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Aztec Ruins
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PLANTS IN THE REGION OF

AZTEC RUINS NATIONAL MONUMENT

compiled by

Ora M. Clark

Picked up 5/8/51 JPA

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

6 April 1950

Dear Mrs Patraw:

The following is a partial list of the plants of the Sonoran Zone found in the region of Aztec Ruins National Monument. This list is one compiled by Ora M. Clark, temporary ranger, and is not intended to be a complete listing of the flora in this area.

Polypodiaceae (FERNS)

1. *Cheilanthes feei*-Moore

Equisetaceae (HORSETAILS)

- 1-*Equisetum laevigatum*-Br.

Pinaceae (PINE)

- 1-*Pinus edulis*-Engelm. (PINYON)
2-*Juniperus monosperma*-(Engelm) Sarg.
3-*Juniperus utahensis*-(Engelm) Lem.

Gentaceae (JOINT FIR)

- 1-*Ephedra torreyana* S. Wats.

Gramineae (GRASS)

- 1-*Sitanion hystrix*-(Nutt) J.G. Smith.
2-*Oryzopsis hymenoides*-(Schultz & Rom) Ricker.
3-*Stipa neo-mexicana*-(Thurb) Schrib.
4-*Hilaria jamesii*-(Torr) Benth.
5-*Festuca octaflora*-Walt.
6-*Elymus salina*-M.E. Jones
7-*Bromus tectorum*-L.
8-*Bromus rubus*-L.
9-*Muhlenbergia pungens*-Thurb.
10-*Aristida fendleriana*-Steud.
11-*Bouteloua eriopoda*-Torr.
12-*Sporobolus giganteus*-Nash.
13-*Bouteloua barbata*-Lag.
14-*Bouteloua curtipendula*-(Michx) Torr.
15-*Digitaria sanguinalis*-(L) Scop.
16-*Panicum capillare*-L.
17-*Setaria macrostachya*-H.B.K.
18-*Cenchrus echinatus*-L.
19-*Andropogon barbinodis*-Lag.
20-*Sorghum halipense*-(L) Pers.
21-*Sorghastrum nutans*-(L) Nash.

Cyperaceae (SEDGE)

- 1-*Scirpus microcarpus*-Presl.

- 2-*Eleocharis parviflora*-Britt.
3-*Carex filifolia*-Nutt.

Commelinaceae (SPIDERWORT)

- 1-*Commelina dianthifolia*-Delile.
2-*Tradescantia occidentalis*-(Brit) Smyth.

Liliaceae (LILY)

- 1-*Zygadenus elegans*-Pursh.
2-*Zygadenus virescens*-(MBK) Macb.
Allium deserticola-(M.E.J) Woot. & Standl.
5-*Brodiaea lemmonae*-S. Wats.
6-*Androstephium breviflorum*-S.Wats.
7-*Calochortus nuttallii*-T.& G.
8-*Calochortus kennedi*-Port.
9-*Calochortus gunnisonii*-S.Wats.
10-*Yucca baileyi*-Woot. & Standl.
11-*Yucca angustissima*-Engelm.
12-*Asparagus officinale*-L.

SALICACEAE (WILLOW)

- 1-*Populus fremontii*-S.Wats.
2-*Salix lasiolepis*-Benth.
3-*Salix gooddingii*-Ball

Fagaceae (BEECH)

- 1-*Quercus gambelii*-Nutt.

Ulmaceae (ELM)

- 1-*Celtis reticulata*-Torr.

Loranthaceae (MISTLETOE)

- 1-*Phoradendron juniperinum*-Engelm.

Santalaceae (SANDALWOOD)

- 1-*Comandra pallida*-A.DC.

Polygonaceae (BUCKWHEAT)

- 1-*Eriogonum wetherillii*-Eastw.
- 2-*Eriogonum subreniforme*-S.Wats.
- 3-*Eriogonum jamesii*-Benth.
- 4-*Eriogonum cornatum*-Green.
- Eriogonum ovalifolium*-Nutt.
- 6-*Eriogonum pulvinatum*-Sm.
- 7-*Eriogonum racemosum*-Nutt.
- 8-*Eriogonum corymbosum*-Benth.
- 9-*Eriogonum aureum*-M.E. Jones.
- 10-*Rumex hymenosephalus*-Torr.
- 11-*Rumex crispus*-L.
- 12-*Polygonum douglasii*-Greene.
- 13-*Polygonum sawathhense*-Sm.
- 14-*Polygonum coccineum*-Muhl.

Chenipodiaceae (GOOSEFOOT)

- 1-*Chenipodium album*-L.
- 2-*Atriplex joensis*-Standl.
- 3-*Atriplex confertifolia*-(T. & Fern Wats.) Rydb.
- 4-*Atriplex canescens*-(Pursh) Nutt.
- 5-*Croton lanata*-(Pursh) Moq.
- 6-*Scorobatus verniculatus*-(Hook) Torr.
- 7-*Suaeda torreyana*-S.Wats.
- 8-*Salsola pestifera*-A.Nels.

Amaranthaceae (AMARANTH)

- 1-*Amaranthus blitoides*-(Ul. & Bray) Rydb.
- 2-*Amaranthus retroflexus*-L.
- 3-*Tidestromia lanuginosa*-(Nutt) Standl.

Nicotianaceae (FOUR-OCLOCK)

- 1-*Mirabilis oxycarpoides*-Gray.
- 2-*Mirabilis bigelovii*-Gray
- 3-*Mirabilis longiflora*-L.
- 4-*Oxyphaps linearis*-(Pursh) Robinson
- 5-*Abronia fragrans*-Nutt.
- 6-*Abronia elliptica*-A.Nels.

Portulacaceae (PUFFBLANE)

- 1-*Claytonia rosea*-Rydb.
- 2-*Portulaca oleracea*-L.

Caryophyllaceae (PINK)

- 1-*Cerastium brachypodium*-(Engelm) Robin.
- 2-*Cerastium nutans*-Raf.

Ranunculaceae (BUTTERCUP)

- 1-*Delphinium scaposum*-Greene.
- 2-*Clematis ligusticifolia*-Nutt.

Berberidiaceae (BARBERY)

- 1-*Berberis repens*-Lindl.
- 2-*Berberis fremontii*-Torr.

Papaveraceae (POPPY)

- 1-*Argemone platyceras*-Lindl.
- 2-*Corradalis aurea*-Willd.

Cruciferae (MUSTARD)

- 1-*Stanleya pinnata*-(Pursh) Britt.
- 2-*Thelypodium lilacinum*-Greene.
- 3-*Streptanthus linearifolius*-(Gray) Rydb.
- 4-*Streptanthus longifolius*-(Benth) Schulz.
- 5-*Streptanthus longirostris*-(Wats) Rydb.
- 6-*Streptanthus corodatus*-Nutt.
- 7-*Lepidium montanum*-Nutt.
- 8-*Lepidium lasiocarpum*-Nutt.
- 9-*Lepidium densiflorum*-Schrader.
- 10-*Sisymbrium linifolium*-Nutt.
- 11-*Radiola sinuata*-Greene.
- 13-*Dithyrea wislizeni*-Engelm.
- 13-*Lesquerella fendleri*-(Gray) Wats.
- 14-*Lesquerella rectipes*-Woot. & Standl.
- 15-*Draba reptans*-(Lam) Fernald.
- 16-*Thysanocarpus laciniatus*-Nutt.
- 17-*Arabidopsis perennans*-S.Wats.
- 18-*Erysimum capitatum*-(Doug.) Greene.

Capparidaceae (CAPTAN)

- 1-*Cleome serrulata*-Pursh.
- 2-*Cleome lutea*-Hook.
- 3-*Wislizenia refracta*-Engelm.
- 4-*Polanisia trachysperma*-T. & G.

Saxifragaceae (SAXIFRAGE)

- 1-*Lithophragma tonella*-Nutt.
- 2-*Fendlera rupicola*-Gray.
- 3-*Ribes aureum*-Pursh.
- 4-*Ribes inebrians*-Lindl.
- 5-*Ribes cereum*-Doug.

Rosaceae (ROSE)

- 1-*Amelanchier utahensis*-Koech.
- 2-*Amelanchier oreophila*-A.Nels.
- 3-*Fallugia pafadoxa*-(Don) Engl.
- 4-*Cowania stansburiana*-Torr.
- 5-*Cercocarpus breviflorus*-Gray.
- 6-*Cercocarpus montanus*-Raf.
- 7-*Rosa fendleri*-Crepin.
- 8-*Prunus virens*-Shreve.
- 9-*Prunus virginiana*-L.

Leguminosae (PEA)

- 1-*Desmanthus cooleyii*-(Eat) Trel.
- 2-*Lupinus brevicaulis*-S.Wats.
- 3-*Lupinus kingii*-S.Wats.
- 4-*Lupinus pucillus*-Pursh.

Melilotus alba-Desr.

- 7-*Melilotus officinale*-(L) Lam.
- 7-*Psoralea tenuiflora*-Pursh.
- 8-*Astragalus coltoni*-W.E. Jones
- 9-*Astragalus confertiflorus*-Gray.
- 10-*Astragalus vespertinus*-Sheldon.
- 11-*Astragalus curtisii*-Tids.
- 12-*Astragalus newberryi*-Gray.
- 13-*Astragalus sonora*-Gray.
- 14-*Astragalus gilensis*-Greene.
- 15-*Astragalus greenii*-Gray.
- 16-*Astragalus ceranicus*-Sheld.
- 17-*Astragalus subcinerus*-Gray.
- 18-*Astragalus praelongus*-Sheld.
- 18-*Astragalus scaposus*-Gray.
- 20-*Astragalus thompsonae*-S.Wats.
- 21-*Astragalus nuttallianus*-DC.
- 22-*Oxytropis lambertii*-Pursh.
- 23-*Vicia americana*-Muhl.
- 24-*Vicia exigua*-Nutt.
- 25-*Lathyrus eucomus*-But. & St. John.
- 26-*Phaseolus wrightii*-Gray.

Geraniaceae (GERANIUM)

- 1-*Geranium atropurpureum*-Hel.
- 2-*Erodium cicutarium*-(L) L'Her.

Linaceae (LINUM) (FLAX)

- 1-*Linum lewisii*-Pursh.
- 2-*Linum puberulum*-(Engelm) Hel.

Zygophyllaceae (CALTHROP)

- 1-*Tribulus terrestris*-L.

Polygalaceae (MILKWORT)

- 1-*Polygala subspinoso*-S.Wats.
- 2-*Polygala alba*-Nutt.

Euphorbiaceae (SPURGE)

- 1-*Croton texensis*-(Klotz) Muell.
- 2-*Tragia nepetaefolia*-Cav.
- 3-*Euphorbia lurida*-Engelm.
- 4-*Euphorbia parryi*-Engelm.

Anacardiaceae (CASHW)

- 1-*Rhus radicans*-L
- 2-*Rus trilobata*-Nutt.

Vitaceae (VINE)

- 1-*Parthenocissus vitacea*-(Kner) Hitch.

Malvaceae (MALLOW)

- 1-*Sphaeralcea fendleri*-Gray.
- 2-*Sphaeralcea subhastata*-Coul.
- 3-*Sphaeralcea parvifolia*-A.Nels.
- 4-*Sphaeralcea leptophylla*-(Gray) Rydb.
- 5-*Sphaeralcea coccinea*-(Pursh) Rydb.
- 6-*Malva parviflora*-L.

Tamaricaceae (TAMARIX)

- 1-*Tamarix gallica*-L.

Loasaceae (LOAS)

- 1-*Mentzelia albicaulis*-Dougl.
- 2-*Mentzelia pumila*-(Nutt) T & G.

Cactaceae (CACTUS)

- 1-*Echinocereus coccineus*-Engelm. - Hedgehog
- 2-*Echinocereus fendleri* (Engelm) Rump. Hedgehog
- 3-*Mammillaria arizonica*-Engelm. Fishhook
- 4-*Opuntia fragilis*-(Nutt) Haw. cholla
- 5-*Opuntia polycantha*-Haw. plant prickly pear
- 6-*Opuntia engelmannii*-Salm-Dyck. - prickly pear
- 7-*Opuntia phaeoantha*-Engelm. Brown spined prickly pear

Onagraceae (EVENING HERB ROSE)

- 1-*Oenothera albicaulis*-Pursh.
- 2-*Oenothera caespitosa*-Nutt.
- 3-*Oenothera scapoidea*-Nutt.
- 4-*Gaura gracilis*-Woot. & Standl.
- 5-*Gaura coccinea*-Nutt.

Umbelliferae (PARSLEY)

- 1-*Cymopterus bulbosus*-A.Nels.
- 2-*Pseudocymopterus montanus*-(Gray) Coul.

Oleaceae (OLIVE)

- 1-*Fraxinus anomala*-Torr.
- 2-*Forestiera neomexicana*-Gray.

Asclepiadaceae (MILKWEED)

- 1-*Asclepias galioides*-H.B.K.
- 2-*Asclepias speciosa*-Torr.

Convolvulaceae (MORNING GLORY)

- 1-*Cuscuta campestris*-Yunc.
- 2-*Evolvulus pilosus*-Nutt.
- 3-*Convolvulus arvensis*-L.

Polemoniaceae (PHLOX)

- 1-*Phlox austromontana*-Cov.
- 2-*Phlox stanburyi*-(Tor) Hel.
- 3-*Gilia rigidula*-Benth.
- 4-*Gilia nuttallii*-Gray.
- 5-*Gilia subnuda*-T.&G.
- 6-*Gilia aggregata*-(Pursh) Spreng.
- 7-*Gilia pumila*-Nutt.
- 8-*Gilia longiflora*-(Forr) Don.

Hydrophyllaceae (WATERLEAF)

- 1-*Phacelia heterophylla*-Dougl.
- 2-*Phacelia integrifolia*-Torr.
- 3-*Phacelia corrugata*-A.Nels.
- 4-*Phacelia crenulata*-Torr.

Boraginaceae (BORAGE)

- 1-*Echinospermum convolvulaceum*-(Nutt) Gray.
- 2-*Lappula texana*-(Scheele) Britt.
- 3-*Mertensia fusiformis*-
- 4-*Cryptantha fulvocanescens*-(Gray) Payson.
- 5-*Cryptantha flava*-(Nels) Payson.
- 6-*Cryptantha fendleri*-(Gray) Greene.
- 7-*Lithospermum incisum*-Lehm.

Verbenaceae (VERBENA)

- 1-*Verbena wrightii*-Gray
- 2-*Verbena bracteata*-Lag.

Labiata (MINT)

- 1-*Marrubium vulgare*-L.
- 2-*Salvia reflexa*-Worn.
- 3-*Mentha arvensis*-L.

Solanaceae (NIGHTSHADE)

- 1-*Lycium andersonii*-Gray.
- 2-*Chamaesaracha coronopus*-(Dong) Gray.
- 3-*Physalis fendleri*-Gray.
- 3-*Solanum rostratum*-Doug.
- 5-*Solanum elaeagnifolium*-Cav.
- 7-*Solanum triflorum*-Nutt.
- 8-*Datura meteloides*-DC.
- 9-*Nicotiana attenuata*-Torr.

Scrophulariaceae (FIGWORT)

- 1-*Verbascum thapsus*-L.
- 2-*Pentstemon jamesii*-Benth.
- 3-*Pentstemon angustifolius*-Nutt.
- 4-*Pentstemon linarioides*-Gray.
- 5-*Pentstemon barbatus*-(Cav) Roth.
- 6-*Memulus gutatus*-DC
- 7-*Veronica angustifolia*-aquatica-L.
- 8-*Castilleja linariaefolia*-Benth.
- 9-*Castilleja integra*-Gray.
- 10-*Castilleja chromosa*-A.Nels.
- 11-*Castilleja confusa*-Greene.
- 12-*Cordylanthus wrightii*-Gray.
- 13-*Orthocarpus purpureo-albus*-Gra .
- 14-*Pedicularis centranthera*-Gray.

Bignoniaceae (BIGONIA)

- 1-*Chilopsis linearis*-(Cav) Sweet.

Orobanchaceae (BROOMRAPE)

- 1-*Conopocis mexicana*-Gray.
- 2-*Orobancha ludoviciana*-Nutt.

Plantaginaceae (PLANTAIN)

- 1-*Plantago purshii*-Roem.

Rubiaceae (MADEIRA)

- 1-*Houstonia wrightii*-Gray.

Caprifoliaceae (HONEYSUCKLE)

- 1-*Symphoricarpos rotundifolia*-Gray.

Compositae (COMPOSITE)

- 1-*Zanthocephalum wrightii*-Gray.
- 2-*Gutierrezia sarothra*-(Pursh) Brit.
- 3-*Chrysopsis villosa*-(Pursh)Nutt.
- 4-*Aplopappus gracilis*-(Nutt) Gray.
- 5-*Chrysothamnus vicidiflorus*-(Hook) Nutt.
- 6-*Chrysothamnus nauseosus*-(Pall) Brit.
- 7-*Townsendia exscapa*-(Rich) Pott.
- 8-*Aster hirtifolius*-Blake
- 9-*Aster arenosus*-(Hel) Blake.
- 10-*Aster canescens*-Pursh.
- 11-*Erigeron concinnus*-'Hook & Arn) T. & G.
- 12-*Erigeron flagellaris*-Gray.
- 13-*Erigeron divergens*-T. & G.
- 14-*Franseria acanthicarpa*-(Hook) Cov.
- 15-*Xanthium saharatum*-Wallr.
- 16-*Lepachys columnaris*-T. & G.
- 17-*Helianthus nuttallii*-T. & G.
- 18-*Helianthus petiolaris*-Nutt.
- 19-*Helianthus annua*-L.
- 20-*Thelesperma Mogapotamicum*-(Spreng) Kuntz.
- 21-*Hymenopappus lugens*-Greene.
- 22-*Actinia acaulis*-(Pursh) Spreng.
- 23-*Actinia leptoclada*-(Gray) Kuntz.
- 24-*Gaillardia pinnatifida*-Torr.
- 25-*Achillea lanulosa*-Nutt.
- 26-*Artemisia filifolia*-Torr.
- 27-*Artemisia tridentata*-Nutt.
- 28-*Artemisia nova*-A.Nels
- 29-*Senecio longilobus*-Benth.
- 30-*Senecio neomexicana*-Gray.
- 31-*Stephanomeria exigua*-Nutt.
- 32-*Taraxacum officinale*-L.
- 33-*Sonchus asper*-(L) Hill.

The above listed Tamaricaceae (TAMARIX) is not I believe, a native tree but introduced in the late 1800's from the Mediterranean area. I hope this listing may be of some help to you in your work concerning this area.

Sincerely,

Irving D. Townsend