

**ANNOTATED PLANT LIST FOR PITCHFORK RANCH NEW MEXICO**

Jornada Field Botany Workshop

September 12, 2017

**FERNS AND FERN ALLIES**

**DRYOPTERIDACEAE**

*Woodsia neomexicana*, CLIFF-FERN, NEW MEXICO

**PTERIDACEAE**

*Cheilanthes eatonii*, LIPFERN, EATON'S

*Cheilanthes lindheimeri*, FAIRY SWORDS

*Cheilanthes wootonii*, LIPFERN, WOOTON'S

*Cheilanthes yavapensis*, LIPFERN, GRACEFUL

*Notholaena standleyi*, CLOAKFERN, STANDLEY'S

*Pellaea truncata*, CLIFFBRAKE, SPINY

**GYMNOSPERMS**

**CUPRESSACEAE**

*Juniperus arizonica*, JUNIPER, ARIZONA

*Juniperus deppeana*, JUNIPER, ALLIGATOR

*Juniperus monosperma*, JUNIPER, ONE-SEED

**EPHEDRACEAE**

*Ephedra trifurca*, EPHEDRA, LONGLEAF

**ANGIOSPERMS: DICOTS**

**AIZOCEAE**

*Trianthema portulacastrum*, HORSE PURSLANE

**AMARANTHACEAE**

*Amaranthus arenicola*, PIGWEED, SANDHILL

*Amaranthus palmeri*, PIGWEED/CARELESSWEED

*Froelichia gracilis*, SNAKE COTTON, SLENDER

*Gomphrena caespitosa*, BALL CLOVER

*Gomphrena nitida*, AMARANTH, GLOBE

*Guilleminia densa*, MATWEED, SMALL

**ANACARDIACEAE**

*Rhus microphylla*, SUMAC, SMALL-LEAF

*Rhus trilobata*, LIMITAS/SKUNKBUSH

**APIACEAE**

*Cymopterus multinervatus*, SPRING-PARSLEY PURPLE-NERVE

*Daucus pusillus*, CARROT, SOUTHWESTERN WILD

*Lomatium orientale*, BISCUIT ROOT

## ASCLEPIACEAE

*Asclepias asperula*, MILKWEED ANTELOPE HORNS

*Asclepias subverticulata*, MILKWEED, POISON

## ASTERACEAE

*Acourtia nana*, HOLLY, DESERT

*Acourtia wrightii*, FLUFF-ROOT

*Amauriopsis dissecta*, BAHIA, RAGGED-LEAF

*Ambrosia acanthicarpa*, RAGWEED, BUR

*Ambrosia psilostachya*, RAGWEED, PERENNIAL

*Artemesia ludoviciana*, SAGE, LOUISIANA

*Artemisia carruthii*, SAGEBRUSH, CARRUTH'S

*Artemisia filifolius*, SAGE, SAND

*Artemisia ludoviciana* subsp. *mexicana*, WORMWOOD, MEXICAN

*Baccharis pteronioides*, YERBA-DE-PASMO

*Baccharis salicifolia*, SEEPWILLOW/WILLOW BACCHARIS

*Baccharis sarothoides*, BACCHARIS, BROOM

*Bahia absinthifolia*, BAHIA, SAGELEAF

*Bahia biternata*, BAHIA, SLIM-LOBE

*Baileya multiradiata*, MARIGOLD, DESERT

*Bidens bigelovii*, BEGGARTICK, BIGELOW'S

*Bidens leptocephala*, BEGGARTICK, SLIM

*Bidens tenuisecta*, BEGGARTICK, SLIM-LOBE

*Brickellia brachyphylla*, brickellbush, plumed

*Brickellia californica*, brickellbush, California

*Brickellia eupatorioides* var. *chlorolepis*, false boneset

*Brickellia floribunda*, brickellbush, Chihuahuan

*Brickellia lemmonii* var. *lemmonii*, brickellbush, Lemmon's

*Chaetopappa ericoides*, aster, baby

*Cirsium arizonicum*, thistle, Arizona

*Cirsium wrightii* thistle, Wright's Marsh (rare)

*Conyza canadensis*, horseweed

*Dieteria asteroides*, aster(tansy), shaggy-cup

*Ericameria laricifolia*, turpentine bush

*Ericameria nauseosa*, chamiso/rabbitbrush

*Flourensia cernua*, tarbush

*Gaillardia pinnatifida*, blanketflower

*Grindelia squarrosa*, gumweed, curly-cup

*Gutierrezia microcephala*, snakeweed, thread-leaf

*Gutierrezia sarothrae*, snakeweed, broom

*Helianthus ciliaris*, blueweed

*Helianthus petiolaris*, sunflower, plains

*Heterosperma pinnatum*, wing-petal

*Heterotheca subaxillaris*, camphorweed

*Hymenopappus filifolius*, ragweed, white

*Hymenothrix wislizeni*, thimblehead, trans-pecos

*Hymenothrix wrightii*, thimblehead, Wright's

*Hymenoxys odorata*, bitterweed

*Isocoma tenuisecta*, burroweed  
*Lactuca serriola*, lettuce, prickly  
*Laennecia coulteri*, horseweed, Coulter's  
*Machaeranthera tanacetifolia*, daisy(tahoka-)  
*Malacothrix fendleri*, dandelion (desert-), Fendler's  
*Packera neomexicana*, groundsel, New Mexico  
*Parthenium incanum*, mariola  
*Pectis angustifolia*, limoncillo  
*Pectis cylindrica*, lemonweed, Sonoran  
*Pectis filipes*, lemonweed, thread-leaf  
*Pectis papposa*, chinchweed  
*Pseudognaphalium canescens*, everlasting, gray  
*Pseudognaphalium stramineum*, everlasting, straw  
*Psilostrophe tagetina*, paperflower  
*Rafinesquia neomexicana*, chickory, desert  
*Sanvitalia abertii*, Abert's dome  
*Senecio flaccidus*, groundsel, thread-leaf  
*Solidago lepida*, goldenrod, western  
*Stephanomeria pauciflora*, skeletonweed  
*Thelesperma megapotamicum*, Hopi tea  
*Thymophylla acerosa*, dogweed, prickle-leaf  
*Uropappus lindleyi*, starpoint  
*Verbascum thapsus*, mullein  
*Verbesina enceliodes*, daisy, cowpen  
*Xanthisima gracile*, goldenweed, slender  
*Xanthium strumarium*, cocklebur  
*Zinnia grandiflora*, zinnia, plains

#### BERBERIDACEAE

*Berberis haematocarpa*, algherita

#### BORAGINACEAE

*Amsinckia tessellata*, DEVIL'S LETTUCE  
*Cryptantha cinerea*, HIDDENFLOWER, BOWNUT C  
*Cryptantha crassisejala*, HIDDENFLOWER, THICK SEPAL  
*Cryptantha micrantha*, HIDDENFLOWER, RED-ROOT  
*Cryptantha pterocarya ssp. cycloptera*, HIDDENFLOWER, WINGNUT  
*Lappula occidentalis var. cupulata*, SHEEPBUR, SHINY  
*Plagiobothrys arizonicus*, BLOODWEED

#### BRASSICAEAE

*Descurania pinnata*, TANSY-MUSTARD WESTERN  
*Descurania sophia*, flixweed  
*Lepidium thurberi*, pepperweed, Thurber's  
*Lepidium virginicum var. menziesii*, pepperweed, Virginia

#### CACTACEAE

*Coryphantha vivipara*, cactus, pincushion  
*Cylindropuntia spinosior*, cholla, walking-stick

*Echinocereus coccineus*, cactus, claretcup  
*Echinocereus fendleri*, hedgehog, Fendler's  
*Ferocactus wislizeni*, cactus, barrel  
*Mammillaria heyderi*, nipple-cactus, Heyder's  
*Opuntia chlorotica*, pricklypear, yellow-spined  
*Opuntia engelmannii*, pricklypear, Engelmann  
*Opuntia macrocentra*, cactus, purple prickly pear  
*Opuntia phaeacantha*, pricklypear, brown-spined  
*Opuntia tortispina*, pricklypear, twisted-spine

#### CAMPANULACEAE

*Lobelia cardinalis* Cardinal flower

#### CHENOPODIACEAE

*Atriplex elegans*, saltbush, wheelscale  
*Chenopodium album*  
*Chenopodium leptophyllum*  
*Chenopodium watsonii*, goosefoot, stinking  
*Dysphania graveolens*, goosefoot, fetid  
*Salsola collina*, tumbleweed/Russian thistle, slender  
*Salsola tragus*, tumbleweed/Russian thistle

#### CLEOMACEAE

*Polanisia dodecandra*, clammyweed

#### CONVOLVULACEAE

*Convolvulus equitans*, bindweed, Texas  
*Cuscuta sp.*, dodder  
*Evolvulus sericeus*, evolvulus, silky  
*Ipomea costellata*, morning-glory, crested  
*Ipomea cristulata*, morning-glory, scarlet  
*Ipomea hederacea*, morning-glory, ivy-leaf

#### CUCURBITACEAE

*Apodanthera undulata*, melon loco  
*Cucurbita digitata*, gourd, finger-leaf  
*Curcubita foetidissima*, gourd, buffalo

#### EUPHORBIACEAE

*Acalypha neomexicana*, copperleaf, NM  
*Chamaesaracha sordida*, five-eyes, hairy  
*Chamaesyce albomarginata*, spurge, rattlesnakeweed  
*Chamaesyce dioica*, spurge, royal  
*Chamaesyce hyssopifolia*, spurge, hyssop-leaf  
*Chamaesyce revoluta*, spurge, curl-leaf  
*Chamaesyce serpyllifolia*, spurge, thyme-leaf  
*Chamaesyce serrula*, spurge, saw-tooth  
*Chamaesyce setiloba*, spurge, shaggy Croton texensis, croton, Texas

*Euphorbia davidii*, poinsettia, David's  
*Euphorbia exstipulata*, spurge, square-seed  
*Euphorbia rayturneri* rare  
*Tragia ramosa*, noseburn

#### FABACEAE

*Acaciella angustissima*, acacia, whiteball  
*Amorpha fruticosa*, false indigo  
*Astragalus mollissimus*, locoweed, wooly  
*Astragalus nuttallianus*, locoweed, Nuttall's  
*Astragalus tephrodes*, locoweed, silverline  
*Astragalus thurberi*, milkvetch, Thurber's  
*Calliandra humilis* var. *humilis*, stick-pea, dwarf  
*Calliandra humilis* var. *reticulata*, stick-pea, dwarf  
*Chamaechrista nictans* var. *mensalis*, partridge-pea  
*Crotalaria pumila*, rattlebox  
*Dalea formosa*, indigobush  
*Dalea jamesii*, prairie-clover, James's  
*Dalea nana* var. *nana*, prairie-clover, dwarf  
*Dalea pogonathera*, prairie-clover, bearded  
*Desmodium neomexicanum*, tick-clover, NM  
*Hoffmanseggia glauca*, hog potato  
*Lotus greenii*, trefoil, Greene's  
*Lotus humistratus*, trefoil, foothill  
*Lotus plebeius*, vetch (deer)  
*Lotus wrightii*, vetch (deer)  
*Lupinus brevicaulis*, lupine, short-stem  
*Lupinus concinnus*, lupine, bajada  
*Melilotus albus*, sweet clover, white  
*Mimosa aculeaticarpa*, wait-a-bit  
*Phaseolus pedicellatus*, bean, Sonoran  
*Prosopis glandulosa*, mesquite, honey  
*Rhynchosia senna* var. *texana*, snout-bean, Texas  
*Vachellia constricta*, acacia, whitethorn

#### FAGACEAE

*Quercus emoryi*, oak, emory  
*Quercus grisea*, oak, gray  
*Quercus turbinella*, oak(live)

#### GARRYACEAE

*Garrya wrightii*, silktassel, Wright's

#### GERANIACEAE

*Erodium cicutarium*, filaree  
*Erodium texanum*, heronbill, Texas

GROSSULARIACEAE

*Ribes aureum*, currant, golden

*Ribes cereum*, current, wax

HYDROPHYLLACEAE

*Eucrypta micrantha*, hide-seed, dainty

*Phacelia arizonica*, scorpion-weed, Arizona

*Phacelia bombysina*, scorpion-weed, Mangus Spring

*Phacelia cerulea*, scorpion-weed, sky-blue

JUGLANDACEAE

*Juglans major*, walnut, Arizona

KRAMERIACEAE

*Krameria lanceolata*, ratany, trailing

LAMIACEAE

*Hedeoma nana*, false-pennyroyal, dwarf

*Marrubium vulgare*, horehound

*Monarda pectinata*, beebalm, plains

*Salvia reflexa*, sage, Rocky Mountain

*Salvia subincisa*, sage, sharp-tooth

*Stachys coccinea*, scarlet hedge-nettle

LINACEAE

*Linum vernale*, flax, Chihuahuan

LOASACEAE

*Mentzelia albicaulis*, stickleaf, white-stem

*Mentzelia pumila*, blazingstar, little yellow

MALVACEAE

*Anoda cristata*, anoda

*Herissantia crispa*, mallow, bladder

*Sida abutifolia*, mallow, spreading

*Sphaeralcea coccinea*, globemallow, scarlet

*Sphaeralcea digitata*, globemallow, juniper

*Sphaeralcea incana*, globemallow, soft

MOLLUGINACEAE

*Mollugo verticillata*, carpetweed

MORACEAE

*Morus microphylla*, mulberry, littleleaf

NYCTAGINACEAE

*Boerhavia coccinea*, spiderling, scarlet

*Boerhavia coulteri*, spiderling, Coulter

*Boerhavia purpurascens*, spiderling, purple  
*Boerhavia spicata*, spiderling, creeping  
*Boerhavia triquetra* var. *intermedia*, spiderling, umbellate  
*Mirabilis coccinea*, four o'clock, scarlet  
*Mirabilis linearis*, four o'clock, narrow-leaf  
*Mirabilis longiflora*, four o'clock, sweet  
*Mirabilis multiflora*, maravilla

#### OLEACEAE

*Fraxinus velutina*, ash, velvet  
*Menodora scabra*, frog-eyes/ rough menodora

#### ONAGRACEAE

*Epilobium ciliatum*, willow herb  
*Eremothera chaemaenerioides*, sundrops, fireweed  
*Gaura mollis*, *gaura*, small-flowered (*Oenothera curtiflora*)  
*Oenothera albicaulis*, evening primrose, white-stem  
*Oenothera primaveris*, primrose, spring yellow  
*Oenothera suffrutescens*, *gaura*, scarlet

#### OROBANCHACEAE

*Castilleja integra*, paintbrush, SW Indian  
*Castilleja sessiliflora*, paintbrush, Great Plains Indian-

#### PAPAVERACEAE

*Argemone pleicantha*, poppy, prickly  
*Eschscholtzia californica* var. *mexicana*, poppy, mexican

#### PEDALIACEAE

*Probosidea althaeifolia*, devil's claw

#### PLANTAGINACEAE

*Delphinium Wootonii*, delphinium, Wooton's  
*Maurandia antirrhynifolia*, snapdragon vine, little  
*Mimulus guttatus*, monkeyflower, yellow  
*Mimulus rubella*, monkeyflower, red  
*Nuttallanthus texanus*, toadflax, Texas  
*Penstemon fendleri*, penstemon, Fendler's  
*Penstemon linarioides*, penstemon, toadflax  
*Plantago patagonica*, plantain, wooly  
*Veronica americana*, brooklime, American

#### PLATANACEAE

*Platanus wrightii* Arizona sycamore

#### POLEMONIACEAE

*Eriastrum diffusum*, wool-star  
*Gilia flavocincta*, *gilia*, yellow-throat

*Giliastrum rigidulum*, blue bowls  
*Ipomopsis multiflora*, gilia, many-flowered  
*Leptosiphon aureus*, desert trumpets, golden

#### POLYGALACEAE

*Polygala obscura*, milkwort, velvet-seed

#### POLYGONACEAE

*Eriogonum abertianum*, buckwheat, Abert's  
*Eriogonum polycladon*, buckwheat (wild), sorrel  
*Eriogonum wrightii*, buckwheat (wild), Wright's  
*Polygonum aviculare*, knotweed  
*Rumex hymenosepalus*, canaigre

#### PORTULACACEAE

*Portulaca oleracea*, purslane  
*Portulaca suffrutescens*, purslane, shrubby  
*Portulaca umbraticula*, Chinese hat

#### RANUNCULACEAE

*Anemone tuberosa*, anemone, desert  
*Clematis bigelovii*

#### RHAMNACEAE

*Condalia ericoides*, javelina bush  
*Condalia warnockii*, condalia, Warnock's/ crucillo  
*Rhamnus tomentella subsp. ursina*, buckthorn, California  
*Ziziphus obtusifolia*, lote bush, gray-thorn

#### ROSACEAE

*Fallugia paradoxa*, Apache plume

#### SALICACEAE

*Salix goodingii*, willow, Gooding's  
*Salix exigua* willow, coyote

#### SAPINDACEAE

*Sapindus drummondii*, soapberry

#### SOLANACEAE

*Datura quercifolia*, datura, oak-leaf  
*Datura wrightii*, datura, sacred  
*Lycium pallidum*, wolfberry, pale  
*Nicotiana trigonophylla*, tobacco, desert  
*Physalis foetens* var. *neomexicana*, ground-cherry, NM  
*Solanum elaeagnifolium*, nightshade, silverleaf  
*Solanum heterodoxum*, nightshade, melon-leaf  
*Solanum nigrum*, nightshade, black



*Solanum rostratum*, buffalobur

ULMACEAE

*Celtis palida*, hackberry, spiny

*Celtis reticulata*, hackberry, western

VERBENACEAE

*Aloysia wrightii*, beebrush, Wright's

*Glandularia bipinnatifida*, vervain, Dakota

*Glandularia brevispicata*, vervain, Dakota

*Verbena gracilis*, vervain, Huachuca

VIOLACEAE

*Hybanthus verticillatus*, baby-slippers

VITACEAE

*Vitis arizonica*, grape, Arizona

ZYGOPHYLLACEAE

*Kallestroemia parviflora*, caltrop, warty

*Larrea tridentata*, creosote-bush

**ANGIOSPERMS: MONOCOTS**

AGAVACEAE

*Yucca baccata*, yucca, banana

*Yucca elata*, yucca, soaptree

ALLIACEAE

*Allium macropetalum*, wild onion, largepetal

COMMELINACEAE

*Commelina erecta*, dayflower, white-mouth

CYPERACEAE

*Cyperus* /*Carex* sp., sedge: to be determined by Norris

*Cyperus sphaerolepis*, sedge: Rusby's flat-sedge

JUNCACEAE

*Luzula parviflora* small-flowered wood rush

*Juncus torreyi* Torrey's rush

NOLINACEAE

*Dasyilirion wheeleri*, sotol

*Nolina texana*, bear grass

## POACEAE

*Alopecurus aequalis* short-awn foxtail  
*Andropogon gerardii* bluestem, blueberry  
*Aristida adscensionis* annual or six-weeks three-awn  
*Aristida havardii* Harvard's three-awn  
*Aristida purpurea* var. *longiseta* red or purple three-awn  
*Aristida purpurea* var. *wrightii* Wright's three-awn  
*Aristida schiedeana* single three-awn  
*Aristida ternipes* var. *gentilis*, hook three-awn  
*Aristida ternipes* var. *ternipes* spidergrass  
*Bothriochloa barbinodis* cane bluestem or cane beardgrass  
*Bothriochloa ischaemum* yellow bluestem  
*Bothriochloa springfieldii* Springfield's bluestem  
*Bouteloua aristoides* needlegrass, needle grama  
*Bouteloua barbata* six-weeks grama  
*Bouteloua curtipendula* side-oats grama  
*Bouteloua eriopoda* black grama  
*Bouteloua gracilis* blue grama  
*Bouteloua hirsuta* airy grama  
*Bromus catharticus* rescue grass  
*Bromus rubens* red brome, foxtail chess  
*Cenchrus spinifex* bur(sand)  
*Chloris verticillata* windmill grass  
*Chloris virgata* showy windmill grass  
*Cynodon dactylon* bermuda grass  
*Dasyochloa pulchella* fluffgrass  
*Digitaria californica* Arizona cotton top  
*Distichlis spicata* saltgrass  
*Echinochloa muricata* rough barnyard grass, cockspur  
*Elymus elymoides* squirreltail  
*Elymus longifolius* squirreltail  
*Enneapogon desvauxii* pappu sgrass  
*Eragrostis cilianensis* stinkgrass  
*Eragrostis intermedia* Plains lovegrass  
*Eragrostis lehmanniana* Lehmann lovegrass  
*Eragrostis mexicana* Mexican lovegrass  
*Eragrostis pectinacea* var. *longiseta* Carolina lovegrass  
*Eriochloa* var. *acuminata* cupgrass  
*Hopia obtusa* vine-mesquite  
*Hordeum jubatum* foxtail barley  
*Koeleria macrantha* Junegrass  
*Leptochloa dubia* green sprangletop  
*Lycurus setosus* wolftail  
*Muhlenbergia arenicola* sand muhly  
*Muhlenbergia asperifolia* scratchgrass muhly  
*Muhlenbergia emersleyi* bullgrass muhly  
*Muhlenbergia fragilis* delicate muhly  
*Muhlenbergia porterii* hoegrass, bush muhly

*Muhlenbergia sinuosa* barrens muhly  
*Muhlenbergia tenuifolia* mesa muhly  
*Munroa squarrosa* false buffalo grass  
*Panicum capillare* witch grass  
*Panicum hallii* Hall's witchgrass  
*Panicum hirticaule* Mexican witchgrass  
*Pleuraphis Jamesii* galleta  
*Pleuraphis mutica* tobosa  
*Poa fendleriana* mutton grass  
*Polypogon monseliensis*, rabbit foot grass  
*Polypogon viridis*, bentgrass, water  
*Schedonorus arundinaceus* reed or tall fescue  
*Schizachyrium scoparium* little bluestem  
*Scleropogon brevifolius* burro grass  
*Setaria grisebachii* Grisebach's bristlegrass  
*Setaria leucopila* plains bristlegrass  
*Sporobolus airoidides* alkali sacaton  
*Sporobolus cryptandrus* sand dropseed  
*Sporobolus giganteus* giant dropseed  
*Sporobolus wrightii* giant sacaton  
*Trichloris crinita* false Rhodesgrass  
*Urochloa arizonica* Arizona signal grass  
*Vulpia octoflora* var. *octoflora*, fescue, sixweeks

#### THEMIDACEAE

*Dicholostemma capitatum* subsp. *parviflorum*, blue dicks

#### TYPHACEAE

*Typha* sp., cattail

This list was compiled by Gene & Betty Jercinovic and the following members of the Gila Chapter of the Native Plant Society: Wayne Buckner, Angela & Spike Flanders, Deming Gustafson, Charles Holmes, Elroy & Joan Limmer.

Frank Hays wants to add: *Euphorbia rauturneri* Blue grama *Eragrosti intermedia* or plains love grass *Salix exigua* or coyote willow Arizona juniper

Erin and Saex indicators of good change

Annotated by Kirsten Romig 2017