

**PLANTS OF ARIZONA NATIONAL PARKS,
MONUMENTS, AND HISTORIC SITES
I. WUPATKI NATIONAL MONUMENT
Steve McLaughlin**

Introduced species indicated by an asterisk (*).

I. Ferns and Fern Allies

Adiantaceae

Cheilanthes feei slender lipfern

II. Gymnosperms

Cupressaceae

Juniperus monosperma oneseed juniper

Ephedraceae

Ephedra cultlri Mormon tea

Ephedra torreyana Torrey's jointfir

Ephedra viridis Mormon tea

Pinaceae

Pinus edulis two-needle pinyon

III. Dicots

Amaranthaceae

**Amaranthus albus* prostrate pigweed

Amaranthus blitoides mat amaranth

Amaranthus wrightii Wright's amaranth

Anacardiaceae

Rhus trilobata skunkbush sumac

Apiaceae

Cymopterus bulbosus bulbous spring parsley

Cymopterus multinervatus purplenerve spring parsley

Cymopterus purpurascens widewing spring parsley

Apocynaceae

Amsonia jonesii Jone's bluestar

Amsonia palmeri Palmer's bluestar

Amsonia peeblesii Peeble's bluestar

Amsonia tomentosa var. *stenophylla*
(*A. eastwoodiana*) woolly bluestar

Asclepiadaceae

Asclepias involucrata dwarf milkweed

Asclepias latifolia broadleaf milkweed

Asclepias subverticillata whorled milkweed

Asteraceae

Ambrosia acanthicarpa flatspine burr ragweed

Ambrosia artemisiifolia annual ragweed

Ambrosia psilostachya Cuman ragweed

Artemisia bigelovii Bigelow's sagebrush

Artemisia dracuncululus wormwood

Artemisia filifolia sand sagebrush

Artemisia frigida fringed sagewort

Artemisia ludoviciana Louisiana sagewort

Artemisia tridentata big sagebrush

Baccharis pteronioides yerba de pasmo

Baccharis wrightii Wright's baccharis

Brickellia californica California brickellbush

Brickellia oblongifolia Mojave brickellbush

Brickellia scabra rough brickellbush

Chaenactis macrantha bighead dustymaiden

Chaenactis stevioides Steve's dustymaiden

Chaetopappa ericoides

(*Leuceline ericoides*) rose heath

Chloracantha spinosa

(*Aster spinosus*) spiny chloracantha

Chrysothamnus nauseosus rubber rabbitbrush

Chrysothamnus viscidiflorus green rabbitbrush

Cirsium arizonicum Arizona thistle

Cirsium pulchellum Cainville thistle

Conzya coulteri conyza

Dicoria canescens desert twinbugs

Encelia frutescens var. *resinosa* button brittlebush

Erigeron concinnus

(*E. pumilus* spp. *concinnoides*) Navajo fleabane

Erigeron divergens spreading fleabane

Gaillardia pinnatifida red dome blanketflower

Gutierrezia microcephala threadleaf snakeweed

Gutierrezia sarothrae broom snakeweed

Helianthus petiolaris prairie sunflower

Isocoma wrightii southern jimmyweed

Iva axillaris povertyweed

Machaeranthera canescens hoary aster

Machaeranthera tephrodes cutleaf goldenweed

Malacothrix sonchoides sowthistle desert dandelion

Malacothrix torreyi Torrey's desert dandelion

Pericome caudata mountain leaftail

Psilostrophe sparsiflora greenstem paperflower

Sanvitalia abertii Albert's creeping zinnia

Senecio flaccidus var. *flaccidus*

(*S. longilobus*) threadleaf groundsel

Senecio multicapitatus ragwort groundsel

Senecio multilobatus lobeleaf groundsel

Senecio spartioides broom groundsel

Stephanomeria pauciflora brownplume wirelettuce

Stephanomeria spinosa thorn skeletonweed

Stephanomeria tenuifolia narrowleaf wirelettuce

Stephanomeria thurberi Thurber's wirelettuce

<i>Tetradymia canescens</i>	spineless horsebush	<i>Atriplex canescens</i>	fourwing saltbush
<i>Thymophylla pentachaeta</i> (<i>Dyssodia pentachaeta</i>)	fiveneedle pricklyleaf	<i>Atriplex confertifolia</i>	shadscale saltbush
<i>Townsendia incana</i>	hoary townsendia	<i>Atriplex obovata</i>	mound saltbush
* <i>Tragopogon dubius</i>	yellow salsify	<i>Chenopodium fremontii</i>	Fremont's goosefoot
<i>Xanthium strumarium</i> var. <i>canadense</i>	Canada cocklebur	<i>Chenopodium hians</i>	hians goosefoot
<i>Zinnia grandiflora</i>	Rocky Mountain zinnia	<i>Chenopodium leptophyllum</i>	narrowleaf goosefoot
Boraginaceae		<i>Krascheninnikovia lanata</i> (<i>Eurotia lanata</i>)	winterfat
<i>Cryptantha cinerea</i>	James' catseye	* <i>Salsola tragus</i> (<i>S. kali</i> var. <i>tenuifolia</i> ; <i>S. pestifer</i>)	Russian thistle
<i>Cryptantha crassisejala</i>	thicksepal catseye	<i>Sarcobatus vermiculatus</i>	greasewood
<i>Cryptantha pterocarya</i>	wingnut catseye	<i>Suneda torreyana</i>	Mojave seabite
<i>Heliotropium curassavicum</i>	salt heliotrope	Convolvulaceae	
<i>Lappula occidentalis</i> var. <i>occidentalis</i> (<i>L. redowskii</i>)	desert stickseed	<i>Evolvulus nuttallianus</i> (<i>E. pilosus</i>)	shaggy dwarf morningglory
<i>Lappula occidentalis</i> var. <i>cupulata</i> (<i>L. texana</i>)	flatspine stickseed	Crossosomataceae	
<i>Tiquilia hispidissima</i> (<i>Coldenia hispidissima</i>)	hairy coldenia	<i>Glossopetalon spinescens</i> (<i>Forsellesia nevadensis</i>)	spiny greasewood
<i>Tiquilia nuttallii</i> (<i>Coldenia nuttallii</i>)	Nuttall's coldenia	Cucurbitaceae	
Brassicaceae		<i>Cucurbita foetidissima</i>	Missouri gourd
<i>Descurainia pinnata</i>	western tansymustard	Euphorbiaceae	
<i>Dimorphocarpa wislizenii</i>	tourist plant	<i>Chamaesyce albomarginata</i> (<i>Euphorbia</i> <i>albomarginata</i>)	whitemargin sandmat
<i>Lesquerella arizonica</i>	Arizona bladderpod	<i>Chamaesyce fendleri</i> (<i>Euphorbia fendleri</i>)	Fendler's sandmat
<i>Lesquerella intermedia</i>	mid bladderpod	<i>Chamaesyce micromera</i> (<i>Euphorbia micromera</i>)	Sonoran sandmat
* <i>Sisymbrium altissimum</i>	tall tumblemustard	<i>Chamaesyce parryi</i> (<i>Euphorbia parryi</i>)	Parry's sandmat
<i>Stanleya pinnata</i>	desert prince's plume	<i>Chamaesyce revoluta</i> (<i>Euphorbia revoluta</i>)	threadstem sandmat
<i>Streptanthella longirostris</i>	longbeak streptanthella	<i>Chamaesyce serpyllifolia</i> (<i>Euphorbia serpyllifolia</i>)	thymeleaf sandmat
Cactaceae		<i>Croton texensis</i>	Texas croton
<i>Coryphantha vivipara</i>	spinystar	<i>Euphorbia exstipulata</i>	squareseed spurge
<i>Echinocactus polycephalus</i>	cottontop cactus	<i>Tragia nepetifolia</i>	catnip noseburn
<i>Echinocereus fendleri</i>	pinkflower hedgehog	Fabaceae	
<i>Opuntia erinacea</i>	grizzly bear pricklypear	* <i>Alhagi camelorum</i>	camelthorn
<i>Opuntia macrorhiza</i>	twistspine pricklypear	<i>Astragalus allochrous</i>	halfmoon milkvetch
<i>Opuntia whipplei</i>	Whipple cholla	<i>Astragalus amphioxys</i>	crescent milkvetch
<i>Pediocactus simpsonii</i>	Simpson hedgehog cactus	<i>Astragalus episcopus</i>	bishop's milkvetch
Capparaceae		<i>Astragalus lancearius</i>	bishop's milkvetch
<i>Cleome serrulata</i>	Rocky Mountain beeplant	<i>Astragalus lentiginosus</i>	specklepod milkvetch
<i>Polanisia dodecandra</i> ssp. <i>trachysperma</i>	sandyseed clammyweed	<i>Astragalus lentiginosus</i> var. <i>albiflorus</i>	specklepod milkvetch
<i>Wislizenia refracta</i>	jackass clover	<i>Astragalus praelongus</i>	stinking milkvetch
Caprifoliaceae		<i>Astragalus tephrodes</i>	ashen milkvetch
<i>Symphoricarpos</i> <i>oreophilus</i>	whortleleaf snowberry	<i>Astragalus wootonii</i>	Wooton's milkvetch
Caryophyllaceae			
<i>Arenaria eastwoodiae</i>	Eastwood's sandwort		
Chenopodiaceae			
<i>Allenrolfea occidentalis</i>	iodinebush		

<i>Caesalpinia drepanocarpa</i> (Hoffmannseggia <i>drepanocarpa</i>)	sicklepod holdback	<i>Gaura coccinea</i>	scarlet bee blossom
<i>Caesalpinia jamesii</i>	James' holdback	<i>Oenothera pallida</i>	pale evening primrose
<i>Dalea filiformis</i>	Sonoran prairie clover	<i>Oenothera pallida</i> <i>ssp. runcinata</i>	pale evening primrose
<i>Dalea lanata</i> var. <i>terminalis</i>	woolly prairie clover	Polemoniaceae	
<i>Lotus wrightii</i>	Wright's deervetch	<i>Gilia hutchinsifolia</i>	desert pale gilia
<i>Lupinus pusillus</i>	rusty lupine	<i>Gilia leptomeria</i>	sand gilia
<i>Parryella filifolia</i>	cornmon dunebroom	<i>Gilia sinuata</i>	rosy gilia
<i>Phaseolus angustissimus</i>	slimleaf bean	<i>Gilia tenuiflora</i>	greater yellowthroat gilia
<i>Psoralea thompsoniae</i> var. <i>whitingii</i>	Whiting's smokebush	<i>Ipomopsis gunnisonii</i>	sanddune skyrocket
<i>Senna bauhinioides</i> (<i>Cassia bauhinioides</i>)	twinleaf senna	<i>Ipomopsis longiflora</i> (<i>Gilia longiflora</i>)	flaxflowered gilia
Grossulariaceae		<i>Ipomopsis multiflora</i>	many-flowered gilia
<i>Ribes cereum</i>	wax current	<i>Ipomopsis polycladon</i>	many-branched gilia
Hydrophyllaceae		Polygonaceae	
<i>Nama dichotomum</i>	wishbone fiddleleaf	<i>Eriogonum corymbosum</i>	crispleaf buckwheat
<i>Nama hispidum</i>	bristly nama	<i>Eriogonum corymbosum</i> var. <i>glutinosum</i>	crispleaf buckwheat
<i>Phacelia crenulata</i>	cleftleaf wild heliotrope	<i>Eriogonum deflexum</i>	flatcrown buckwheat
<i>Phacelia integrifolia</i>	gypsum scorpionweed	<i>Eriogonum divaricatum</i>	divergent buckwheat
<i>Phacelia welshii</i>	Welsh's phacelia	<i>Eriogonum hookeri</i>	Hooker's buckwheat
Juglandaceae		<i>Eriogonum jonesii</i>	Jones' buckwheat
<i>Juglans major</i>	Arizona walnut	<i>Eriogonum leptocladon</i>	sand buckwheat
Lamiaceae		<i>Eriogonum wetherillii</i>	Wetherill's buckwheat
<i>Hedeoma drummondii</i>	Drummond's false pennyroyal	Portulacaceae	
<i>Hedeoma nana</i>	false pennyroyal	<i>Portulaca mundula</i>	kiss me quick
* <i>Marrubium vulgare</i>	horehound	<i>Portulaca retusa</i>	little hogweed
<i>Poliomintha incana</i>	hoary rosemary mint	Rosaceae	
Loasaceae		<i>Fallugia paradoxa</i>	Apache plume
<i>Mentzelia albicaulis</i>	whitestem blazingstar	<i>Petrophytum caespitosum</i>	mat rock spiraea
<i>Mentzelia pumila</i>	dwarf mentzelia	<i>Purshia stansburiana</i> (<i>Cowania mexicana</i>)	Mexican cliffrose
Malvaceae		Salicaceae	
<i>Abutilon parvulum</i>	dwarf Indian mallow	<i>Populus fremontii</i>	Fremont's cottonwood
<i>Sphaeralcea grossulariifolia</i>	gooseberry-leaf globemallow	Scrophulariaceae	
<i>Sphaeralcea leptophylla</i>	scaly globemallow	<i>Castilleja angustifolia</i> var. <i>dubia</i> (<i>C. chromosa</i>)	northwestern Indian paintbrush
<i>Sphaeralcea parvifolia</i>	smallflower globemallow	<i>Castilleja integra</i>	wholeleaf Indian paintbrush
<i>Sphaeralcea subhastata</i>	globemallow	<i>Castilleja linariifolia</i>	Wyoming Indian paintbrush
Nyctaginaceae		<i>Mimulus guttatus</i>	seep monkeyflower
<i>Abronia elliptica</i>	fragrant white sand verbena	<i>Mimulus rubellus</i>	red monkeyflower
<i>Allionia incarnata</i>	trailing windmills	<i>Penstemon ambiguus</i>	gilia beardtongue
<i>Boerhavia coulteri</i>	Coulter's spiderling	<i>Penstemon barbatus</i>	beardlip penstemon
<i>Boerhavia spicata</i>	creeping spiderling	* <i>Verbascum thapsus</i>	common mullein
<i>Boerhavia wrightii</i>	largebract spiderling	Solanaceae	
<i>Mirabilis multiflora</i>	Colorado four o'clock	<i>Chamaesaracha coronopus</i>	greenleaf five eyes
<i>Tripterocalyx micranthus</i>	smallflower sand verbena	<i>Datura inoxia</i>	angel's trumpet
Oleaceae		<i>Lycium andersonii</i>	Anderson's wolfberry
<i>Forestiera neomexicana</i>	stretchberry	<i>Lycium pallidum</i>	pale wolfberry
Onagraceae		<i>Nicotiana attenuata</i>	coyote tobacco
<i>Calyophus lavandulifolius</i>	lavenderleaf sundrops	<i>Nicotiana trigonophylla</i>	desert tobacco
<i>Camissonia boothii</i>	booth's evening primrose	<i>Physalis fendleri</i>	Fendler's groundcherry
<i>Camissonia walkeri</i>	Walker's suncup	<i>Physalis hederifolia</i>	ivyleaf groundcherry

Solanum elaeagnifolium silverleaf nightshade
Tamaricaceae
**Tamarix chinensis* fivestamen tamarisk
Ulmaceae
Celtis laevigata var. reticulata netleaf hackberry
Verbenaceae
Aloysia wrightii Wright's beebrush
Glandularia gooddingii
 (*Verbena gooddingii*)
Glandularia wrightii
 (*Verbena wrightii*) Davis Mountain mock vervain
Tetradlea coulteri Coulter's wrinklefruit
Viscaceae
Phoradendron juniperinum juniper mistletoe
Zygophyllaceae
Kallstroemia parviflora warty caltrop
**Tribulus terrestris* puncture vine
IV. Monocots
Agavaceae
Yucca baileyi var. navajoa Navajo yucca



Hibiscus coulteri and *Ipomea coccinea*
 by Margaret Pope

Poaceae
Andropogon gerardii var. paucipilus sand bluestem
Aristida barbata Havard's threeawn
Aristida purpurea var. purpurea purple threeawn
Aristida purpurea var. longiseta
 (*A. longiseta*) Fendler threeawn
Bothriochloa barbinodis cane bluestem
Bouteloua barbata sixweeks grama
Bouteloua curtipendula sideoats grama
Bouteloua eriopoda black grama
Bouteloua gracilis blue grama
Distichlis spicata var. stricta inland saltgrass
Elymus elymoides
 (*Sitanion hystrix*) bottlebrush squirreltail
Enneapogon desvauxii nineawn pappusgrass
Erioneuron pulchellum
 (*Tridens pulchellus*) low woollygrass
Hilaria jamesii galleta
Muhlenbergia porteri bush muhly
Oryzopsis hymenoides Indian ricegrass
Phragmites australis common reed
Scleropogon brevifolius burrograss
Setaria leucopila streambed bristlegrass
Sporobolus airoides alkali sacaton
Sporobolus contractus spike dropseed
Sporobolus flexuosus mesa dropseed
Sporobolus giganteus giant dropseed
Stipa arida arid dropseed
Stipa comata needle and thread
Stipa neomexicana New Mexico needlegrass
Stipa speciosa desert needlegrass

Chiricahua Workshop

As usual, the annual Chiricahua Workshop will take place in the refreshing atmosphere of the American Museum of Natural History's Southwest Research Station at Portal over Labor Day Weekend, September 4-7. A mailing will go out this summer with details and forms.

Be sure to register early, as the workshop usually fills up quickly and there is a limit on the number of participants.