

Flora of the Silverbell Mountains, Pima County, Arizona; Ironwood Forest National Monument; published by John F. Wiens in The Plant Press, 15:2, Summer 1991 (updated in 2009 based on my 20+ years of fieldwork in the area and contributions from Tom Van Devender, Ana Lilia Reina G., and Mark Dimmitt from 2001-2003)

*=exotic species

[]=species found in the range, but outside the IFNM boundaries; mostly around the abandoned town of Silver Bell.

Ferns & Allies

Adiantaceae

Astrolepis cochisensis

Astrolepis sinuata

Cheilanthes pringlei

Cheilanthes lindheimeri

Cheilanthes wrightii

Cheilanthes yavapensis

Notholaena standleyi

Pellaea truncata

Selaginellaceae

Selaginella arizonica

Gymnosperms

Ephedraceae

Ephedra nevadensis

Ephedra trifurca

Angiosperms: Dicots

Acanthaceae

Anisacanthus thurberi

Carlowrightia arizonica

Justicia longii (= Siphonoglossa longiflora)

Ruellia nudiflora

Aizoaceae

Trianthema portulacastrum

Amaranthaceae

Amaranthus fimbriatus

Amaranthus palmeri

Amaranthus ×tucsonensis

Tidestromia lanuginosa

Anacardiaceae

*Rhus lancea

Apiaceae

Bowlesia incana

Daucus pusillus

Spermolepis echinata

Apocynaceae

Haplophyton crooksii (= H. cimcidium v. crooksii)

Asclepiadaceae

Cynanchum arizonicum (= Metastelma arizonica)

Matelea parviflora

Sarcostemma cynanchoides (= Funastrum cynanchoides)

Asteraceae

Acourtia wrightii

Adenophylla porophylloides (= Dyssodia porophylloides)

Ambrosia ambrosoides

Ambrosia confertiflora

Ambrosia deltoidea

Ambrosia deltoidea × Ambrosia dumosa

Ambrosia dumosa

Ambrosia salsola (= Hymenoclea salsola)

Artemesia ludoviciana

Baccharis salicifolia

Baccharis sarothroides

Baileya multiradiata

Bebbia juncea

Brickellia baccharidea

Brickellia coulteri

Calycoseris wrightii

*Centaurea melitensis

Chaenactis carphoclinia

Chaenactis stevioides

Circium neomexicana

Conyza canadensis

Encelia farinosa

Ericameria laricifolia

Erigeron divergens

Erigeron lobatus

Eriophyllum lanosum (= Antheropeas lanosum)

Gymnosperma glutinosa

Heterotheca subaxillaris
Isocoma tenuisecta
Koanophyllon solidaginifolium (=Eupatorium solidaginifolium)

*Lactuca serriola

Logfia filaginoides (=Filago californica)

Machaeranthera tagetina

Malacothrix sonorae

Monoptilon bellioides

Pectis cylindrica

Pectis papposa

Porophyllum gracile

Psilostrophe cooperi

Rafinesquia neomexicana

Senecio lemmonii

*Sochus oleraceus

Stephanomeria pauciflora

Thymophylla pentachaeta (=Dyssodia pentachaeta)

Trixis californica

Xanthisma gracilis (=Machaeranthera gracilis)

Xanthisma spinulosum v. goodingii (=Machaeranthera pinnatifida)

Xanthium strumarium

Zinnia acerosa

Boraginaceae

Amsinckia menziesii v. intermedia (=A. intermedia)

Amsinckia tessellata

Cryptantha barbigera

Cryptantha pterocarya v. cycloptera

Harpagonella palmeri v. arizonica

Lappula occidentalis (=L. redowskii)

Pectocarya platycarpa

Pectocarya recurvata

Tiquilia canescens

Brassicaceae

Arabis perennans (=Boechera perennans)

*Brassica tournefortii

Descurainia pinnata v. glabra

Draba cuneifolia v. cuneifolia

Guillenia lasiophylla (=Caulanthus lasiophyllus)

Lepidium lasiocarpum

Lepidium virginicum v. medium (=L. medium)

Lesquerella gordonii (=Physaria gordonii)

Lesquerella tenella (=Physaria tenella)

Matthiola longipetala

*Sisymbrium irio

Streptanthus carinatus ssp. arizonicus (=S. arizonicus)

Thysanocarpus curvipes v. elegans

Cactaceae

Carnegiea gigantea

Cylindropuntia acanthocarpa v. major (=Opuntia acanthocarpa)

Cylindropuntia bigelovii (=Opuntia bigelovii)

Cylindropuntia fulgida v. fulgida (=Opuntia fulgida v. fulgida)

Cylindropuntia fulgida v. mamillata (=Opuntia fulgida v. mamillata)

Cylindropuntia leptocaulis (=Opuntia leptocaulis)

Cylindropuntia leptocaulis (=Opuntia leptocaulis)

Cylindropuntia spinosior × C. versicolor

Echinocereus engelmannii v. acicularis

Echinocereus fasciculatus (=E. fendleri v. fasciculatus)

Echinocereus nicholii

Ferocactus wislizeni

Mammillaria grahamii (=M. microcarpa)

Opuntia chlorotica

Opuntia engelmannii v. englemannii (=O. phaeacantha v. discata)

*[Opuntia engelmannii v. linguiformis]

Opuntia macrocentra

Opuntia phaeacantha v. major

Peniocereus greggii

Campanulaceae

Nemacladus glanduliferus

Caprifoliaceae

[Sambucus mexicana]

Caryophyllaceae

Silene antirrhina

Chenopodiaceae

Atriplex canescens

Atriplex elegans

Chenopodium neomexicanum

*Salsola tragus

Convolvulaceae

Evolvulus alsinoides

Evolvulus alsinoides v. angustifolia

Ipomoea cristulata (=I. coccinea, in part)
*[Merremia dissecta]

Crassulaceae

Crassula connata (=Tillaea erecta)

Crossosomataceae

Crossosoma bigelovii

Cucurbitaceae

Echinopepon wrightii

Euphorbiaceae

Argythamnia lanceolata (=Ditaxis lanceolata)

Argythamnia neomexicana (=Ditaxis neomexicana)

Bernardia incana

Chamaesyce abramsiana (=Euphorbia abramsiana)

Chamaesyce arizonica (=Euphorbia arizonica)

Chamaesyce capitellata (=Euphorbia capitellata)

Chamaesyce florida (=Euphorbia florida)

Chamaesyce gracillima (=Euphorbia gracillima)

Chamaesyce hyssopifolia (=Euphorbia hyssopifolia)

Chamaesyce melanadenia (=Euphorbia melanadenia)

Chamaesyce pediculifera (=Euphorbia pediculifera)

Chamaesyce polycarpa (=Euphorbia polycarpa)

Chamaesyce setiloba (=Euphorbia setiloba)

Croton sonorae

Euphorbia eriantha

Jatropha cardiophylla

Fabaceae

Acacia constricta

Acacia greggii v. arizonica

Astragalus arizonicus

Astragalus didymocarpus

Astragalus lentiginosus v. australis

Astragalus nuttalianus v. austrinus

*[Caesalpinia gilliesii]

Calliandra eriophylla

Lotus humistratus

Lotus salsuginosus v. brevivexillus

Lotus strigosus v. tomentellus

Lupinus sparsiflorus

Marina parryi

Nissolia schottii

Olneya tesota

*Parkinsonia aculeata

Parkinsonia florida

Parkinsonia microphylla

*[Prosopis hybrid]

Prosopis velutina

Senna covesii

Fouquieriaceae

Fouquieria splendens

Geraniaceae

*Erodium cicutarium

Erodium texanum

Hydrophyllaceae

Eucrypta chrysanthemifolia v. bipinnatifida

Eucrypta micrantha

Phacelia ambigua (=P. crenulata)

Phacelia distans

Pholistoma auritum

Krameriaceae

Krameria erecta v. glandulosa (=K. parvifolia)

Krameria grayi

Lamiaceae

Hedeoma nanum ssp. macrocalyx

Hyptis emoryi (=H. albida)

Salvia columbarae

Loasaceae

Mentzelia affinis

Mentzelia multiflora

Malpighiaceae

Janusia gracilis

Malvaceae

Abutilon coahuilae (=A. malacum, in part)

Abutilon incanum

Herissantia crispa

Hibiscus coulteri

Hibiscus denudatus
Horsfordia newberryi
Sida abutilifolia (=S. filicaulis)
Sphaeralcea ambigua
Sphaeralcea coulteri
Sphaeralcea emoryi
Sphaeralcea laxa

Nyctaginaceae

Allionia incarnata v. villosa
Boerhavia coccinea
Boerhavia intermedia
Commicarpus scandens (=Boerhavia scandens)
Mirabilis laevis v. villosa (=M. bigelovii)

Oleaceae

Forestiera shrevei
Menodora scabra v. scabra

Onagraceae

Camissonia californica
Camissonia chamaenerioides
Oenothera primiveris

Papaveraceae

Argemone pleiacantha v. ambigua
Eschscholzia californica ssp. mexicana (=E. mexicana)

Plantaginaceae

Plantago ovata (=P. fastigiata, P. insularis)
Plantago patagonica

Polemoniaceae

Eriastrum diffusum
Gilia flavocincta ssp. australis
Gilia stellata
Linanthus bigelovii

Polygonaceae

Chorizanthe brevicornu
Chorizanthe rigida
Eriogonum abertianum
Eriogonum deflexum v. deflexum
Eriogonum fasciculatum v. polifolium

Eriogonum inflatum
Eriogonum palmerianum
Eriogonum trichopes
Eriogonum wrightii
*[Polygonum aviculare]

Portulacaceae

Calandrinia ciliata v. menziesii
Cistanthe monandra (= Calyptridium monandrum)

Primulaceae

Androsace occidentalis

Ranunculaceae

Anemone tuberosa
Clematis drummondii
Delphinium scaposum

Resedaceae

Oligomeris linifolia

Rhamnaceae

Condalia warnockii v. kearneyana
Ziziphus obtusifolia v. canescens

Rosaceae

Vauquelinia californica ssp. sonorensis

Rubaiaceae

Galium proliferum
Galium stellatum v. eremicum

Salicaceae

Populus fremontii (historically present, but currently absent)
Salix exigua (historically present, but currently absent)
Salix gooddingii (historically present, but currently absent)

Scrophulariaceae

Mimulus floribundus
Mimulus guttatus
Penstemon parryi

Simmondsiaceae

Simmondsia chinensis

Solanaceae

Datura discolor
Lycium andersonii
Lycium berlandieri v. longistylum
Lycium exsertum
Lycium fremontii
Nicotiana obtusifolia (= N. trigonophylla)
Physalis crassifolia
Solanum elaeagnifolium

Sterculiaceae

Ayenia compacta (= A. filiformis)
Ayenia microphylla

Tamaricaceae

*Tamarix aphylla
*Tamarix chinensis (= T. pentandra)

Ulmaceae

Celtis pallida

Urticaceae

Parietaria hespera

Verbenaceae

Aloysia wrightii
*[Lantana camara]
Verbena neomexicana

Viscaceae

Phorodendron californicum

Vitaceae

*[Cissus trifoliata]

Zygophyllaceae

Kallstroemia californica
Kallstroemia grandiflora
Larrea tridentata ssp. tridentata (= L. divaricata)

Angiosperms: Monocots

Agavaceae

[Agave deserti]
*[Agave americana v. expansa]

Yucca baccata v. brevifolia (= Y. arizonica)

Yucca elata

Cyperaceae

Scirpus sp. (historically present, but currently absent)

Liliaceae

Allium macropetalum

Calochortus kennedyi

Dichelostemma capitatum ssp. pauciflorum (= D. pulchellum)

Poaceae

Aristida adscensionis

Aristida purpurea v. nealleyi

Aristida purpurea v. parishii (= A. parishii)

Aristida ternipes v. gentilis (= A. hamulosa)

Aristida ternipes v. ternipes

*[Arundo donax]

Bothriochloa barbinodis

Bouteloua aristidoides v. aristidoides

Bouteloua barbata v. barbata

Bouteloua barbata v. rothrockii (= B. rothrockii)

Bouteloua curtipendula

Bouteloua repens

Bouteloua trifida

Bromus rubens

Cathestecum brevifolium (C. erectum, misapplied)

Cottea pappophoroides

*Cynodon dactylon

Dasychloa pulchella (= Erioneuron pulchellum)

Digitaria californica

Elymus elymoides

*Enneapogon cenchroides

Enneapogon desvauxii

*Eragrostis barrelieri

*Eragrostis cilianensis

*Eragrostis lehmanniana

Eriochloa acuminata

Heteropogon contortus

Hilaria belangeri v. belangeri

Leptochloa dubia

Leptochloa panicia v. brachiata (= L. mucronata, L. filiformis)

Muhlenbergia microsperma

Muhlenbergia porteri

Muhlenbergia rigens

Panicum hirticaule

Pappophorum vaginatum (=P. mucronulatum)

*Pennisetum ciliare v. ciliare

*[Pennisetum setaceum]

Poa bigelovii

*Polypogon monspeliensis

*Schismus barbatus

Setaria grisebachii

Setaria leucopila

Setaria macrostachya

*Sorghum halepensis

Sporobolis contractus

Sporobolis cryptandrus

Sporobolis wrightii

Tridens muticus

Urochloa arizonica (=Brachiaria arizonica)

Vulpia octoflora v. hirtella

Typhaceae

Typha domingensis (historically present, but currently absent)