

Fool's Flora

Plants Recommended for Restriction
in the Low Deserts of Arizona



Foreword

There is a large variety of flora which is native and introduced to the low deserts of Arizona (USDA Hardiness Zones 9A/B) which are cultivated, yet are counterproductive or otherwise produce undesirable characteristics. Over the years of our experience, we have come to find that many of the common landscape troubles and risks are either not brought up, discussed, or known at all by landscapers or nursery salespersons. We have identified five common concerns: invasive potential, sharp materials, poisonous materials, allergenic materials, and vector potential for diseases & pests.

This compilation was assembled with the intention of conveying horticultural concerns to residents and owners alike, regardless of profession or education. All information and imagery was compiled explicitly for educational purposes only. This does not encompass all of the invasive or counterproductive flora in our region, but a step in that direction.

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Fool's Flora - Plants Recommended for Restriction in the Low Deserts of Arizona

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White Thorn Acacia

Acacia constricta

Other Names: Whitethorn Vachellia, Mescat Wattle,
Vachellia constricta

Origin: Deserts of SW USA & almost half of Mexico

Invasive: High potential, many small seeds easily germinate

Sharp: Yes, well-armed with white thorns in pairs which vary from 3mm to 2cm long

Poisonous: Multiple materials may be poisonous

Allergenic: Yes, mildly allergenic pollen

Vector: Susceptible to Desert Mistletoe, borer beetles, & Dodder infestations

Notes: Mass-produces seedlings making control difficult, moderate to high pruning needs

Invasive

Sharp

Poisonous

Allergenic

Vector



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Sweet Acacia

Acacia farnesiana

Other Names:	Sweet Vachellia, Huisache, Needle Bush, <i>Vachellia farnesiana</i> , <i>A. minuta</i> , <i>A. smallii</i>
Origin:	Indeterminate, naturalized nearly worldwide
Invasive:	High potential, many small seeds easily germinate
Sharp:	Yes, well-armed with whitish thorns in pairs, dried out black fruit pods can be sharp
Poisonous:	Generally benign
Allergenic:	Yes, mildly allergenic pollen
Vector:	Susceptible to Desert Mistletoe, borer beetles, & Dodder infestations
Notes:	Mass-produces seedlings making control difficult, moderate to high pruning needs

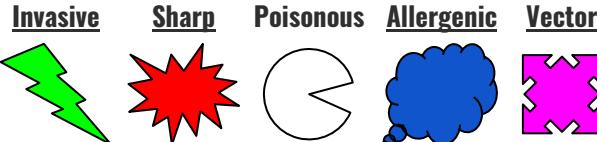


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Willow Acacia

Acacia salicina

Other Names:	Australian Willow, Weeping Acacia
Origin:	Australia
Invasive:	Moderate to high, many small seeds easily germinate, roots typically produces suckers
Sharp:	No
Poisonous:	Burned materials makes a toxic smoke, bark used by natives to poison fish to the surface
Allergenic:	Benign
Vector:	Susceptible to borer beetles, Slime Flux Disease, Ganoderma, & root rot pathogens
Notes:	Mass-produces seedlings making control difficult, moderate to high pruning needs, and pavement, moderate to high litter

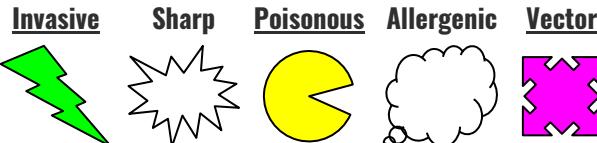


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Shoestring Acacia

Acacia stenophylla

Other Names:	Black Wattle, River Cooba, Eumong
Origin:	Australia
Invasive:	Moderate to high, many small seeds easily germinate, roots typically produces suckers
Sharp:	No
Poisonous:	Burned materials makes a toxic smoke, bark used by natives to poison fish to the surface
Allergenic:	Benign
Vector:	Susceptible to borer beetles, Slime Flux Disease, Ganoderma, & root rot pathogens
Notes:	Mass-produces seedlings making control difficult, moderate to high pruning needs, and pavement, moderate to high litter

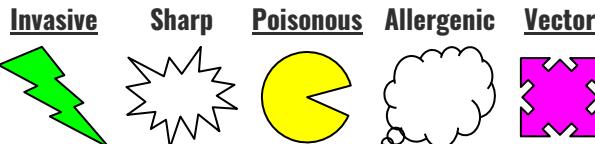


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Tree of Heaven

Ailanthus altissima

Other Names:	Tree of Hell, Varnish Tree, <i>Rhus cacodendron</i> , <i>Toxicodendron altissimum</i>
Origin:	Taiwan and Northeastern China
Invasive:	Extremely, many small seeds easily germinate, roots produce copious suckers
Sharp:	No
Poisonous:	Roots are poisonous to people and neighboring flora killing nearly everything else in competition
Allergenic:	Yes, mildly allergenic pollen
Vector:	Susceptible to sunscald & borer beetles
Notes:	Mass-produces making control difficult, very messy, flowers produce an unpleasant stink

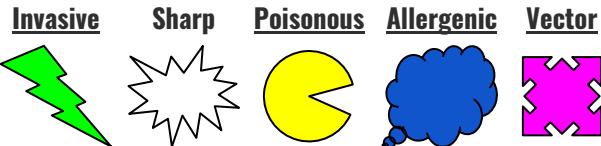


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Giant Reed *Arundo donax*

Other Names: Giant Cane, Elephant Grass, Carizzo

Origin: Mediterranean

Invasive: Highly, fruits and seeds are not very common, tho spread by rhizomes which rapidly root & outcompete native flora

Sharp: No

Poisonous: Materials contain poisonous compounds

Allergenic: Yes, moderately allergenic pollen

Vector: Benign

Notes: Mass-produces rhizomes and among the fastest-growing terrestrial plants in the world making control very difficult, chokes waterways and rapidly spreads

Invasive



Sharp



Poisonous



Allergenic



Vector

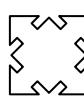


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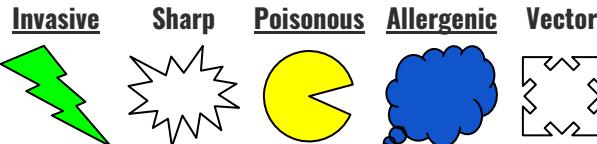
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Desert Broom

Baccharis sarothroides

Other Names:	Rosinbush, Escoba Amarga, Romerillo
Origin:	Sonoran Desert of Mexico & Southwest USA
Invasive:	Highly, many tiny seeds easily germinate
Sharp:	No
Poisonous:	Unknown, use caution as some Baccharis species produce toxic compounds
Allergenic:	Yes, severely allergenic pollen
Vector:	Benign
Notes:	Mass-produces seedlings making control difficult, removal is difficult for established seedlings, a significant local allergen, Paper Wasps tend to seek their flowers in the Fall



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Bottle Tree

Brachychiton populneus

Other Names: Australian Bottle Tree, Kurrajong

Origin: Australia

Invasive: Low potential, seeds germinate with little trouble

Sharp: Dried out black fruit pods can be sharp

Poisonous: Benign

Allergenic: Benign

Vector: Highly susceptible to Texas Root Rot

Notes: Very messy, materials decay very slowly and are likely to accumulate, transplants prone to wind throw due to root deformation in nursery containers



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Asian Mustard *Brassica tournefortii*

Other Names: Sahara Mustard, African Mustard

Origin: Africa, Middle East, Europe, and Asia

Invasive: Highly, many tiny seeds easily germinate

Sharp: Stiff trichomes on mature leaves make it painful to handle barehanded

Poisonous: Benign

Allergenic: Yes, mildly allergenic pollen

Vector: Dead specimens pose a wildfire hazard, prone to Aphids and Cabbage Loopers

Notes: An Annual plant mass-producing seedlings makes control of this notorious wildfire hazard very important, may break off at base to roll and spread seed like tumbleweeds

Invasive



Sharp



Poisonous



Allergenic



Vector



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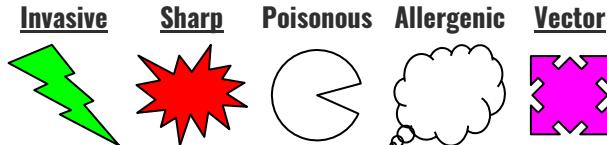
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Brome Grass *Bromus spp*

Other Names:	Red Brome, Foxtail Brome, <i>Bromus rubens</i> , <i>B. madritensis</i> subsp. <i>rubens</i>
Origin:	Southern and western Europe
Invasive:	Highly, many tiny seeds easily germinate
Sharp:	Yes, barbed spikelets may penetrate skin and are notorious for harming the gums of cattle
Poisonous:	Unknown
Allergenic:	Unknown
Vector:	Dead specimens pose a wildfire hazard
Notes:	An Annual plant mass-producing seedlings makes control of this notorious wildfire hazard very important



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Cypress Family *Cupressaceae*

Including: True Cypress (*Cupressus*), Juniper (*Juniperus*), False Cypress (*Chamaecyparis*), Bald Cypress (*Taxodium*), Arborvitae (*Thuja* & *Platycladus*)

Origin: Varies

Invasive: Generally no

Sharp: Generally no

Poisonous: Generally benign

Allergenic: Yes, moderate to severely allergenic pollen

Vector: Prone to Spidermites

Notes: True Cypress and Junipers are generally the most severe allergens of the Family, pollen of Italian Cypress linked to lung infections

Invasive



Sharp



Poisonous



Allergenic



Vector



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Dodder Species *Cuscuta spp*

Other Names:	Witch's Hair, Hellbine, and many other names
Origin:	Sonoran Desert of Mexico & Southwest USA
Invasive:	Moderately, many tiny seeds easily germinate
Sharp:	No
Poisonous:	Potentially, poisonous and toxic compounds may be absorbed from their hosts
Allergenic:	Unknown
Vector:	Parasitic plant transmits communicable plant diseases between any of those they infest
Notes:	Mass-produces seedlings making control difficult, infests various crop and ornamental flora especially those which are locally and regionally native

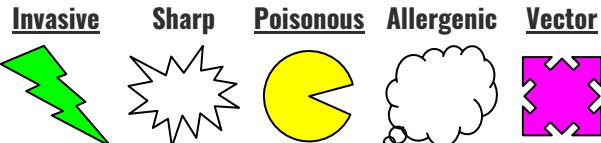


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Sago Palm *Cycas revoluta*

Other Names:	Funeral Palm, Sago Cycad, Japanese Sago
Origin:	Southern Japan and Ryukyu Islands
Invasive:	Low potential, many seeds may germinate, typically produces multiple branches
Sharp:	Yes, produces curved thorns near the trunk, leaves are very stiff and may break skin
Poisonous:	All parts are both deadly poisonous and carcinogenic
Allergenic:	Unknown
Vector:	Susceptible to an incurable, viral infection
Notes:	Very slow growth, females produce a fluffy material around seeds which may be accidentally ingested or inhaled

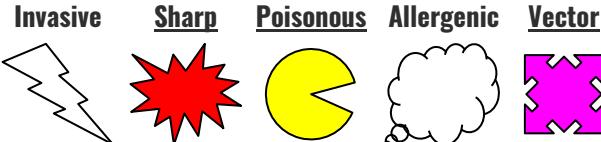


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Nutgrass Species *Cyperus spp*

Other Names: Nutsedge, Pignut, Yellow Nutgrass, Purple Nutgrass, *C. rotundus*, *C. esculentus*

Origin: Africa & Eurasia

Invasive: Extremely, copious tiny seeds easily germinate, produces many rhizomes, also produces underground tubers which sprout multiple new plants

Sharp: No

Poisonous: Benign

Allergenic: Yes, mildly allergenic pollen

Vector: Susceptible to crop-related pathogens

Notes: Extremely difficult to control, labeled "the world's worst weed"

Invasive



Sharp



Poisonous



Allergenic



Vector



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Indian Rosewood

Dalbergia sissoo

Other Names: Sissoo Tree, North Indian Rosewood, Shisham

Origin: Himalayan foothills

Invasive: High potential, many small seeds easily germinate, roots typically produce suckers

Sharp: No

Poisonous: Unknown

Allergenic: Raw wood can cause contact dermatitis

Vector: Susceptible to Ganoderma & other Heart Rot Fungi, prone to Whitefly attacks

Notes: Mass-produces seedlings making control difficult, moderate to high pruning needs, aggressive root system damages foundations and pavement, moderate to high litter

Invasive



Sharp



Poisonous



Allergenic



Vector



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Russian Olive

Elaeagnus angustifolia

Other Names: Persian Olive, Silver Berry

Origin: Western and central Asia & Southern Russia

Invasive: Highly, many small seeds easily & rapidly germinate and outcompete native flora

Sharp: Yes, notoriously thorny

Poisonous: Benign

Allergenic: Yes, mildly allergenic pollen

Vector: Susceptible to Verticillium Wilt

Notes: Mass-produces by seed and rapid root growth which generates rapid shoot growth even in very poor soils

Invasive



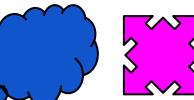
Sharp



Poisonous



Allergenic



Vector



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River Red Gum

Eucalyptus camaldulensis

Other Names: Murray Red Gum

Origin: Australia

Invasive: Moderate potential, many small seeds may rapidly germinate and outcompete native flora

Sharp: No

Poisonous: Relatively benign

Allergenic: Yes, mildly allergenic pollen

Vector: Susceptible to root rot pathogens

Notes: High risk, limbs and branches of great mass pose a significant hazard to anything beneath it as they are prone to sloughing off without notice and may crush anything beneath them

Invasive



Sharp



Poisonous



Allergenic



Vector

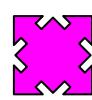


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Russian Thistle

Kali tragus

Other Names: Salsola, Tumbleweed, *Salsola kali*, *S. tragus*

Origin: Eurasia

Invasive: Extremely, copious tiny seeds easily & rapidly germinate and outcompete native flora

Sharp: Multiple small, but stiff spines

Poisonous: Benign by itself, but can accumulate dangerous levels of toxins from tainted soils harmful to livestock

Allergenic: Yes, severely allergenic pollen

Vector: Host and staging point for many insect vectors which spread many crop diseases

Notes: Mass-produces seedlings making control extremely difficult, significant wildfire hazard

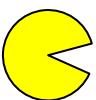
Invasive



Sharp



Poisonous



Allergenic



Vector



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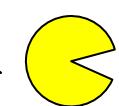
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White Leadtree

Leucaena leucocephala

Other Names: Many common names in multiple languages
Origin: Southern Mexico & Northern Central America
Invasive: Extremely, copious small seeds easily germinate and rapidly grow
Sharp: No
Poisonous: Contain mimosine which can be harmful to cattle and horses
Allergenic: Yes, mildly allergenic pollen
Vector: Ganoderma heart rot
Notes: Mass-produces seedlings making control difficult, highly susceptible to weak wood if over-irrigated, moderate to high pruning needs, high to very high litter

Invasive **Sharp** **Poisonous**



Allergenic **Vector**



Vector



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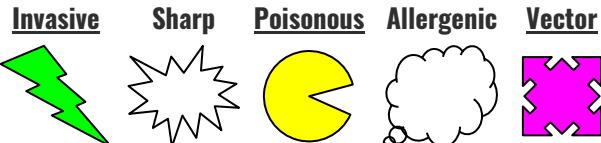
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Cheeseweed

Malva parviflora

Other Names:	Smallflower Mallow, Littleflower Mallow, Little Mallow, Egyptian Mallow
Origin:	Europe, Northern Africa, Asia
Invasive:	Highly, many tiny seeds easily germinate, fast growing annual to about 5 feet tall
Sharp:	No
Poisonous:	Benign by itself, but can easily accumulate dangerous levels of toxins from tainted soils
Allergenic:	Benign
Vector:	Watermelon Mosaic Virus strain 2 and Cotton Leaf Crumple Virus
Notes:	Mass-produces seedlings making control difficult, can quickly outcompete native flora,



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Chinaberry *Melia azedarach*

Other Names:	White Cedar, Cape Lilac, Tulip Cedar, Karabil, Bead Tree, Persian Lilac, Rosary Tree
Origin:	India, SE Asia, Australasian islands
Invasive:	Moderately, as seeds germinate easily
Sharp:	No
Poisonous:	All materials are extremely poisonous, deadly fruits, burned materials makes a toxic smoke
Allergenic:	Yes, pollen demonstrated in Argentina to cause allergic respiratory disease, flowers bloom in Spring
Vector:	Susceptible to multiple rot pathogens
Notes:	Mass-produces seedlings making control difficult, also produces root suckers

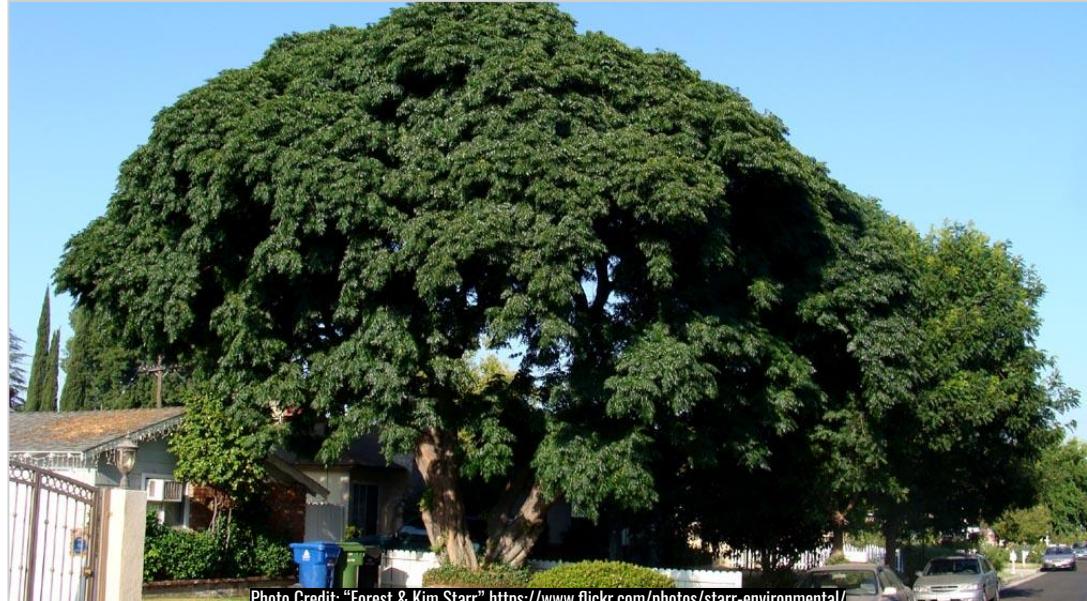
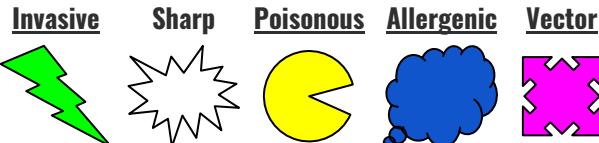


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Oleander

Nerium oleander

Other Names:	Oleander Tree (tree-trained cultivars)
Origin:	Warmer regions of Eurasia and North Africa
Invasive:	Low potential, produces many small seeds carried by the wind which may still germinate
Sharp:	No
Poisonous:	All materials are notoriously deadly poisonous to consume, burned materials makes a deadly toxic smoke
Allergenic:	Sap can cause contact dermatitis
Vector:	Susceptible to Oleander Leaf Scorch, Yellow Aphids (disease vectors), and Oleander Gall
Notes:	Mass-produces seeds if flowers are not removed before fruits are produced

Invasive **Sharp** **Poisonous** **Allergenic** **Vector**



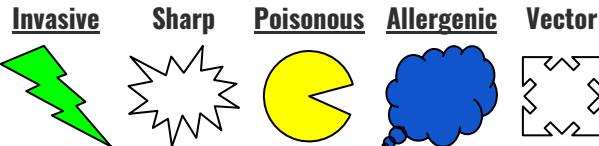
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Stinknet

Oncosiphon piluliferum

Other Names:	Globe Chamomile, <i>Matricaria globifera</i>
Origin:	South Africa & Lesotho
Invasive:	Extremely, copious tiny seeds easily & rapidly germinate and outcompete native flora
Sharp:	No
Poisonous:	Burned materials make a caustic smoke
Allergenic:	Yes, mildly allergenic pollen can also cause contact dermatitis
Vector:	Benign
Notes:	Mass-produces seedlings making control extremely difficult, resistant to herbicides, significant wildfire hazard



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Mexican Palo Verde *Parkinsonia aculeata*

Other Names:	Jerusalem Thorn, <i>Cercidium aculeatum</i>
Origin:	Mexico
Invasive:	Highly, many seeds easily germinate
Sharp:	Yes, small, many sharp thorns at nodes
Poisonous:	Benign
Allergenic:	Yes, mildly allergenic pollen
Vector:	Susceptible to Mistletoe, prone to multiple borer beetles, esp. Palo Verde Borer Beetles
Notes:	Hybridizes readily with other Palo Verde species, mass-produces seedlings making control difficult, highly susceptible to weak wood if over-irrigated, moderate to high pruning needs, high to very high litter

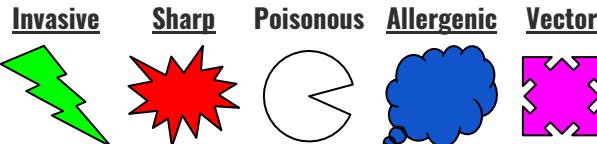


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Blue Palo Verde *Parkinsonia florida*

Other Names: *Cercidium floridum*

Origin: Arizona & Mexico

Invasive: Highly, many seeds easily germinate
Sharp: Yes, small, sharp thorns at nodes

Poisonous: Benign

Allergenic: Yes, mildly allergenic pollen

Vector: Susceptible to Mistletoe, prone to multiple borer beetles, esp. Palo Verde Borer Beetles

Notes: Hybridizes readily with other Palo Verde species, mass-produces seedlings making control difficult, highly susceptible to weak wood if over-irrigated, moderate to high pruning needs, not for novice tree care

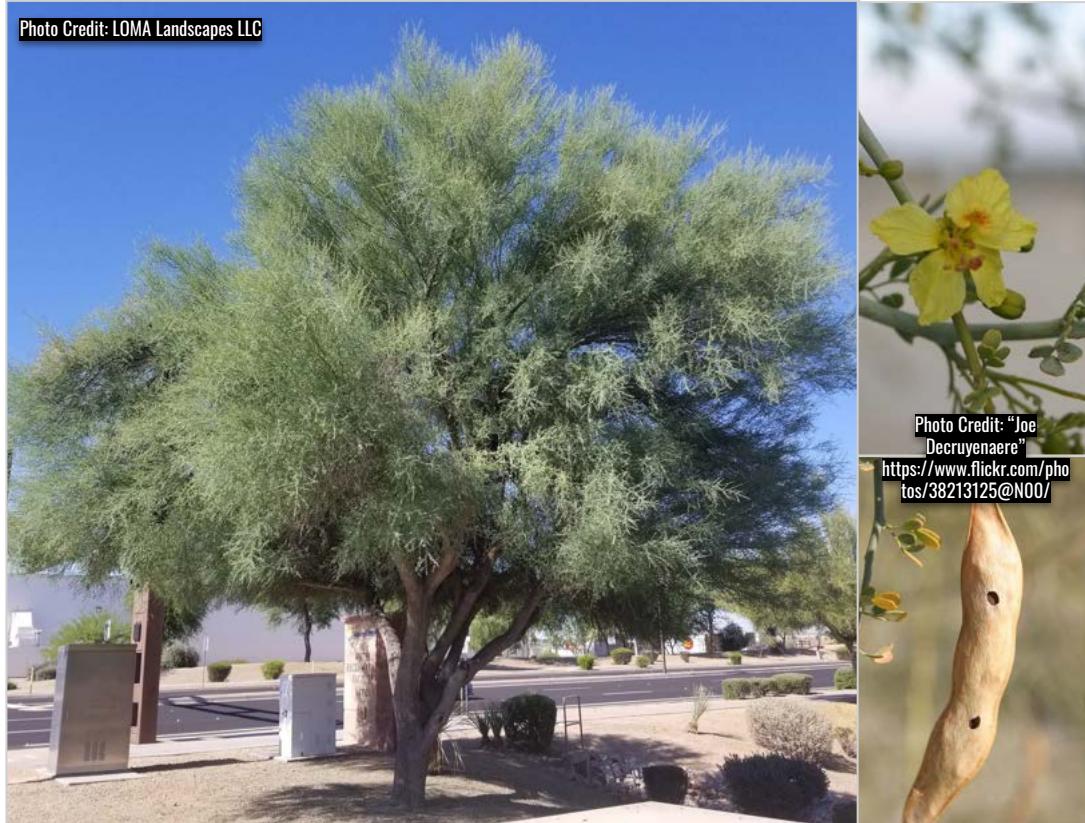
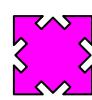
Invasive

Sharp

Poisonous

Allergenic

Vector



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Palo Brea

Parkinsonia praecox

Other Names:	Sonoran Palo Verde, <i>Cercidium praecox</i>
Origin:	Mexico thru Central and South America
Invasive:	Highly, many seeds easily germinate
Sharp:	Yes, small, sharp thorns at nodes
Poisonous:	Benign
Allergenic:	Yes, mildly allergenic pollen
Vector:	Susceptible to Mistletoe, prone to multiple borer beetles, esp. Palo Verde Borer Beetles
Notes:	Hybridizes readily with other Palo Verde species, mass-produces seedlings making control difficult, highly susceptible to weak wood if over-irrigated, moderate to high pruning needs, not for novice tree care

Invasive



Sharp



Poisonous



Allergenic



Vector

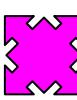


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Buffelgrass

Pennisetum ciliare

Other Names: African Foxtail Grass, *Cenchrus ciliaris*,
Pennisetum cenchroides

Origin: Mediterranean region, Africa, Asia

Invasive: Highly, many tiny seeds easily germinate, aggressive roots hard to kill, produces toxins which inhibit growth of nearby plants

Sharp: No

Poisonous: Benign

Allergenic: Unknown

Vector: Potential vector for Spittlebugs, thatch poses a serious wildfire hazard

Notes: Mass-produces seedlings making control difficult, explosive spread in the wild desert

Invasive

Sharp

Poisonous

Allergenic

Vector

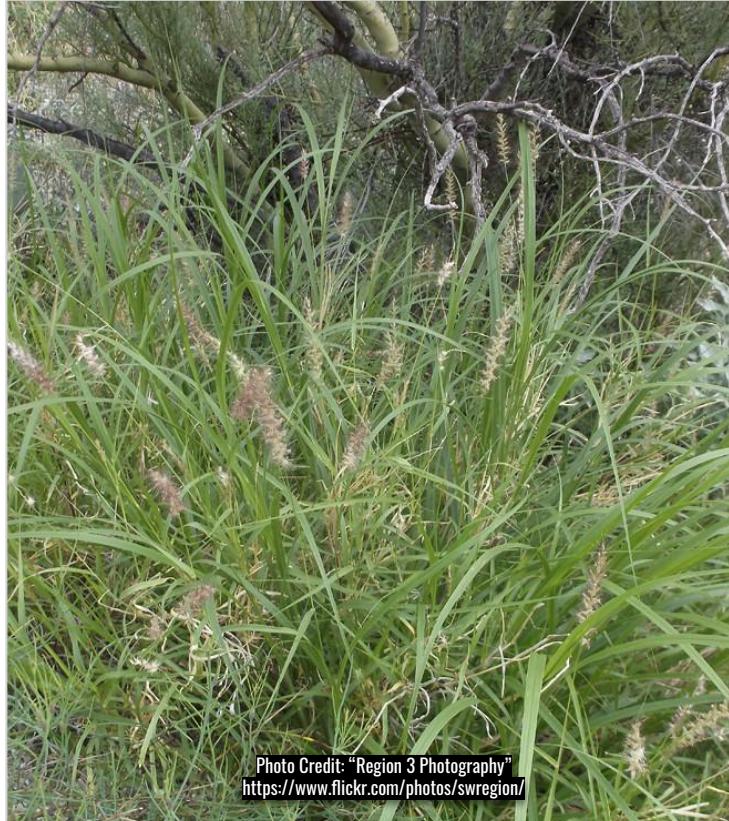


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Fountain Grass *Pennisetum setaceum*

Other Names: Green Fountain Grass, *P. macrostachynum*

Origin: Africa and the Middle East

Invasive: Highly, copious tiny seeds easily germinate, especially where desirable plants are irrigated

Sharp: No

Poisonous: No, but very poor quality forage

Allergenic: Yes, mildly allergenic pollen

Vector: Benign

Notes: Mass-produces seedlings making control difficult, deep root system makes removal difficult, potential fire hazard, purple cultivar alleged to be controllable tho still hybridizes

Invasive



Sharp



Poisonous



Allergenic



Vector



Fool's Flora - Plants Recommended for Restriction in the Low Deserts of Arizona

Aleppo Pine *Pinus halepensis*

Other Names: Turkish Pine, *Pinus halepensis* ssp. *brutia*

Origin: Coastal Mediterranean

Invasive: May reseed periodically but not invasively

Sharp: No, though cones & needles may be somewhat sharp to bare feet

Poisonous: Benign

Allergenic: Relatively benign

Vector: Susceptible to Aphids and Spider Mites, Armillaria, Phytophthora, Ganoderma, and Pitch Canker, weak against termites

Notes: Massive size, limbs and branches of great mass may pose a crushing risk below, moderate but deep water needs, high litter

Invasive



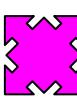
Sharp



Poisonous



Allergenic



Vector

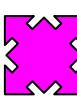


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Arizona Cottonwood *Populus fremontii*

Other Names: Fremont's Cottonwood, Western Poplar, Western Cottonwood

Origin: Southwestern USA, parts of Mexico

Invasive: Moderately, many tiny seeds easily germinate

Sharp: No

Poisonous: Benign

Allergenic: Yes, moderately allergenic pollen

Vector: Susceptible to Texas Root Rot, Bacterial Wet Wood, Ganoderma & other Heart Rot Fungi, Mistletoe, Aphids, Plant Lice

Notes: Mass-produces seedlings making control difficult, high pruning needs, aggressive root system damages foundations and pavement

Invasive



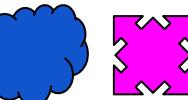
Sharp



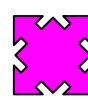
Poisonous



Allergenic



Vector



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Mesquite Species *Prosopis spp.*

Other Names:	Velvet Mesquite (<i>P. velutina</i>), Chilean Mesquite (<i>P. chilensis</i>), etc
Origin:	North, Central, & South Americas
Invasive:	High potential, many seeds easily germinate
Sharp:	Yes, sharp thorns at nodes usually in pairs
Poisonous:	Benign
Allergenic:	Yes, moderately allergenic pollen
Vector:	Susceptible to Mistletoe, multiple borer beetles, Ganoderma, Slime Flux, & root rots
Notes:	Mass-produces seedlings making control difficult, moderate to high pruning needs, aggressive root system damages foundations and pavement, moderate to high litter

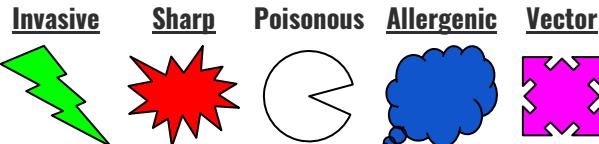


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Southern Live Oak *Quercus fusiformis*

Other Names:	Heritage Live Oak, Escarpment Oak, <i>Quercus virginiana</i> var. <i>Fusiformis</i> , <i>Q. virginiana</i>
Origin:	Southern Texas through Northeastern Mexico
Invasive:	Low, produces many small acorns which may reseed, produces copious root suckers
Sharp:	No
Poisonous:	Benign
Allergenic:	Yes, severely allergenic pollen
Vector:	Susceptible to Texas Root Rot, Ganoderma other Heart and Root Rot Fungi, Galls, & Spidermites
Notes:	Very slow growing, root system can damage foundations and pavement, moderate litter

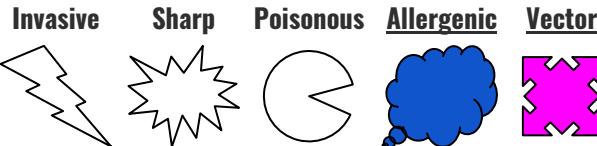


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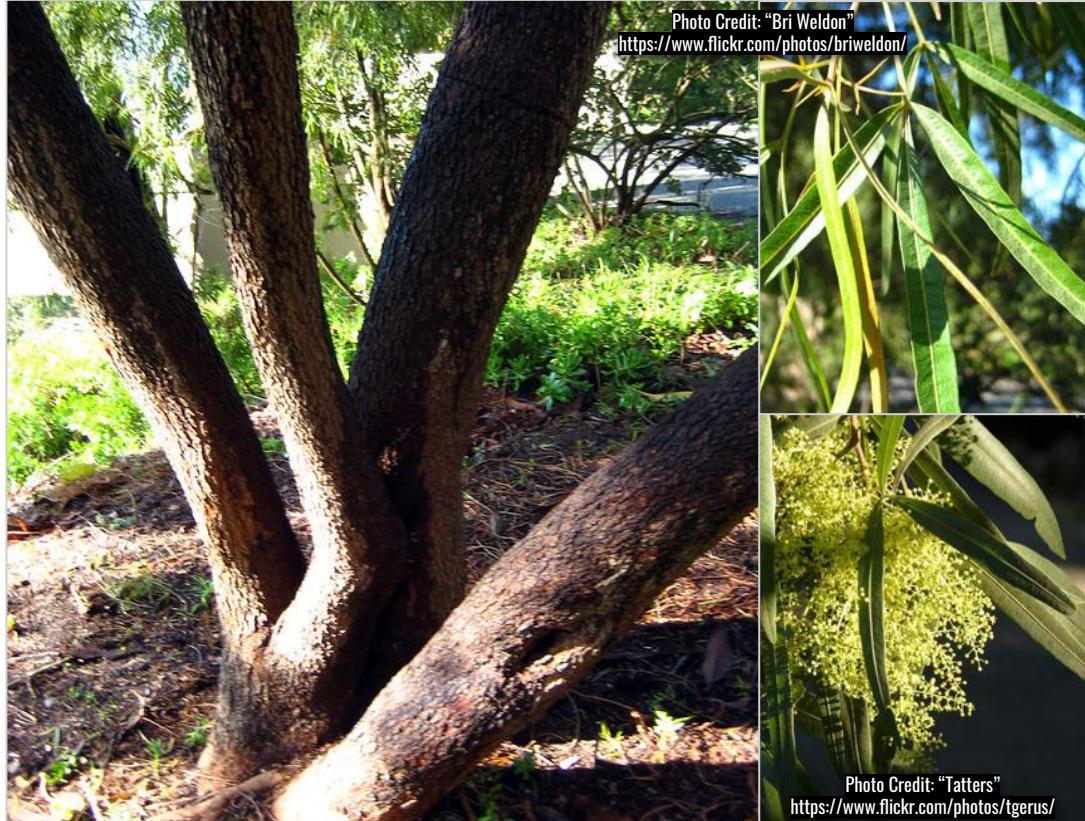
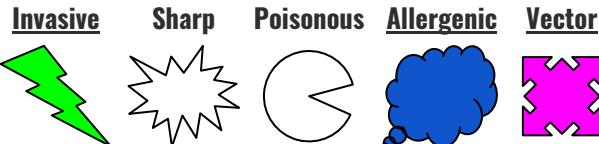


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African Sumac *Rhus lancea*

Other Names:	Willow Rhus, Black Karee, <i>Searsia lancea</i> , <i>Rhus trifoliata</i> , <i>Toxicodendron lanceum</i>
Origin:	Southern Africa
Invasive:	Extremely, copious tiny seeds germinate easily
Sharp:	No
Poisonous:	Benign
Allergenic:	Yes, mildly allergenic pollen
Vector:	Susceptible to multiple rot pathogens and prone to Aphids
Notes:	Mass-produces seedlings making control difficult, moderate to high litter



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Brazilian Pepper *Schinus terebinthifolia*

Other Names:	Christmasberry Tree, Broadleafed Pepper Tree, Rose Pepper, Aroeira, Wilelaiki
Origin:	Brazil
Invasive:	Highly, many tiny seeds easily germinate
Sharp:	No
Poisonous:	Berries mildly poisonous even to birds, sap is toxic to touch, burned materials produce an irritating and toxic smoke, produces toxins which inhibit growth of nearby plants
Allergenic:	Yes, moderately allergenic pollen
Vector:	Susceptible to multiple root rot pathogens
Notes:	Mass-produces seedlings making control difficult, moderate to high pruning needs

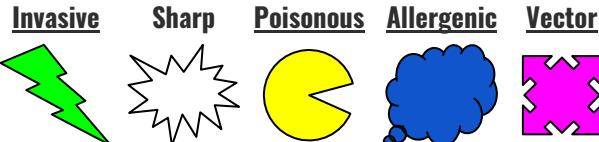


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Catclaw Acacia *Senegalia greggii*

Other Names:	Catclaw Vachellia, Wait-A-Minute Bush, Texas Mimosa, <i>Acacia greggii</i>
Origin:	Deserts of SW USA & Northern Mexico
Invasive:	High potential, many small seeds easily germinate
Sharp:	Yes, well-armed with short, curved thorns
Poisonous:	Fully ripened seeds may be poisonous
Allergenic:	Yes, mildly allergenic pollen
Vector:	Susceptible to Witches Broom, Mistletoe, sap-sucking insect pests, and Dodder infestations, & symbiotic with stinging ants
Notes:	Mass-produces seedlings making control difficult, moderate to high pruning needs

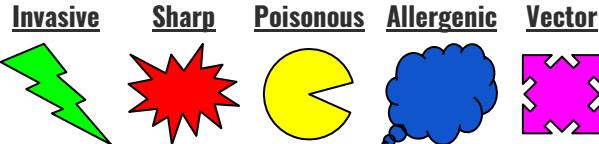


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Fool's Flora - Plants Recommended for Restriction in the Low Deserts of Arizona

Silverleaf Nightshade *Solanum elaeagnifolium*

Other Names: White Horsenettle, Satan's Bush, Bull Nettle

Origin: Southwestern USA and Mexico

Invasive: Extremely, many seeds easily germinate, reproduces and grows back from underground rhizomes (roots)

Sharp: Yes, stems are heavily armed with sharp, toxic spines

Poisonous: All materials are deadly poisonous to consume, esp. the berries

Allergenic: Benign

Vector: Tomato crop pests

Notes: Mass-produces, resistant to herbicides, dangerous to handle or consume

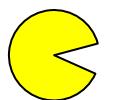
Invasive



Sharp



Poisonous



Allergenic



Vector

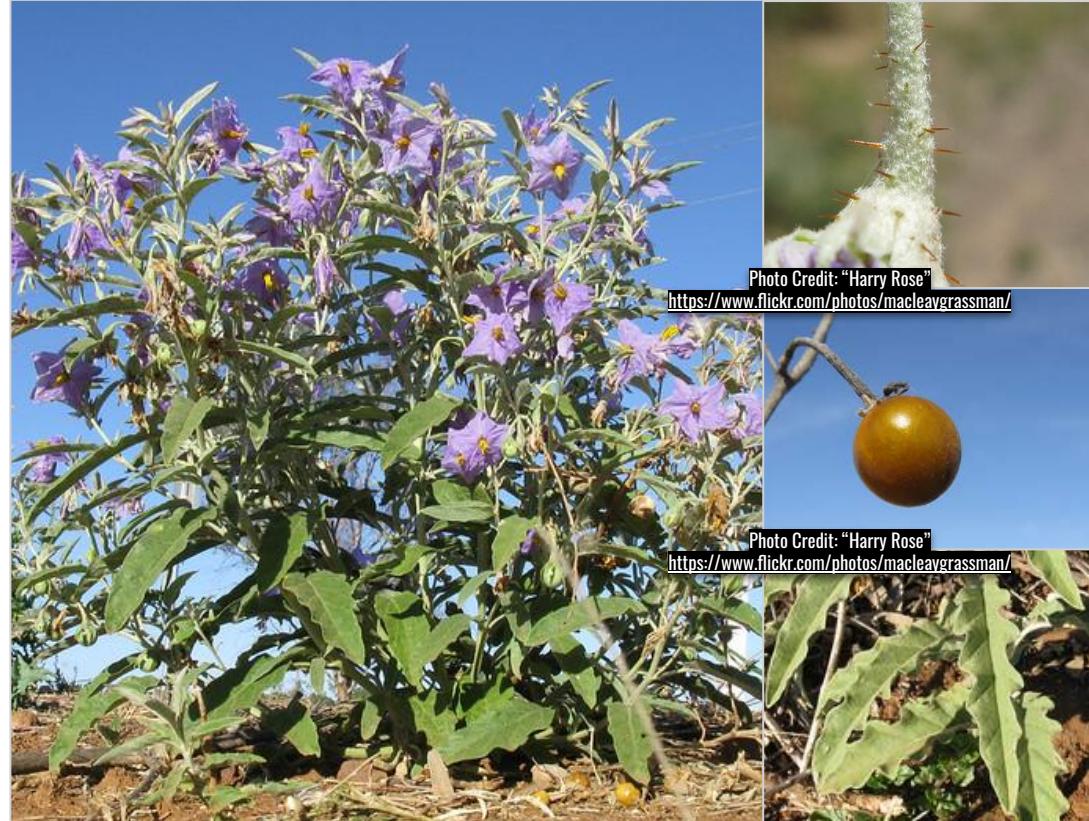


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Buffalo Bur

Solanum rostratum

Other Names: Buffalobur Nightshade, Spiny Nightshade,
Solanum cornutum

Origin: Southwest and Great Plains of the USA

Invasive: Highly, many tiny seeds easily germinate,
flourishes in poor soils with rare water

Sharp: Yes, heavily armored with sharp prickles on
leaves and stems coated in natural chemicals
which amplify the pain and duration of pain

Poisonous: All parts contain deadly poisonous chemicals

Allergenic: Unknown

Vector: Unknown

Notes: Mass-produces seedlings making control
difficult, early & careful control is imperative

Invasive

Sharp

Poisonous

Allergenic

Vector



Photo Credit: "Patrick Alexander" <https://www.flickr.com/photos/aspidoscelis/>



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Saltcedar Species *Tamarix spp*

Other Names:	Tamarisk, <i>T. chinensis</i> , <i>T. ramosissima</i>
Origin:	From Africa to Middle East, to India, to China
Invasive:	Extreme potential, many tiny seeds easily germinate, produces significant taproot, hybridizes readily with other Tamarix species
Sharp:	No
Poisonous:	Root extract and leaves exude salts onto the topsoil which kills off other flora by poisoning the soil with the salt accumulation
Allergenic:	Unknown
Vector:	Unknown
Notes:	Rapidly spreads and chokes out waterways, canals, and displaces desirable plants

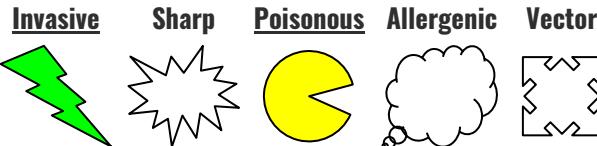


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Yellow Oleander

Thevetia peruviana

Other Names:	Lucky Nut, Goatnut, <i>Cascabela thevetia</i>
Origin:	Mexico and Central America
Invasive:	Low potential, produces many small seeds carried by the wind which may germinate
Sharp:	No
Poisonous:	All materials are deadly poisonous to consume, burned materials may produce a toxic smoke
Allergenic:	Sap can cause contact dermatitis
Vector:	Benign
Notes:	Moderate to high water requirement, high litter production, moderate pruning requirements

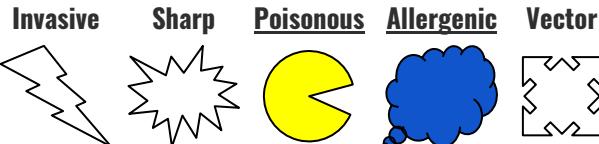


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Puncturevine *Tribulus terrestris*

Other Names: Goathead, Caltrop, Tackweed

Origin: Warm & tropical regions worldwide

Invasive: High potential, produces many tiny seeds which germinate readily

Sharp: Yes, notorious for fruits with very sharp points (burs), easily punctures bicycle tires and the gums of cattle let alone human skin

Poisonous: Yes, compounds damage kidneys and liver

Allergenic: Benign

Vector: Unknown

Notes: Mass-produces seedlings making control difficult, grows rapidly in poor soils

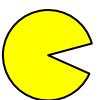
Invasive



Sharp



Poisonous



Allergenic



Vector

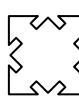


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Chinese Elm *Ulmus parvifolia*

Other Names: Lacebark Elm, Evergreen Elm

Origin: China, Eastern Asia

Invasive: Moderate, many small seeds easily germinate

Sharp: No

Poisonous: Benign

Allergenic: Yes, moderately allergenic pollen
Susceptible to Texas Root Rot

Vector: Mass-produces seedlings making control

Notes: difficult, fruits scattered with foliage while
entering Winter dormancy, this allergenic
tree is a larger problem than often perceived,
highly invasive in Prescott Valley

Invasive



Sharp



Poisonous



Allergenic



Vector



Fool's Flora - Plants Recommended for Restriction in the Low Deserts of Arizona

California Fan Palm *Washingtonia filifera*

Other Names: Desert Fan Palm, California Palm, Arizona Fan Palm, *Washingtonia filamentososa*

Origin: Arizona, California, Baja California

Invasive: Highly, many tiny seeds easily germinate

Sharp: Frond petioles are armored with sharp thorns

Poisonous: Unknown, though consumed by wildlife

Allergenic: Yes, mildly allergenic pollen

Vector: Thatch poses a wildfire hazard and is a home for scorpions, spiders, and birds

Notes: Mass-produces seedlings making control difficult if flowers are not removed in a timely fashion, birds eat the small fruits and spread seeds all over the valley

Invasive



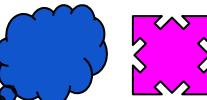
Sharp



Poisonous



Allergenic



Vector



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Mexican Fan Palm *Washingtonia robusta*

Other Names: Petticoat Palm, Skyduster Palm,
Washingtonia gracilis

Origin: Arizona, California, Northwestern Mexico

Invasive: Highly, many tiny seeds easily germinate

Sharp: Frond petioles are armored with sharp thorns

Poisonous: Unknown, though consumed by wildlife

Allergenic: Yes, mildly allergenic pollen

Vector: Thatch poses a wildfire hazard and is a home for scorpions, spiders, and birds

Notes: Mass-produces seedlings making control difficult if flowers are not removed in a timely fashion, birds eat the small fruits and spread seeds all over the valley

Invasive



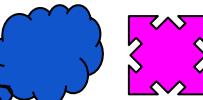
Sharp



Poisonous



Allergenic



Vector

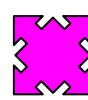


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