

A CHECKLIST OF PLANTS
of
PETRIFIED FOREST NATIONAL PARK

Compiled By: Larry Henderson, Park Naturalist

This checklist based on plant specimens in the park herbarium, July, 1966.

Scientific nomenclature cited from:

"Arizona Flora", Kearney & Peebles, 1960

Common nomenclature cited from:

"Arizona Flora", Kearney & Peebles, 1960

"Standardized Plant Names", Kelsey & Dayton, 1942

"Cacti of the Southwest", W.H.Earle, 1963

PINACEAE - Pine Family

Pinus edulis

Colorado Pinyon Pine

CUPRESSACEAE - Cypress Family

Juniperus monosperma

One-seed Juniper

EPHEDRACEAE - Joint-fir Family

Ephedra Cutleri

Ephedra, Mormon Tea

E. Torreyana

Ephedra, Mormon Tea

GRAMINEAE - Grass Family

Andropogon saccharoides

Silver Bluestem

A. scoparius var. neomexicanus

Little Bluestem, New Mexico Bluestem

A. Hallii

Sand or Sandhill Bluestem, Turkey Foot

Sorghum halepense

Johnson Grass

Hilaria Jamesii

Galleta Grass

Panicum capillare

Common Witch Grass

P. hirticaule

Roughstalk Witch Grass

P. obtusum

Vine Mesquite

Setaria viridis

Green Bristlegrass

Cenchrus pauciflorus

Mat Sandbur

Echinochloa Crusgalli var. zelayensis

Alkalai Barnyard Grass

Aristida adscensionis

Six-weeks Three-awn

A. Fendleriana

Fendler Three-awn

A. longiseta

Red Three-awn

Stipa arida

Mormon Needle Grass

S. speciosa

Desert Needle Grass

S. comata

Needle and Thread

S. neomexicana

New Mexico Feather Grass

GRAMINEAE (continued)

<u>Oryzopsis micrantha</u>	Littleseed Rice Grass
<u>O. hymenoides</u>	Indian Rice Grass, Indian Millet
<u>Muhlenbergia depauperata</u>	Sixweeks Muhly
<u>M. Torreyi</u>	Ring Muhly
<u>M. Porteri</u>	Bush Muhly
<u>M. pungens</u>	Sand-hill Muhly
<u>M. longiligula</u>	Long Tongue Muhly
<u>Sporobolus contractus</u>	Spike Dropseed
<u>S. cryptandrus</u>	Sand Dropseed
<u>S. airoides</u>	Alkali Sacaton
<u>S. giganteus</u>	Giant Dropseed
<u>S. flexuosus</u>	Mesa Dropseed
<u>S. interruptus</u>	Black Dropseed
<u>Polypogon monspeliensis</u>	Rabbit-foot Polypogon
<u>Calamovilfa gigantea</u>	Big Sand Reed
<u>Boutelous curtispindula</u>	Sideoats Grama
<u>B. aristidoides</u>	Needle Grama
<u>B. gracilis</u>	Blue Grama
<u>B. hirsuta</u>	Hairy Grama
<u>B. barbata</u>	Six-Weeks Grama
<u>B. eriopoda</u>	Black Grama
<u>B. simplex</u>	Mat Grama
<u>B. Rothrockii</u>	Rothrock Grama
<u>Schedonnardus paniculatus</u>	Tumble Grass
<u>Cynodon dactylon</u>	Bermuda Grass
<u>Chloris virgata</u>	Feather Finger Grass, Showy Chloris
<u>Munroa squarrosa</u>	False Buffalo Grass
<u>Ennypogon Desvauxii</u>	False Pappus Grass
<u>Tridens pulchellus</u>	Fluff Grass
<u>Eragrostis Orcuttiana</u>	Orcutt Love Grass
<u>E. diffusa</u>	Spreading Love Grass
<u>E. arida</u>	Desert Love Grass
<u>E. spectabilis</u>	Purple Love Grass
<u>Distichlis stricta</u>	Inland Salt Grass
<u>Poa Fendleriana</u>	Mutton Grass
<u>P. arida</u>	Plains Bluegrass
<u>Puccinellia fasciculata</u>	Torrey Alkaligrass
<u>Festuca octoflora</u>	Six-weeks Fescue
<u>F. elatior</u>	Meadow Fescue

GRAMINEAE (continued)

<u>Bromus inermis</u>	Smooth Brome
<u>B. rigidus</u>	Ripgut Brome
<u>B. rubens</u>	Foxtail or Red Brome
<u>B. racemosus</u>	Bald Brome
<u>B. tectorum</u>	Cheat Grass Brome
<u>B. mollis</u>	Soft Brome
<u>Lolium perenne</u>	Perennial Rye Grass
<u>Agropyron Smithii</u>	Western Wheat Grass, Colorado Bluestem
<u>A. pseudorepens</u>	False Quack Grass
<u>Hordeum pussillum</u>	Little Barley
<u>H.. jubatum</u>	Foxtail Barley
<u>Sitanion Hystrix</u>	Bottlebrush Squirrel-tail

CYPERACEAE - Sedge Family

<u>Cyperus niger</u>	Black Flat Sedge
<u>C. aristatus</u>	Bearded Flat Sedge
<u>Scirpus acutus</u>	Tule Bulrush
<u>S. paludosus</u>	Alkali Bulrush
<u>Eleocharis Parishii</u>	Spike Rush

LILIACEAE - Lily Family

<u>Allium macropetalum</u>	Wild Onion
<u>Calochortus Nuttallii</u> var. <u>aureus</u>	Golden Sego Lily, Mariposa
<u>Yucca baccata</u>	Broad-leafed or Datil Yucca
<u>Y. angustissima</u>	Narrow-leafed Yucca, Spanish Bayonet

SALICACEAE - Willow Family

<u>Populus acuminata</u>	Lance-leaf Cottonwood
<u>P. Fremontii</u>	Fremont Cottonwood
<u>Salix exigua</u>	Coyote Willow

LORANTHACEAE - Mistletoe Family

<u>Phoradendron juniperinum</u>	Juniper Mistletoe
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SANTALACEAE - Sandalwood Family

<u>Comandra pallida</u>	Bastard Toad-flax
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POLYGONACEAE - Buckwheat Family

<u>Polygonum aviculare</u>	Prostrate Knotweed
<u>Rumex hymenosepalus</u>	Dock, Wild Rhubarb, Canaigre
<u>Eriogonum Simpsoni</u>	Wild Buckwheat
<u>E. lachnogynum</u>	
<u>E. subreniforme</u>	
<u>E. salsuginosum</u>	
<u>E. divaricatum</u>	
<u>E. aureum</u>	
<u>E. triste</u>	

CHENOPODIACEAE - Goosefoot Family

<u>Chenopodium Berlandieri</u>	Pitseed Goosefoot
<u>C. leptophyllum</u>	Slimleaf Goosefoot
<u>Corispermum nitidum</u>	Bug Seed
<u>Atriplex confertifolia</u>	Shad-scale Salt Bush, Sheep Fat
<u>A. canescens</u>	4-Winged Salt Bush, Chamiso
<u>A. Powellii</u>	Powell's Salt Bush
<u>Grayia Brandegei</u>	Spineless Hop-sage
<u>Allenrolfea occidentalis</u>	Iodine Bush, Pickel Weed, Chico
<u>Sarcobatus vermiculatus</u>	Grease Wood
<u>Salsola Kali var. tenuifolia</u>	Russian Thistle, Tumbleweed

NYCTAGINACEAE - Four-O'clock Family

<u>Mirabilis multiflora</u>	Colorado Four - o'clock
<u>Oxybaphus glaber</u>	Oxybaphus
<u>Abronia elliptica</u>	Sand Verbena
<u>A. fragrans</u>	Snowball Sand Verbena

CARYOPHYLLACEAE - Pink Family

<u>Arenaria Eastwoodiae</u>	Sandwort
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PORTULACACEAE - Portulaca Family

<u>Portulaca oleraceae</u>	Common Purslane, Pusley
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RANUNCULACEAE - Crowfoot Family

<u>Delphinium scaposum</u>	Barestem Larkspur
<u>Clematis linguistifolia</u>	Clematis, Western Virginsbower

CRUCIFERAE - Mustard Family

<u>Stanleya pinnata</u>	Desert Princes Plume
<u>Dithyrea Wislizeni</u>	Spectacle-pod
<u>Lesquerella arizonica</u>	Bladder-pod
<u>L. Fendleri</u>	
<u>L. intermedia</u>	
<u>Arabis lignifera</u>	Rock Cress
<u>A. pulchra</u>	
<u>Erysimum capitatum</u>	Western Wallflower, Coast Erysimum
<u>Descurainia pinnata</u>	Pinnate Tansy Mustard
<u>D. Sophia</u>	Flixweed Tansy. Mustard

CAPPARIDACEAE - Caper Family

Wislizenia refracta var. melilotoides
Cleome serrulata

Jackass Clover
Rocky Mountain Bee-plant, Bee Spider-
flower

ROSACEAE - Rose Family

Cowania mexicana var Stansburiana

Cliff-rose

LEGUMINOSAE - Pea Family

Hoffmanseggia Jamesii

Lupinus brevicaulis

Medicago sativa

Melilotus officinalis

Parryella filifolia

Dalea terminalis

Petalostemum candidum

P. flavesceus

Astragalus Kentrophyta

A. lentiginosus

A. praelongus

A. Thompsonae

A. Brandegei

A. ceramicus var. filifolius

A. convallarius

Rush Pea, Ditch Pea

Shortstem Lupine

Alfalfa, Lucerne

Yellow Sweet Clover

Dune Vetch, Dune Broom

Indigo Bush, Pea Bush

White Prairie Clover

Yellow Prairie Clover

Loco Weed

Specklepod Loco Weed

Yellow Loco Weed, Straight Stem Poison

Thompson Loco Weed

Vetch

Wooly Locoweed

Timber Poison Vetch

GERANIACEAE - Geranium Family

Erodium cicutarium

Heron-bill

LINACEAE - Flax Family

Linum aristatum

L. neomexicanum

Blue Flax

New Mexico Flax

ZYGOPHYLLACEAE - Caltrop Family

Tribulus terrestris

Bull-head, Dorillo, Puncture Vine

EUPHORBIACEAE - Spurge Family

Croton texensis

Euphorbia Parryi

E. Fendleri

E. albomarginata

Dove Weed, Texan Croton

Euphorbia

Fendler Euphorbia

White-margin Euphorbia, Rattlesnake
Weed

ANACARDIACEAE - Cashew Family

Rhus trilobata

Squaw-bush, Skunk-bush

MALVACEAE - Mallow Family

<u>Sphaeralcea parvifolia</u>	Globe Mallow
<u>S. incana</u>	
<u>Sida hederaceae</u>	Alkali Sida

TAMARICACEAE - Tamarix Family

<u>Tamarix pentandra</u>	Tamarix, Salt Cedar
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LOASACEAE - Loasa Family

<u>Mentzelia albicaulis</u>	White-stemmed Mentzelia, Stick-leaf
<u>M. pumila</u>	Blazing Star

CACTACEAE - Cactus Family

<u>Toumeyia papyracantha</u>	Toumeyia, Paper-spined Cactus
<u>Echinocereus Fendleri</u>	Claret Cup Cactus, Hedgehog
<u>Sclerocactus Whipplei</u>	Barrel Cactus, Devils Claw Barrel
<u>Mammillaria arizonica</u>	Beehive Cactus, Arizona Coryphantha
<u>Opuntia hystrix</u>	Porcupine Prickly Pear
<u>O. rhodantha</u>	Cliff Prickly Pear
<u>O. Whipplei</u>	Plateau Cholla, Whipple Cholla

ONAGRACEAE - Evening Primrose Family

<u>Oenothera caespitosa</u> var. <u>montana</u>	Tufted Evening Primrose
<u>O. runcinata</u>	Evening Primrose
<u>O. pallida</u>	Pale Evening Primrose
<u>Gaura parviflora</u>	Gaura
<u>G. coccinea</u>	Scarlet Gaura

UMBELLIFERAE - Parsley Family

<u>Cymopterus Newberryi</u>	Chimaya, Bisquit Root
<u>C. purpureus</u>	Chimaya
<u>C. purpurascens</u>	Chimaya

PRIMULACEAE - Primrose Family

<u>Anagallis arvensis</u>	Scarlet Pimpernel
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OLEACEAE - Olive Family

<u>Forestiera neomexicana</u>	Wild Olive, New Mexico Forestiera
<u>Menodora scabra</u>	Rough Menodora

GENTIANACEAE - Gentian Family

<u>Swertia utahensis</u>	Mule Ears
<u>S. radiata</u>	Green Gentian

ASCLEPIADACEAE - Milkweed Family

<u>Asclepias</u> <u>involucrata</u>	Dwarf Milkweed
<u>A.</u> <u>subverticillata</u>	Poison Milkweed

POLEMONIACEAE - Phlox Family

<u>Gilia</u> <u>Gunnisoni</u>	Gilia
<u>G.</u> <u>pumila</u>	
<u>G.</u> <u>rigidula</u> var. <u>acerosa</u>	
<u>G.</u> <u>subnuda</u>	
<u>G.</u> <u>longiflora</u>	Blue Gilia

HYCROPHYLLACEAE - Waterleaf Family

<u>Phacelia</u> <u>crenulata</u>	Wild Heliotrope
<u>P.</u> <u>neomexicana</u> var. <u>pseudo-Arizonica</u>	Phacelia
<u>P.</u> <u>cephalotes</u>	
<u>P.</u> <u>integrifolia</u>	

BORAGINACEAE - Borage Family

<u>Heliotropium</u> <u>convolvulaceum</u>	Heliotrope
<u>Lappula</u> <u>texana</u>	Stickseed
<u>Lithospermum</u> <u>incisum</u>	Gromwell, Puccoon
<u>Lappula</u> <u>Redowskii</u>	Stickseed
<u>Cryptantha</u> <u>crassisejala</u>	Cryptantha

VERBENACEAE - Vervain Family

<u>Verbena</u> <u>bracteata</u>	Vervain, Bigbract Verbena
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SOLANACEAE - Potato Family

<u>Lycium</u> <u>pallidum</u>	Pale Wolfberry
<u>Physalis</u> <u>Fendleri</u>	Groundcherry
<u>Solanum</u> <u>nodiflorum</u>	Night Shade
<u>S.</u> <u>elaeagnifolium</u>	Silverleaf Night Shade
<u>S.</u> <u>rostratum</u>	Buffalo Bur Night Shade
<u>Datura</u> <u>meteloides</u>	Sacred Datura, Jimson Weed
<u>Nicotiana</u> <u>attenuata</u>	Coyote Tobacco

LABIATAE - Mint Family

<u>Salvia</u> <u>reflexa</u>	Rocky Mountain Sage
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SCROPHULARIACEAE - Figwort Family

<u>Castilleja</u> <u>chromosa</u>	Indian Paintbrush, Painted Cup
<u>C.</u> <u>linariaefolia</u>	Wyoming Painted Cup
<u>C.</u> <u>integra</u>	Wholeleaf Painted Cup
<u>Cordylanthus</u> <u>Wrightii</u> var. <u>pauciflorus</u>	Club Flower, Birdbeak PFMA 7/66

OROBANCHACEAE - Broom-Rape Family

Orobanche multiflora Broom-rape
O. fasciculata var. lutea

PLANTAGINACEAE - Plantain Family

Plantago Purshii Woolly Indian Wheat, Pursh Plantain

RUBIACEAE - Madder Family

Houstonia rubra Houstonia, Bluets

BERBERIDACEAE - Barberry Family

Berberis haematocarpa Red Mahonia, Barberry, Holly-grape

COMPOSITAE - Sunflower Family

<u>Brickellia oblongifolia</u>	Mohave Brickellia
<u>Kuhnia rosmarinifolia</u>	Kuhnia
<u>Grindelia aphanactis</u>	Gumweed
<u>Chrysopsis villosa</u>	Hairy Goldaster
<u>Grindelia squarrosa</u> var. <u>serrulata</u>	Curlycup Gumweed
<u>Chrysothamnus viscidiflorus</u> var. <u>stemophyllus</u>	Douglas Rabbit Brush
<u>C. nauseous</u> var. <u>Bigelovii</u>	Rubber Rabbit Brush
<u>C. Parryi</u> var. <u>nevadensis</u>	Parry Rabbit Brush
<u>Townsendia incana</u>	Hoary Townsendia, Easter Daisy
<u>Aster cichoriaceus</u>	Aster
<u>A. hirtifolius</u>	
<u>A. arenosus</u>	
<u>Erigeron canadensis</u>	Horseweed Fleabane
<u>Ambrosia artemisiifolia</u>	Common Ragweed
<u>Xanthium saccharatum</u>	Cocklebur
<u>Zinnia grandiflora</u>	Rocky Mountain Zinnia
<u>Ratibida Tagetes</u>	Prairie Cone Flower
<u>Viguiera annua</u>	Golden Eye
<u>Helianthus annuus</u>	Common Sunflower
<u>Verbesina encelioides</u>	Golden Crownbeard
<u>Thelesperma megapo tamicum</u>	Greenthread
<u>Bidens Bigelovii</u>	Spanish Needles, Beggar Ticks
<u>Psilostrophe tagetina</u>	Wooly Paper Flower
<u>Hymenopappus pauciflorus</u>	Hymenopappus
<u>H. robustus</u>	
<u>Chaenactis stevioides</u>	Falseyarrow
<u>C. macrantha</u>	
<u>Gaillardia pinnatifida</u>	Gaillardia, Blanket Flower
<u>Hymenoxys acaulis</u> var. <u>arizonica</u>	Arizona Stemless Actinea
<u>H. acaulis</u> var. <u>Ivesiana</u>	
<u>Pectis angustifolia</u>	Fetid Marigold
<u>Artemisia filifolia</u>	Sand Sagebrush
<u>A. tridentata</u>	Big Sagebrush
<u>A. frigida</u>	Finged Sagebrush, Estafiata
<u>Tetradymia canescens</u>	Gray Horse Brush
<u>Senecio longilobus</u>	Threadleaf Groundsel
<u>Stephanomeria exigua</u>	Wire Lettuce
<u>Tragopogon pratensis</u>	Meadow Salsify
<u>Lactuca Serriola integrata</u>	Prickly Lettuce

COMPOSITAE - (Continued)

<u>Lygodesmia grandiflora</u>	Lygodesmia, Skeleton Plant
<u>Malacothrix Fendleri</u>	Wild Dandelion
<u>M. sonchoides</u>	Desert Dandelion
<u>Aplopappus spinulosus</u>	Aplopappus, Ironplant Goldenweed
<u>A. gracilis</u>	Goldenweed
<u>A. Parryi</u>	
<u>Hymenothrix Loomisii</u>	Hymenothrix
<u>Gutierrezia lucida</u>	Sticky Snakeweed
<u>G. microcephala</u>	Threadleaf Snakeweed
<u>G. Sarothrae</u>	Broom Snakeweed

CALOPLACEAE - Lichen Family

<u>Caloplaca cladodes</u>	Beautiful Many Shoots Lichen
<u>Lecanora rubina</u>	Lecamora
<u>Lecidea lurida</u>	Greenish-yellow Dish Lichen

TORTULACEAE - Moss Family

<u>Tortula ruralis</u>	Desert Moss
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