, **common dandelion**. Weedy perennial herb introduced from Europe and occurring in disturbed areas and lawns throughout Sun City
116. *Teucrium canadense*, **American germander**. Native perennial herb growing along water or in shallow water, a mint having 4-sided stems and verticils of white to lavender flowers
117. *Torilis arvensis*, **hedge-parsley, sock destroyer**. Terribly invasive annual of the carrot family, common here in shady areas, a plant with small white flowers and barbs on the fruits
118. *Toxicodendron pubescens* and *T. radicans* subsp. *pubens*, **poison ivy and poison oak**.

119. *Tribulus terrestris*, **punctureweed**. Weedy and undesirable annual with prostrate stems, opposite, even-pinnately compound leaves, and showy light yellow flowers, but the horribly sharp-spined fruits puncture bicycle tires
120. *Ulmus americana*, **American elm**. Native tree growing along creeks and streams, the common local elm with fruits produced in early spring
121. *Ulmus crassifolia*, **cedar elm**. Invasive native shrub and small tree of the region, abundant throughout Sun City and considered by many undesirable; currently leafing out
122. *Verbena brasiliensis*, **Brazilian vervain**. Introduced and invasive, tall perennial herb of wetlands, having paired leaves, long stem internodes, and a branched inflorescence of colorful but relatively small vervain flowers
123. *Verbena canescens* **gray vervain**. Native annual with comparatively small flowers for a vervain and hairy, toothed leaves
124. *Verbena halei*, **Texas vervain**. Native annual with slender clusters of light violet flowers
125. *Verbena* sp. New arrival at Berry Springs Park this year.
126. *Verbesina virginica*, **frostweed**. Native perennial herb commonly found in or along edges of woodlands throughout Sun City and generator of “frost flowers” under special conditions during late fall or early winter
127. *Veronica anagallis-aquatica*, **water speedwell**. Annual, a species named by Linnaeus, with opposite leaves and blue flowers, common in wetlands throughout the country but waterfowl
128. *Viburnum rufidulum*, **southern blackhaw, rusty blackhaw**. Native large shrub or small tree with red hairs on the petioles and inflorescence; the opposite leaves are leathery and somewhat glossy
129. *Viguiera dentata*, **golden-eye**. Native perennial her common along woodland vegetation, during spring and summer with showy, sunflowerlike heads having yellow ray flowers
130. *Vitis cinerea* var. *cinerea*, **summer grape**. Native woody climber of the grape family with whitish, velveteen leaves
131. *Vitis mustangensis*, **mustang grape**. Woody climber of the grape family.
132. *Zephyranthes drummondii* (*Cooperia pedunculata*) **rain-lily, fairy-lily**. Native perennial herb with bulbs and showy, solitary white flowers in mid-spring