

CHANTLALLI ESTATES DESIGN GUIDELINES

ANTENNAS

No antenna, aerial, satellite dish or other device for the transmission or reception of television or radio (including amateur or ham radio) signals or any other form of electromagnetic radiation of any kind (collectively referred to herein as "antennas") shall be allowed outside the Dwelling Unit. Those antennas whose installation and use is protected under federal law or regulations, provided that an application for such antenna must be submitted to the Committee and such application will be approved only if: (a) the antenna is designed to assure the most minimal visual intrusion possible, provided an application for such antenna must be submitted to the Committee and such application shall only be approved if the antenna complies to the maximum extent feasible with the Design Guidelines and within the confines of applicable federal regulations) without precluding reception of a quality signal or unreasonably increasing the cost of the antenna. Upon the written request of the Owner when submitting an application, the Committee shall consider such application on an expedited basis and shall strive to render a decision within seven (7) days, but in no event no later than fourteen (14) days, from the date the completed application was submitted.

Should applicable law prohibit the Design Review Committee from requiring prior approval for the installation of certain antennas, the preferred locations, in descending order of preference, are as follows:

1. A location in the back yard of the property where the antenna will be screened from view by wall or fencing, landscaping or other improvements;
2. An unscreened location in the backyard of the Lot;
3. On the roof but below the roof line;
4. A location in the side yard of the property where the antenna and any pole or mast will be screened from view by landscaping or other improvements;
5. On the roof above the roofline;
6. An unscreened location in the side yard;
7. A location in the front yard of the Lot where the antenna will be screened from view by landscaping or other improvements.

All wires must be securely attached to the dwelling and painted to match where attached. Additionally, any transmission cable for a receiver to the house must be underground. The restrictions in this *Section 3.6* shall be subject to any limitations imposed by law.

AWNINGS

All awnings must be approved by the Design Review Committee. Awnings over all windows shall be canvas or similar material, of solid color on both sides, which match the color of the body of the exterior of the home or roof color and shall be installed only on the side and/or rear of the home. All awning submittals must include a drawing with the location of the proposed awning installation. A sample of the material to be used, along with the color and design of the proposed awning is required. Owner is responsible for maintenance and repair of awnings. Association retains the right to determine when an awning must be repaired and or replaced due to weathering, fading, tearing, ripping, etc.

BASKETBALL GOALS

1. Only pole mounted backboard and goals are acceptable. Poles must be set in the ground permanently. Backboards shall not be attached to the house, garage or roof.
 2. Goals installed on the "exterior" of the driveway require the adjacent neighbor's written approval.
 3. Permanent basketball poles located in front or rear yards must be painted to match the color of the body of the exterior of the home or black in color.
 4. Backboards must be of a predominantly neutral color (gray, black or white) or match the color of the body of the exterior of the home. Clear Plexiglas backboards are acceptable without painting.
 6. All equipment must be constantly maintained. Broken backboards, disfigured or bent rims, Ripped/torn nets, chipped and/or peeling paint, etc., should be promptly repaired or replaced.
 7. Only nylon or similar cord nets are acceptable. Metal or chain nets are expressly prohibited.
 8. Courts may not be painted or permanently outlined on the driveway or other concrete surfaces in the front or side yard.
 9. Lighting for night use of the equipment is prohibited.
 10. Portable basketball goals are expressly prohibited, except in rear yards.
- Basketball equipment does not need to be submitted for approval providing the equipment is in compliance with the above rules.

CHIMNEYS

Chimneys shall be constructed of the same material, texture and color of the home. Exposed flues are prohibited.

DECORATIVE ITEMS

Front yard item(s) must be submitted for approval by the Design Review Committee. The Board of Directors reserves the right to require removal of decorative items in front yards based on size, quantity, color and location and any other criteria that the Board may determine.

Seasonal and Decorative Flags

Seasonal and decorative flags which are house mounted below the roofline do not require approval. Seasonal flags must be removed within 30 days after the date of the holiday to which the flag pertains. Flags must be maintained in good condition at all times. Torn, ripped, faded, etc. constitutes grounds for fines and removal. Flags shall not be offensive to the Association. The Board of Directors shall make this determination at its sole discretion.

Holiday Decorations

Holiday decorations may be installed 30 days prior to the holiday and must be removed within 30 days after the holiday.

Decorative and Seasonal items

The Board of Directors reserves the right to require the removal of decorative items in front yards based on size, quantity, color, location and any other criteria.

The Board of Directors, at its sole discretion, shall make its determination on a case by case basis.

Decorative Art on Houses

Decorative Art on houses shall be neutral in color and may be limited in number, so as to not dominate the appearance of the home. Dimensions of decorative art shall be no greater than three feet in length, width and height.

Water Features Statuary, Etc

Items such as fountains, statuary, etc., are permissible within the rear yard and do not require submittal to the Design Review Committee, except on Lots with view fencing. Any items installed in the rear yard must not exceed the wall or fence height. Such items must be approved by the Design Review Committee for installation in the front yard. Water features may not exceed four and one-half (4 ½) feet in height. It is recommended that water features be chlorinated. The Committee reserves the right to limit the size and quantity of statuary in the front yard, as well as rear yards with view fencing. Statuary must not exceed twelve (12) inches in height, must be of earth tones and must be approved by the Design Review Committee.

DRIVEWAY EXTENSIONS AND SIDEWALKS

Driveway extensions will be reviewed for approval provided the following conditions are met.

1. Only driveway extensions submittals located in the side yard of the property will be considered.
2. Submittals must include a plot plan with i.) the location and dimensions of the proposed extension, ii.) the existing driveway dimensions, and iii.) the total linear feet of lot frontage.
3. The total parking area may not exceed the greater of thirty (30) feet of contiguous frontage or fifty percent (50%) of the lot width (existing plus extension) as measured at its widest point.
4. Homeowners with four (4) car garages will not be permitted to add a driveway extension since this will exceed the provision directly above. Rather, these homeowners will be permitted to request one of the following options:
 - a. A stabilized decomposed granite driveway which match the existing granite in the front yard. Homeowners may not park vehicles on this extension. Color samples of existing and proposed granite must be submitted.
 - b. A sidewalk no more than three (3) feet in width from the rear of the yard to the existing driveway. Additionally, the sidewalk may not exceed three (3) feet past the front edge of the home and shall not run parallel to the driveway as to exceed the thirty (30)foot limit.
 - c. Either option must be submitted to the Design Review Committee for approval.
5. If the extension ends within one foot of the side property line, it shall require the written input of the adjacent neighbor closest to the proposed extension. Such input should include the homeowner's printed name, lot number, address, date, signature and clear statement of the proposed improvement. The area between the extension and the lot line must be landscaped with the same ground cover used in the front yard or a material approved by the

Design Review Committee.

6. Painting of paved surfaces is prohibited.

Additional Sidewalks

Sidewalks installed to utilize the side gates do not need to be submitted if all the following conditions are met;

1. The additional sidewalk is three (3) feet or less in width, is one foot or more from the property line and is one foot or further from the home.
2. The area between the home and the sidewalk addition must have groundcover installed per the landscaping guidelines or to match the existing ground cover.

The Design Review Committee reserves the right to review and request changes to the addition per these requirements.

Additional sidewalks in any other location must be submitted for approval.

FENCES AND WALLS INCLUDING DECORATIVE WALLS

Plans to raise the height of a party wall must be submitted for approval with written permission from the adjacent neighbor(s) as well as with information on the height of all walls which will be raised about the wall(s) being raised. Side and rear walls may not exceed six (6) feet in height from ground level, as measured from the lowest side of the wall.

Plans for new fences or walls must be submitted to the Architectural Review Committee prior to construction. Walls must match the existing wall in texture and color.

Access for pool installation must be through the front gate access or by removing a portion of the front wall. Corner lots must receive prior approval to remove a portion of the sidewall.

Decorative or garden walls may not exceed thirty-six (36) inches in height. Decorative or garden walls must be submitted for approval prior to installation, and be stuccoed and painted to match the base color of the home.

FLAGPOLES

In accordance with A.R.S. §33-1808, flagpoles are allowed for the outdoor display of the American Flag, provided the flag is displayed in a manner consistent with the Federal Flag Code (P.L. 94-344; 90 STAT.810; 4 United States Code Sections 4 through 10). Residences are allowed one flagpole which shall be attached by bracket to the front of the home only for the display of the American Flag. The American Flag shall be no larger than 3' X 5'. The flag shall only be displayed from sunrise to sunset.

The above does not apply to model homes where flags in addition to or other than the American Flag, may be displayed only during the time those homes are represented as models.

GATES

All requests for additional gates or gates other than those which were offered by the original developer of the lot/home must be submitted for architectural approval. Placement of gate(s) must be approved by the Design Review Committee. Double gates may be installed to allow wider access to rear yards. All gates (double or single) should be of the same material, design and color as the originally installed single gates unless approved by the Design Review Committee.

Gates may be painted to match the fence with approval from the Design Review Committee.

GUTTERS AND DOWNSPOUTS

Gutters and downspouts will be considered for approval if the finish matches the color of the home. The Association strongly recommends use of high quality materials that offer long life, as the gutters must be maintained in good condition at all times.

HVAC INCLUDING EVAPORATIVE COOLERS

Except as initially installed by the Declarant, no heating, air conditioning or evaporative cooling unit shall be placed, installed, constructed or maintained upon any lot without the prior written approval of the Design Review Committee. All units shall be ground mounted, located within the perimeter of the rear yard and screened or concealed from view of all neighboring property.

LANDSCAPE GUIDELINES

Front Yard Landscaping If landscaping is not installed by the Builder, it shall be installed by the Homeowner within 90 days after becoming the Owner of a Lot. The landscaping and irrigation improvements shall be installed in accordance with plans approved in writing by the Architectural Committee. Prior to installation of such landscaping, the Owner shall maintain the front yard of the Lot in a weed-free condition.

Front yard landscaping must have a minimum of One (1) fifteen-gallon tree, three (3) five-gallon shrubs, organic or inorganic ground cover and underground irrigation to plant material. The tree requirement may be substituted with approved cactus with a minimum height requirement of five (5) feet.

Rear Yard Landscaping - Rear yard landscaping does not require Architectural Committee approval, except on Lots with view fencing.

Hardscape - Any hardscape items proposed for front yard installation must be approved by the Architectural Committee. Materials included in hardscape are concrete, brick, tile, wood, etc. Examples of hardscape items are planters, walkways, retaining walls, decorative walls and fountains.

Turf - No turf is allowed in the front yard.

Rock Ground Cover - If decomposed granite or other landscape rock is used, it must be of an "earth tone" color and not white, green, blue or other bright colors. River rock shall be one (1) to six (6) inches in diameter and no more than fifteen percent (15 %) of the front yard landscaping.

Prohibited Plant Material The following vegetation types and varieties are expressly prohibited:

- A. Olive trees (*Olea europaea*) other than the "Swan Hill" variety.
- B. Oleanders (*Nerium oleander*) other than the dwarf variety and *Thevetia*. (*Thevetia* species).
- C. Fountain Grass (*Pennisetum setaceum*) or Pampas grass (*Cortaderia selloana*).
- D. All varieties of Citrus are permissible within the confines of the rear yard only.
- E. Mexican Palo Verde (*Parkinsonia aculeata*).

F. All varieties of mulberry trees.

Approved Plant List - The Official Regulatory List for the Arizona Department of Water Resources, Tucson Active Management Area, Low Water Use/Drought Tolerant Plant List for the City of Tucson and Pima County, Revised March 2007, a copy of which is attached hereto and made a part hereof, is the complete list of plants approved for the Chantlalli Estates Community. Although Bermuda Grass may be permitted, please be aware that it does produce a tremendous amount of pollen. Therefore, it is highly recommended that this specific grass be avoided.

LIGHTING - Please refer to Landscape Rules or Security Lighting.

MACHINERY AND EQUIPMENT

No machinery, fixtures, improvements or equipment of any type) including, but not limited to, heating cooling, air conditioning, refrigeration equipment, and clotheslines, may be placed on any lot or parcel so as to be Visible From Neighboring Property. Any such placement of any machinery, fixtures, improvements or equipment requires the prior written approval of the Design Review Committee and such approval may be withheld in the Committee's sole discretion.

Oil pans, carpet, boards or any other object used to collect oil spills from driveways must be removed when not in use to prevent them from being visible from neighboring property.

PAINT COLORS

The paint colors used by the original developer are highly recommended for use in all instances. In the case of any variation from the original colors, the preferred colors are earth tones. Trim colors shall not dominate the exterior appearance and shall be of the same color range of the major color. The Design Review Committee must approve colors prior to painting.

PATIO COVERS

Roofing materials should match that which were installed by the builder on the original roof of the home or that which were offered as an option by the builder for a patio cover. Color and material of supports should match the home. Roof shall be flat or match the pitch of the roof of the home. All patio covers, not installed by the builder, will need to be reviewed by the Design Review Committee on an individual basis, prior to installation, with strong consideration being given to any impact of architectural features in the neighborhood.

PLAYGROUND EQUIPMENT

Plans for play structures and similar recreational equipment must be submitted for approval since in most instances they protrude over the fence line. This is not to eliminate play structures, but to consider privacy issues for adjacent neighbors, and to assure the aesthetic appeal.

The maximum height which will be considered for approval of swing sets and other play equipment without written input of immediately adjacent neighbors shall be eight (8) feet. An architectural submittal for any such structure which exceeds eight (8) feet at its maximum height must include the written input from all adjacent neighbors. In no case will the maximum height of any such improvement be permitted to exceed twelve (12) feet. The maximum height for any deck/platform is four (4) feet above ground level.

The play structure may be placed no closer than ten (10) feet to any lot line. When considering plan

approval, the Committee will consider the appearance, height and proximity to neighboring property. Submittals must include a picture or brochure of the structure, total dimensions, materials and a plot map or drawing indicating the proposed location and its proximity to adjacent property lines.

The color of canopy of the play structure must be one of the following:

1. Canvas covers shall be of a "neutral" color, off white, beige or light brown.
2. A single solid color of red, blue, green or yellow.
3. Stripped with white and one (1) other color, either red, blue, green or yellow.
4. Prints and multi-colored stripped canopies are prohibited.

Neighbor input shall include a signed statement acknowledging the proposed equipment, its height, material, and color. Neighbor's name and lot number must be noted.

POOLS AND SPAS

Pools and spas do not require the prior approval of the Design Review Committee. Perimeter walls on lots bordering common areas and shared Homeowners Association walls may not be torn down to allow access to rear yards.

Access must be gained by removing a portion of the front wall on the side of the home. Repairs to the wall must be completed in a timely fashion and include repairing the wall to match the texture and color of the remaining wall. All pool and spa equipment must be screened from view of neighboring property. (Lots with view fencing must submit plans for screening for approval by the Design Review Committee.)

Pools may not be backwashed into any common area. Check with your pool contractor concerning City Ordinance requirements for backwashing. Damage, including erosion, to common area due to backwashing will be repaired by the Association and all expenses incurred by the Association will be billed to the homeowner.

POOL FENCING AND EQUIPMENT

The specifications for rear yard wrought iron pool fencing installation on a Lot with view fencing shall be of a neutral earth tone color to match or blend with the exterior color of the home and meet all City, State and Federal requirements.

Pool equipment on lots with view fencing must be screened from view from common areas. Screening may be through plant material or hardscape enclosure. Hardscape enclosures do not require approval if the enclosure does not exceed four feet (4) in height and is stuccoed and painted to match the base color of the home. All other screening material requires approval from the Design Review Committee.

ROOF AND ROOF STRUCTURES

If the dwelling unit has pitched roof, the roofing material for that portion visible from neighboring property must be clay or concrete tile. Unless specifically authorized in this document, no heating, air-conditioning, ventilation equipment) or any other equipment or structures shall be located or installed on any roof (please see SOLAR PANELS). In addition, any such equipment or structures shall not be located or installed or maintained anywhere on a Lot, if it is visible from neighboring property.

SANITATION

No garbage or trash may be placed on any lot or parcel except in covered containers meeting the City specifications, and must be stored out of sight. Trash cans may be placed out for pickup no more than 12 hours prior to pickup and must be removed from view no more than 12 hours after pickup. Rubbish debris and garbage shall not be allowed to accumulate.

Each owner shall be responsible for removal of rubbish, debris and garbage not only from his lot or parcel, but also from all public right-of-ways either fronting or along side his lot or parcel, excluding (a) public roadway improvements, and (b) those areas specified on a Tract Declaration or subdivision plat to be maintained by the City or the Association.

SECURITY LIGHTING DEVICES

Security lighting must be directed as not to shine on neighboring property.

Security features including but not limited to doors and windows must be submitted for approval.

SECURITY/SCREEN DOORS/SUNSCREENS

Wrought iron security/screen doors need not be submitted for approval provided they are painted to match the base color of the home.

Silver colored aluminum screen/security doors and/or wire screen mesh doors are strictly prohibited on front doors.

Bronze, gray, charcoal, brown or beige sunscreen material may be installed and not submitted for approval provided that the window frame matches the sunscreen material or the existing window frames.

Reflective window films are expressly prohibited. Bronze or charcoal non-reflective window tinting may be installed without Design Review Committee review.

SIDEWALKS

Please refer to DRIVEWAY EXTENSIONS AND SIDEWALKS.

SIGNS

No signs shall be displayed on any lot except the following:

- (A) Signs used by the Declarant to advertise the lots and residence thereon for sale.
- (B) One temporary "For Sale" or "For Lease" sign with a maximum area of five (5) square feet in size.
- (e) Such signs as may be required by law.
- (D) One residential identification sign with a maximum face area of eighty (80) square inches.
- (E) Signs approved by the Design Review Committee.

All signs shall conform and comply with City ordinances. Signs advertising landscaping or pool contractors, etc. must be removed within forty-eight (48) hours of completion of work.

Security signs

Security signs must be located a maximum distance of 2 feet from the front of the home. Security signs must not exceed 12 inches by 12 inches and must be maintained in good condition at all times.

SOLAR PANELS and EQUIPMENT

Roof mounted solar equipment (excluding the solar panels) must match the roof material. Panels must be an integrated part of the roof design and mounted directly to the roof plane. Solar units must not break the roof ridgeline, visibility must be minimized from public view, and may be required to be screened from neighboring property in a manner approved by the Design Review Committee.

STORAGE SHEDS

Storage sheds will be permitted and need not be submitted for approval, provided the maximum height of the shed, including roof, do not exceed the height of the immediately surrounding walls(s) or fences(s). Sheds shall have a minimum setback of 3 feet from any rear yard walls. Sheds whose maximum height exceeds the height of the immediately surrounding wall(s) or fence(s) must be constructed of block, stuccoed and painted to match the home, and with a tile roof to match the existing tile on the home.

Storage sheds on lots with a view fence are subject to the following provisions:

The shed may not be placed adjacent to the view fence. The shed must be screened from view with approved plant materials. Placement of the shed must be approved prior to installation.

WINDOWS

Permanent draperies or suitable window treatments shall be installed on all front-facing windows within sixty (60) days of occupancy. No reflective materials, including but not limited to, aluminum foil, reflective screens or glass, mirrors or similar type material, shall be installed or placed upon the outside or inside of any windows. Exterior window coverings or treatments used to shelf or decorate openings must be compatible, with respect to materials and color, with the style and color of the home.

CHANTLALLI ESTATES HOMEOWNERS ASSOCIATION

P.O. Box 17539

Tucson, AZ 85731

Phone (520) 623-2324-Fax (520) 722-5039

ARCHITECTURAL AND LANDSCAPE

REVIEW SUBMITTAL FORM

Date _____

1. Owner's Name _____
Lot or Unit # _____
Address _____
Phone: _____
2. Description of work to be done _____
3. Type of materials to be used _____
4. Color(s) to be used _____
5. Contractor Name, Address, and Phone (if applicable) _____
License # _____
6. Other Information _____

An accurate drawing must be attached using your lot dimensions showing the exact location of the proposed structure. For room additions or anything that must tie into the roofline, an elevation of the proposed structure must also be attached.

****Please obtain the signatures of your affected neighbors. Your neighbors' recommendations are heavily considered however the ARC committee is not bound by those recommendations.**

Neighbor's Signatures: _____ Lot # _____ For: _____ Against: _____

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Design Review requests will be reviewed as soon as possible.

Committee action taken:



Low Water Use Drought Tolerant Plant List

*Official Regulatory List for the Arizona Department
of Water Resources, Tucson Active Management Area*

**400 W. Congress, Suite 518
Tucson, AZ 85701**

**(520) 770-3800
www.azwater.gov**

Photo - Christina Bickelmann © 2004

DROP YOUR WATER USE!

Tucson is Educating Consumers to Drop their Water Use . . .

The Tucson office of the Arizona Department of Water Resources (ADWR) has developed a new pilot program, Drop Your Water Use, to educate retail nursery customers on how to plan and maintain a healthy and water efficient landscape.

The program is a voluntary collaboration between ADWR and local nurseries that uses a simple water drop system to identify plants with similar water requirements. Plants are labeled one through three, distinguished with corresponding water drops and numbers.

All of the labeled plants are Xeriscape plants currently on the Tucson AMA -Low Water Use/ Drought Tolerant plant list. The one through three numbering system correlates with the plant list.



One is high water use, generally only used in the desert for a short time, such as for a wedding or a party.



Two is low water use,



Three is moderate water use.

By choosing plants with the same number a gardener can more successfully group plants by water needs.

Although the plants are all low-water-using, the frequency that they need to be irrigated varies from approximately once a week to once a month after the plants are established (in about 2-3 years). ADWR hopes that consumers will use separate valves on their irrigation system to water each zone and irrigate trees separately, enabling them to manage their irrigation water use more efficiently.

To date, fourteen Tucson retail nurseries and all six Tucson area Home Depot's have signed up for the program. ADWR is working with other nurseries to encourage them to participate. Wholesale nurseries in Phoenix and Tucson are also participating in the program by adding water drop symbols to the labels on plants to be sold in Tucson.

Retail nurseries that participate receive free posters, water drop stickers for their signage and handouts for their customers explaining the program and watering guidelines. In addition all participating nurseries will be listed on the ADWR website and will be promoted in press releases and at community events.

Anyone interested in more information or Tucson nurseries that would like to sign up for the program should contact Christina Bickelmann, Water Conservation Specialist for the Tucson ADWR office @ (520) 770-3816 or email: cbickelmann@azwater.gov

LOW WATER USE/DROUGHT TOLERANT PLANT LIST

OFFICIAL REGULATORY LIST FOR:

**Arizona Department of Water Resources - Tucson Active Management Area
Pima County, City of Tucson, Town of Oro Valley, Town of Marana**

This official regulatory list was developed to guide the regulated community in choosing low water-use and drought tolerant plants for landscaping. Landscaping planted after January 1, 1987 within publicly owned rights-of-way and irrigated with groundwater may be planted only with plants listed on the ADWR Low Water Use/ Drought Tolerant Plant List for the Tucson AMA. The director may waive this requirement under special circumstances. This requirement does not apply to any portion of a residential lot that extends into a publicly owned right-of-way. Many local jurisdictions have adopted this list for regulatory purposes; contact your local jurisdiction for their landscape requirements.

This list can also be used as a resource for residents and businesses that are interested in conserving water. The list provides a wide array of plants to accomplish a variety of low water-use landscape designs.

The plants on this list can be grown in the Tucson area with very low to moderate supplemental irrigation once they are established. Supplemental irrigation should be of sufficient quantity to saturate the plant's root zone. All plants listed can grow with less water than traditional high water-use landscape plants and do not require more than the ADWR regulations for low water-use plants in the Tucson AMA, a maximum of 18 inches of supplemental irrigation on an annual basis, not including rainfall. In addition to water requirements, other suitability factors (e.g. highly invasive, cold hardiness, etc.) may be considered to determine acceptability of individual plants for addition to the list.

Applications for additions, deletions or exceptions to this list may be submitted to the Department of Water Resources, Tucson Active Management Area Office for consideration. Phone: (520) 770-3800. The list and application forms may be downloaded from the ADWR website at www.azwater.gov/TAMA.

An advisory committee of local plant experts reviews all applications for modification and submits recommendations to the AMA Director for final consideration.

Updated March 2007

Key to symbols:

Water use (WU)

- 1 – Very low, irrigate every 3-4 weeks during the growing season after establishment
- 2 – Low, irrigate every 2-3 weeks during the growing season after establishment
- 3 – Moderate, irrigate weekly during the growing season after establishment

* Average annual rainfall for Tucson is 11-12"; in low rainfall years the plants on the list may need additional irrigation to maintain good appearance and plant health.

Irrigation: most plants require regular irrigation during the first 2- 3 year establishment period

Growing Season (GS):

Wi winter – apply water September through March; less frequently in off season

Su summer – apply water March through September; less frequently in off season

Plant Type (PT):

A accent plant	S shrub
C cactus	Sc succulent
Gc groundcover	T tree
Gr ornamental grass	V vine
An annual	P perennial

Flower Color:

Includes annotations for fall color, berries

H: Mature plant height measured in feet

W: Mature canopy size measured in feet

Allergenicity (AL):

- a strongly allergenic
- b moderately allergenic
- c weakly allergenic

Cold Hardiness: if plants do not suffer any damage at 20° F or below they are considered cold hardy and do not have a code in the column

(sh) semi-hardy - some dieback in a hard frost (mid 20's F)

(t) tender - severely damaged or killed in a hard frost; when temperatures drop to 32° F or below

Note: the timing of the freeze, duration of the freeze, the temperatures the next day and the second night temperatures will affect how severely damaged the plant will be.

Allergenicity of the plants was classified with the help and advice of Michael J. Schumacher, M.D., Professor, Dept. of Pediatrics and Head, Allergy-Immunology Section, Univ. of Arizona Health Sciences Center and Mark R. Sneller, Ph.D., Office of Pollen and Mold Control, Pima County Health Dept.

Native Plants are listed under Origin using the following symbols:

CD Chihuahuan Desert- includes north central and NW Mexico, SW Texas, southern New Mexico and extreme SE Arizona

SD Sonoran Desert – includes arid and semi-arid areas of NW Mexico, SE California and most of Arizona south of the Mogollon Rim

Note: Chihuahuan and Sonoran Desert Regions annotated by Matt Johnson, Native Plant Society.

Special Considerations:

Toxic: may be harmful if eaten. Call Arizona Poison Control Center at 626-6016

Invasive (INV): may spread and intrude into natural areas

Spreads in Cultivated Areas (SCA): may spread by seed or sucker in urban or cultivated areas, and in disturbed soils

Low Water Use Drought Tolerant Plant List - Tucson Active Management Area

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	Abutilon palmieri	Indian Mallow	Apricot	Summer	S	3	4	Su					sh	SD
2	Acacia aneura	Mulga	Yellow	Spring	T	18	18	Su		c			sh	Austr.
2	Acacia angustissima	White Ball Acacia	White	Late Spring to Late Summer	S	5	5	Su		c			sh	SD
3	Acacia berlandieri	Guajillo	White	Summer	T,S	15	15	Su		c				CD
1	Acacia constricta	Whitethorn, Mescal Acacia	Yellow	Spring to Summer	T,S	20	20	Su		c	Yes	Yes		SD,CD
1	Acacia crasspedocarpa	Waxleaf Acacia	Yellow	Spring to Summer	T,S	15	15	Su		c				Austr.
2	Acacia cultriformis	Knife-Leaf Acacia	Yellow	Spring	T,S	15	15	Su		c			sh	Austr.
3	Acacia farnesiana (small)	Southwestern Sweet Acacia	Yellow	Spring	T,S	25	25	Su		c	Yes	Yes		SD,CD
1	Acacia greggii	Catalaw Acacia	Creamy Yellow	Spring to Summer	T,S	15	20	Su		c	Yes	Yes		SD,CD
2	Acacia notabilis	Notable Acacia	Yellow	Late Spring	S	8	15	Su		c				Austr.
2	Acacia redolens	Prostrate Acacia	Yellow	Spring	S,Gc	5	12	Su		c				Austr.
2	Acacia rigidula	Black Brush Acacia	Yellow	Spring	T,S	15	9	Su		c				CD
2	Acacia salicina	Willow Acacia	Creamy White	Spring	T	40	30	Su		c			sh	Austr.
2	Acacia saligna	Weeping Wattle	Orange-Yellow	Early Spring	T	25	20	Su		c			sh	Austr.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
3	Acacia schaffneri	Twisted Acacia	Yellow	Spring	T	20	25	Su		c				CD
2	Acacia stenophylla	Pencilleaf Acacia	Creamy White	Early Spring	T	30	20	Su		c				Austr.
2	Acacia willardiana	Palo Blanco	Pale Yellow	Spring	T	20	10	Su		c			sh	SD
3	Achnatherum hymenoides (Oryzopsis hymenoides)	Indian Ricegrass	Green	Spring	Gr	2	2	Su		a				SD,CD
1	Agave americana & varieties	Century Plant	Yellow	Once (Summer)	A,Sc	7	8	Su						CD
2	Agave angustifolia v. marginata	Narrow leaf Agave	Greenish-Yellow	Once (Summer to Fall)	A,Sc	3	4	Su					t	Mex.
2	Agave bovicornuta	Cow's Horn Agave	Yellow	Once (Spring to Summer)	A,Sc	3	4	Su					sh	Mex.
2	Agave bracteosa	Spider Agave	White, orange	Once (Summer)	A,Sc	2	2	Su						
2	Agave celsii		Greenish with purple/red tinge	Once	A,Sc	2	2	Su						E. Mex.
2	Agave chrysantha	Golden Flower Agave	Yellow	Once (Summer)	A,Sc	3	4	Su					sh	AZ
2	Agave colorata	Mescal Centiza, Blue Century Plant	Yellow	Once (Spring to early Summer)	A,Sc	3	3	Su						SD
2	Agave desmettiana & varieties	Smooth Agave	Pale Yellow	Once (Spring)	A,Sc	3	6	Su					t	Mex.
2	Agave filifera	Agave	Green then reddish	Once (Summer)	A,Sc	2	3	Su						CD
2	Agave geminiflora-solitary	Twin-flowered Agave	Yellow tinged with red	Once (Fall to Winter)	A,Sc	3	3	Su					sh	Mex.
2	Agave havardiana	Havard Agave	Greenish Yellow	Once (Spring)	A,Sc	3	4	Su						CD

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2	Agave lophantha (univittata)	Holly Agave; Center Stripe Agave	Greenish Yellow	Once	A,Sc	3	6	Su						CD
2	Agave macrocarantha	Black Spine Agave	Green	Once	A,Sc	2	2	Su					sh	Mex.
2	Agave montana	Mountain Agave	Green, Creamy White	Once	A,Sc	4	6	Su						Mex.
2	Agave multiflora	Chahuqui	Light Green with Pink Margins	Once	A,Sc	3	5	Su					sh	CD
2	Agave murpheyi	Murphy Agave	Pale Green	Once (Fall) produces bulbils on flower stalk	A,Sc	3	3	Su						SD
2	Agave ocahui	Ocahui Agave	Yellow	Once (Spring to Summer)	A,Sc	3	3	Su						SD
2	Agave ovatifolia	Whales Tongue Agave	Pale Green	Once	A,Sc	3	3	Su					sh	Mex.
2	Agave palmeri	Palmer Agave	Pale Green	Once (Summer) produces bulbils on flower stalk	A,Sc	4	4	Su						SD
2	Agave parmasana	Parras Agave	Yellow	Once	A,Sc	2	2	Su						Mex.
2	Agave parryi & varieties	Agave	Yellow	Once (Summer)	A,Sc	2	2	Su			Yes			CD
2	Agave parryi var. huachuensis	Huachuca Agave	Pink buds opening to Yellow	Once (Late Spring to early Summer)	A,Sc	2	3	Su		Yes	Yes			SD
2	Agave parviflora	Small Flowered Agave	Pale Yellow	Once (Summer)	A,Sc	.5	.7	Su						SD
2	Agave pelona	Mescal Pelon	Red	Once (Spring)	A,Sc	2	2.5	WI						SD
2	Agave potatorum	Butterfly Agave	Pale Green	Once	A,Sc	1	2	Su					t	Oaxaca Mex.
2	Agave salmiana ssp. Ferox	Puque Agave, Salm's Agave	Yellow above Green below	Once	A,Sc	4	6	Su					sh	Central Mex.

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2	Agave scabra	Rough-leaved Agave	Yellow	Once (Late Spring to Fall)	A,Sc	4	4	Su						CD
2	Agave schottigera	Agave	Dark Purple	Once (Fall to Spring)	A,Sc	2	3	Su						Durango Mex.
2	Agave shawii		Yellow	Once (Spring)	A,Sc	3	5	Su					sh	Baja Cal, Mex.
2	Agave striata	Needle-leaf Agave, Espidrine	Yellow, sometimes Red- Purple	Once (Summer)	A,Sc	3	3	Su						Mojave D
2	Agave utahensis		Yellow	Once	A,Sc	1	2	Su						Mojave D
2	Agave victoriae-reginae & varieties	Queen Victoria Agave	Reddish Purple	Once (Summer)	A,Sc	1	2	Su						Mex.
2	Agave vilmoriniana	Octopus Agave	Yellow	Once (Spring) produces bulbils on flower stalk	A,Sc	4	6	Su					sh	SD
2	Agave weberi	Weber Agave	Yellow	Once	A,Sc	4	6	Su						Mex.
1	Aloe barbadensis	Aloe Vera, Medicinal Aloe	Yellow, Orange, Red	Late Winter to Summer	Sc	2	2	WI					sh	Africa
2	Aloe ferox	Cape Aloe	Orange Red	Late Winter early Spring	Sc	15	3	Su					sh	Africa
1	Aloe saponaria	Tiger Aloe, Mediterranean Aloe	Yellow, Orange, Red	Winter to Spring	Sc	1	1	WI					sh	Africa
2	Aloe variegata	Partridge Breast Aloe	Dark Pink to Red	Winter to Spring	Sc	1	1.5	Su						Africa
2	Aloe x 'Blue Elf'		Orange-Red	Winter to Spring	A,Sc	2	1	WI					sh	garden variety
2	Aloysia gratissimma	Fragrant Bush, Bee Bush	White	Spring	S	6	8	Su			Yes	Yes		SD,CD
2	Aloysia wrightii	Wright's Bee Bush	White	Spring to Fall	S	4	4	Su						SD,CD

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1	Ambrosia deltoidea (Franseria)	Triangle-leaf Bursage	inconspicuous	Mid-Winter to mid-Spring	S	2	2	Wf		a				SD
1	Ambrosia dumosa (Franseria)	White Bursage	inconspicuous	Mid-Winter to mid-Spring	S	2	2	Wf		a				SD
3	Amsonia grandiflora	Large-flowered Blue Star	White tinged with Lavender	Spring to early Summer	S,P	3	3	Su						SD
2	Anisacanthus quadrifidus & varieties	Flame Anisacanthus	Orange, Red	Summer to Fall	S	5	5	Su						CD
2	Anisacanthus thurberi	Desert Honeysuckle	Orange	Spring to Fall	S	6	4	Su						SD
2	Antigonon leptopus	Queen's Wreath	Pink, White, Red	Summer and Fall	V	20	20	Su					t	SD
2	Artisida purpurea	Purple Three-awn	Green, Green to Blue foliage	Spring to early Fall	Gr	2	1	Su			Yes	Yes		SD,CD
2	Artemisia ludoviciana	Prairie Sagebrush, Wormwood	inconspicuous	July-Oct	S,Gc	1	3	Su		a				SD
3	Asclepias linaria	Pine Leaf Milkweed	White	Spring to Fall	S	3	3	Su	Yes					SD,CD
1	Asclepias subulata	Desert Milkweed	Pale Yellow, White	Late-Spring to Fall	P	3	3	Su	Yes				sh	SD
1	Aster bigelovii	Purple Aster	Blue	Late-Summer to early Fall	An	1-3	.5	Su					t	SD
1	Aster tanacetifolius	Purple Aster	Purple	Summer to Fall	An	1.5	.5	Su					t	SD,CD
1	Atriplex canescens	Four-Wing Saltbush	inconspicuous	Spring to Fall	S	4	8	Su		a				SD,CD
2	Atriplex lentiformis	Quail Bush	Greenish	Late Winter to Spring	S	10	15	Su		a				SD
2	Atriplex lentiformis breweri	Brewer Saltbush	Light Yellow	Summer	S	10	10	Su		a				SD

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1	Atriplex nummularia	Old Man Saltbush	inconspicuous		S	9	15	Su		a				Austr.
1	Atriplex polycarpa	Desert Saltbush	inconspicuous		S	3	6	Su		a				SD
2	Atriplex semibaccata	Australian Saltbush	inconspicuous	April through September	S	1	6	Su		a				Austr.
2	Baccharis hybrid 'Starr'	Thompson Broom	inconspicuous Tan		Gc	4	5	Su		c				garden cultivar
2	Baccharis sarothroides and hybrids (male varieties only)	Desert Broom	Cream, White	Fall	S	9	9	Su		a				SD
1	Bahia absinthifolia	Desert Daisy	Yellow	Spring to Fall	P	1	.5	Wi						SD
1	Baileya multiradiata	Desert Marigold	Yellow	Spring through Fall	P	1	1	Wi	Yes					SD,CD
3	Bauhinia lunataoides	Pink or White Orchid Tree	Pink, White	Spring to early Summer	S	12	10	Su						CD
2	Bebbia juncea	Sweet Bush, Chuckwalla's Delight	Yellow	Spring to Fall	S,P	4	4	Su			Yes			SD,CD
3	Berberis harrisoniana	Barberry	Yellow	Late-Winter to early-Spring	S	3	3	Su						SD
2	Berberis trifoliata	Algeria	Yellow	Spring	S	8	8	Su						SD
3	Berlandiera lyrata	Chocolate Flower	Yellow with Maroon center	Spring to Fall	P	2	2	Su			Yes			SE, AZ
2	Boottirochica bartinodis	Cane Beardgrass, Cane Bluestem	Green	Late-Spring to early-Fall	Gr	3	3	Su		c				SD,CD
2	Bougainvillea spp.	Bougainvillea	Purple, Red, Orange, Pink	Late Spring to Fall	S,V	20	20	Su				t		Brazil
2	Bouteloua spp.	Grama Grass	varies by species Green, Pink, Orange, Purple	Summer to Fall	Gr	.5-3	1	Su		a				SD,CD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	Brachycton populneus	Bottle Tree	Pink	Late Spring	T	45	30	Su						Austr.
3	Brahea (Erythea) armata	Mexican Blue Palm	White	Spring	T	30	10	Su		c				SD
3	Buchloe dactyloides	Buffalo Grass	Tan	Summer to Fall	Gr	.5	.5	Su		a				CD
1	Buddleia marrubifolia	Woolly Butterfly Bush	Orange	Spring and Summer	S	5	5	Su						CD
3	Bulbine frutescens and cultivars	Shrubby Bulbine	Yellow to Orange	Fall to Spring	Sc	2	2	Wf					sh	S. Africa
2	Caesalpinia (Poinciana) gilliesii	Yellow Bird of Paradise	Yellow with Red stamens	Late Spring to Fall	S	10	6	Su	Yes		Yes	Yes		S. Amer.
2	Caesalpinia (Poinciana) mexicana	Mexican Bird of Paradise (Yellow)	Yellow	Spring to Summer	S	15	10	Su	Yes		Yes	Yes		CD
3	Caesalpinia cacalaco	Cascadote	Yellow	Winter	S	15	18	Su	Yes				t	Mex.
3	Caesalpinia pulcherrima	Red Bird of Paradise	Red, Orange	Summer	S	6-8	6	Su	Yes				sh	Caribb.
2	Callaeum lilacina (Mascagnia)	Purple Orchid Vine	Purple	Spring and Summer	V	15	10	Su						CD
2	Callaeum macropterum (Mascagnia macroptera)	Yellow Orchid Vine	Yellow	Spring and Summer	V	25	25	Su			Yes		sh	SD, CD
2	Calliandra californica	Baja Fairy Duster	Red	Spring through Fall	S	6	6	Su					sh	SD
1	Calliandra eriophylla	Fairy Duster, False Mesquite	Pink	Spring	S	3	4	Su						SD
2	Calliandra peninsularis	Red Calliandra, Baja Fairy Duster	Red	Winter to Spring	S	6	6	Su					sh	SD
3	Callistemon citrinus	Lemon Bottlebrush	Red	Off and on all year	T, S	15	10	Su		c			sh	Austr.

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3	<i>Calyophus hartwegii</i> & varieties	Calyophus, Yellow Evening Primrose	Yellow	Spring to Summer	Gc	1.5	3	Su, Wf			Yes	Yes		CD, SD
3	<i>Campsis radicans</i>	Common Trumpet Creeper	Orange, Red	Summer to Fall	V	20	20	Su					sh	SE U.S.
1	<i>Carnegiea gigantea</i>	Saguaro	White	Early Summer	C	50	25	Su						SD
3	<i>Carpobrotus edulis</i> (<i>Mesembryanthemum edulis</i>)	Ice Plant	Pale Yellow to Pinkish Purple	Summer	Gc, Sc	1	6	Wf					t	Africa
2	<i>Cassia artemisioides</i> (Senna)	Mormwood Senna, Feathery Cassia	Yellow	Late Winter to Spring	S	5	5	Wf					sh	Austr.
2	<i>Cassia nemophila</i> (<i>C. eremophila</i>)	Green Cassia	Yellow	Winter to Spring	S	9	6	Wf			Yes	Yes		Austr.
2	<i>Cassia phyllodinea</i>	Silvery Cassia	Yellow	Winter to Spring	S	6	6	Wf						Austr.
2	<i>Casuarina cunninghamiana</i>	Australian Pine			T	70	35	Su		b				Austr.
2	<i>Casuarina stricta</i>	Coast Beewood			T	35	25	Su		b				Austr.
2	<i>Cathartecum erectum</i>	False Grama	Green	Summer	Gr	.5	1	Su		c				SD
1	<i>Celtis pallida</i>	Spiry or Desert Hackberry	Greenish-yellow	Spring	S	16	10	Su		a				SD, CD
3	<i>Celtis reticulata</i>	Netleaf or Western Hackberry	Greenish	March through Summer	T	30	30	Su		a				SD, CD
3	<i>Centaurea cineraria</i>	Dusty Miller	Purple, Yellow	Summer	P	3	3	Wf						Medit.
2	<i>Cephalophyllum aestonii</i> 'Red Spike'	Red Spike Ice Plant	Reddish-purple	Winter to Spring	Gc, Sc	0.5	1.5	Wf						S. Africa
3	<i>Ceratonia siliqua</i>	Carob, St. John's Bread Tree	Pink	Spring	T	40	40	Su					sh	Medit.

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3	<i>Cercis canadensis</i> v. <i>mexicana</i>	Mexican Redbud	Magenta	Early Spring	T,S	15	15	Su						CD
1	<i>Cereus hildmannianus</i> (<i>C. peruvianus</i>)	Peruvian <i>Cereus</i> , Hedge Cactus	White	Night blooming in Summer	C	20	10	Su					sh	S. Amer.
3	<i>Chamaerops humilis</i>	Mediterranean Fan Palm	Insignificant	n/a	T	15	10	Su		c				Spain
3	<i>Chilopsis linearis</i> and cultivars	Desert Willow	White, Lavender, Pink, Purple	Late-Spring to Fall	T,S	30	30	Su			Yes	Yes		SD,CD
2	<i>Chrysactinia mexicana</i>	Damianita Daisy	Yellow-Gold	Spring and Fall	S	2	2	Su						SW U.S.
2	<i>Cissus trifoliata</i> v. <i>incisa</i>	Desert Grape Ivy	Inconspicuous	Summer	V	20	20	Su			Yes	Yes		SD,CD
2	<i>Condalia globosa</i>	Bitter Condalia	White Inconspicuous, fragrant	Early Spring	T,S	15	20	Su						SD
1	<i>Condalia warnockii</i> v. <i>kearneyana</i>	Condalia, Mexican Pincushion	White	Early Spring	S	6	5	Su						SD,CD
2	<i>Convolvulus creorum</i>	Bush Morning Glory	White	Late Spring to Fall	S,Gc	2	3	Wi	Yes					S. Eur.
3	<i>Convolvulus mauritanicus</i>	Ground Morning Glory	Sky Blue	Spring and Summer	Gc	5	2	Wi					sh	Africa
2	<i>Cardia boissieri</i>	Anacahuita, Texas Olive	White	Spring to Fall	T,S	15	15	Su					sh	CD
2	<i>Cordia parvifolia</i>	Littleleaf Cordia	White	Spring to Fall	S	8	10	Su						SD,CD
3	<i>Cupressus arizonica</i> & varieties	Rough-barked Arizona Cypress	Inconspicuous	n/a	T	50	20	Su		a				SD,CD
3	<i>Cupressus glabra</i>	Smooth Bark Cypress	n/a	n/a	T	40	20	Su		a				SD
3	<i>Dalbergia sissoo</i>	Rosewood	Inconspicuous green-yellow		T	50	30	Su					sh	India

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2	<i>Dalea bicolor</i> & varieties	Dalea Bicolor	Blue	Fall	S	6-8	5-6	Su						CD
3	<i>Dalea capitata</i>	Yellow Dalea	Yellow	Spring and Fall	Gc	1	3	Su						Mex.
3	<i>Dalea frutescens</i>	Black Dalea	Pink, Rose to Purple	Late Fall	S	4	5	Su						CD
2	<i>Dalea greggii</i>	Trailing Indigo Bush	Pink, Purple	Spring to Summer	Gc	2	9	Su						CD
2	<i>Dalea pulchra</i>	Indigo Bush	Pink, Purple	Winter, early Spring	S	6	5	Su						SD
3	<i>Dalea versicolor</i> v. <i>sessilis</i>	Indigo Bush, Dalea	Purple	Fall to early Spring	S	4	5	Su						SD
2	<i>Dasyliiron acrotiche</i>	Green Desert Spoon	Cream on single erect flower stalk	Summer to Fall	A	4	5	Su						CD
2	<i>Dasyliiron leiophyllum</i>	Green Desert Spoon	Greenish-yellow on single erect flower stalk	Spring	A	4	6	Su						CD
2	<i>Dasyliiron quadrangulatum</i> (<i>D. longissimum</i>)	Toothless Desert Spoon	Greenish and White	Late Spring	A	4	5	Su						CD
2	<i>Dasyliiron texanum</i>	Green Desert Spoon	Creamy White on single erect flower stalk	Late Spring to early Fall	A	5	5	Su						CD
2	<i>Dasyliiron wheeleri</i>	Sotol, Desert Spoon	Tan on erect stems	Mid to late Summer	A	4	5	Su						SD,CD
2	<i>Datura wrightii</i>	Sacred Datura, Jimson Weed, Thorn Apple	White	Late-Spring to early Fall	Gc	3	6	Su	Yes				sh	SD
2	<i>Dicliptera resupinata</i>	Native Licupiera	Purple	Spring to Fall	P	2	3	Su				Yes		SD,CD
2	<i>Digitaria californica</i>	Arizona Cottontop	White	Summer to early Fall	Gr	3	1.5	Su		a				SD,CD
3	<i>Dimorphotheca sinuata</i>	African Daisy, Cape Marigold	Orange, White, Yellow	Winter to Spring	An	0.5	0.5	WI						S. Africa

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	<i>Dodonaea viscosa</i> & varieties	Hopbush	Green, Inconspicuous	Spring to Fall	S	15	12	Su						SD,CD
2	<i>Ebenopsis ebano</i> (<i>Pithecellobium flexicaule</i>)	Texas Ebony	Cream White	Late Spring to Fall	T	30	20	Su					sh	CD
1	<i>Echinocactus grusonii</i>	Golden Barrel	Yellow	Summer	C	3	2	Su						Mex.
1	<i>Echinocereus</i> spp.	Hedgehog, Rainbow Cactus	varies by species, Red, Yellow, Pink, Purple	Spring	C	2	2	Su						CD,SD
1	<i>Echinopsis</i> spp. & varieties	Easter Lily, Sea Urchin Cactus	Pink (various)	Spring to Summer	C	2	2	Su						S. Amer.
1	<i>Encelia californica</i>	California Brittlebush (green)	Yellow	Winter to Spring	S	4	4	WI		c			sh	So. Calif.
1	<i>Encelia farinosa</i>	Brittlebush	Yellow	Early Spring	S	3	3	WI		c			sh	SD
1	<i>Ephedra nevadensis</i>	Ephedra, Mormon Tea	Green inconspicuous	Spring	S	5	4	Su	Yes					SD
3	<i>Eragrostis intermedia</i>	Plains Lovegrass	Light Pink, White	Summer to Fall	Gr	3	1	Su		a				SD,CD
1	<i>Eremophila decipiens</i>	Emu Bush	Dark red	Winter to Spring	S	5	5	Su						Austr.
2	<i>Eremophila hybrid</i>	Summertime Blue	Blue	Spring through Summer	S	6	6	Su, WI					sh	Austr.
2	<i>Eremophila laanii</i> 'pink beauty'	Emu Bush	Pink	Spring	S	8	8	Su, WI					sh	Austr.
2	<i>Eremophila maculata</i> 'valentine'	Valentine Emu Bush	Red	Early to late Spring	S	5	6							Austr.
2	<i>Encarnneria larcifolia</i> & cultivars (<i>haploppapus larcifolius</i>)	Turpentine Bush	Yellow	Fall	S	2-3	2-3	Su						SD
2	<i>Eriogeron divergens</i>	Native Fleabane	White to Lavender	Spring to Summer	GcAn, P	1	2	WI				Yes		SW U.S.

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2	<i>Eriogonum fasciculatum</i> v. <i>poliofolium</i>	Flattop Buckwheat	White to Pink	Summer	S	1.5	2	WI						S. CA, AZ, UT
2	<i>Eriogonum wrightii</i>	Wright Buckwheat	White to Pink	Summer to early Fall	S	1.5	2	WI						SD
1	<i>Eriogonum pulchellum</i>	Fluffgrass	White	Summer and Fall	Gr	.5	.5	Su		a				SD, CD
3	<i>Eschscholtzia californica</i>	California Poppy	Orange, Pale - yellow, occasionally White	Late-Spring	An	2	2	WI						SD
3	<i>Eschscholtzia mexicana</i>	Mexican Gold Poppy	Orange, pale-yellow, occasionally White	Early-Spring	An	1	1	WI						SD
3	<i>Eucalyptus camaldulensis</i>	Red River Gum	Yellow inconspicuous	Winter to Spring	T	120	50	Su		c				Austr.
2	<i>Eucalyptus campaspe</i>	Silver Gimlet	Inconspicuous	Late Winter to Spring	T	35	25	Su		c			sh	Austr.
2	<i>Eucalyptus formanii</i>	Eucalyptus	White	Summer	T	20	20	Su		c				Austr.
2	<i>Eucalyptus leucocylon</i> (rosea)	White Iron Bark	White, Red	Fall to Winter	T	40	30	Su		c				Austr.
2	<i>Eucalyptus microtheca</i>	Tiny Capsule Eucalyptus, Coolibah	Creamy White inconspicuous	Summer	T	35	35	Su		c				Austr.
2	<i>Eucalyptus papuana</i>	Ghost Gum	White inconspicuous	Summer	T	40	25	Su		c			sh	Austr.
2	<i>Eucalyptus polyanthemus</i>	Silver Dollar Gum	Crean-white	Winter	T	40	30	Su		c				Austr.
2	<i>Eucalyptus rudis</i>	Desert Gum			T	100	50	Su		c				Austr.
2	<i>Eucalyptus sargentii</i>	Salt River Mallet	Yellow		T	40	30	Su		c			sh	Austr.
2	<i>Eucalyptus spathulata</i>	Swamp Mallee	Crean and Gold	Summer	T	20	20	Su		c				Aust

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1	Euphorbia antisiphilitica	Wax Plant, Candellila	Creamy White - Red centers	Spring and mid Summer	S	3	3	Su						CD
2	Euphorbia myrsinites	Euphorbia			Gc	1	3	Wf						S. Europe, Cnt. Asia
2	Euphorbia rigida (biglandulosa)	Gopher Plant	Chartreuse	Winter to Spring	A,Sc	2	3	Wf	Yes			Yes		Africa
2	Eysenhardtia orthocarpa	Kidneywood	White	Summer	T	10	10	Su						CD, SD
3	Eysenhardtia texana	Texas Kidneywood	White	Spring to Summer	T	8	8	Su						CD
3	Feijoa sellowiana	Pineapple Guava	White with red stamens	Spring	T,S	15	15	Su						S. Amer.
1	Ferocactus spp.	Barrel Cactus	Varies by species- Yellow, Red, Orange, Purple	Varies Winter through early Fall	C	5	1.5	Su						SD,CD
1	Fouquieria columnaris	Boojum	White	Late Summer to early Fall	T,A	75	1	Wf					sh	Baja
1	Fouquieria macdougalii	Mexican Tree Ocotillo	Red	Spring	S,A	6	4	Su					t	SD
1	Fouquieria splendens	Ocotillo	Red	Mid-Spring	A	15	8	Su						SD,CD
3	Fraxinus greggii	Littleleaf Ash	Inconspicuous Green		T,S	18	15	Su		a				CD
2	Gaillardia aestivalis spp. winkleri	Winkler Gaillardia			P	2	3	Wf					sh	TX
2	Gaillardia pinnatifida	Blanket Flower		Late Spring to early Fall	P	2	2	Wf						SW U.S.
3	Gaillardia pulchella	Fire Wheel, Blanket Flower	Deep Maroon center with Yellow outside edges	Late Spring to early Fall	An	1.5	1.5	Wf						CD
3	Gazania rigens & varieties	Gazania	Orange, Yellow, White	Winter to Spring, Fall	Gc	.5	2	Wf						Africa

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
3	Geliera parviflora	Australian Willow	White	Spring	T	25	20	Su						Austr.
1	Geoffroea (Gourliea) decorticans	Chilean Palo Verde	Yellow	Spring	T	20	15	Su						S. Amer.
1	Glandularia gooddingii (Verbena)	Goodding Verbena	Lavender, Pink	Spring	P	1.5	3	Wf, Sp						SD
3	Glandularia pulchella (V. tenuisecta) (V. tenera)	Moss Verbena, Rock Verbena	Purple	Spring to Fall	P	1	5	Su, Wf			Yes			S. Amer.
2	Gossypium harknessii	Gossypium, Wild Cotton	Yellow	Spring and Fall	S	3	3	Su					t	SD
3	Guaiacum coulteri	Guayacan	Blue-Purple	Spring through Summer	T, S	12	10	Su					sh	SD
1	Gutierrezia sarothrae	Snakeweed	Yellow	Early Fall	S, P	2	2	Su			Yes			W. U.S., CAN, Mex.
3	Hammelia patens	Texas Firecracker Bush	Red, Orange	Summer	S	10	5	Su					sh	FL, Caribn.
2	Havardia mexicana (Pithecellobium mexicanum)	Mexican Ebony	Creamy Yellow	Spring	T	30	30	Su						SD
2	Havardia pallens (Pithecellobium pallens)	Tenaza	White	Late Spring to Mid-Summer	T	30	12	Su		c			sh	CD
2	Hesperaloe campanulata	Bell Flowering Hesperaloe	Pink	Summer	A	3	3	Su						NM
2	Hesperaloe funifera	Giant Hesperaloe	Creamy White	Summer	A	5	5	Su						CD
2	Hesperaloe nocturna	Night Flowering Hesperaloe	White and Green	Spring to Fall	A	3	3	Su						SD
2	Hesperaloe parviflora & varieties	Red Yucca, Yellow Yucca	Pink, Red, Yellow	Spring and Summer	A	3	4	Su						CD
3	Heteropogon contortus	Tanglehead	Brown	Summer and Fall	Gr	3	2	Su		c	Yes	Yes		SD

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2	Hibiscus coultteri	Yellow Hibiscus, Coulter's Hibiscus	Pale Yellow	late Spring to Fall	S	3	3	Su						SD,CD
2	Hilaria berlandieri	Curly mesquite	Green	late Summer to Fall	Gr	.5	1	Su		b				SD,CD
2	Hilaria nutica	Tobosa grass	Green	Summer to Fall	Gr	2	2	Su		b				SD,CD
2	Hilaria rigida	Big galleta grass	Green	Spring through Fall	Gr	3	1	Su		b				SD,CD
1	Hyptis albida (ernoryii)	Desert Lavender	Purple	Spring through Fall	S	8	8	Su					sh	SD
1	Jatropha cardiophylla	Limberbush	inconspicuous White	Summer	S	3	4	Su						SD
1	Jatropha dioica	Jatropha	inconspicuous	Summer	S	3	3	Su					t	CD
3	Juniperus chinensis and cultivars	Juniper	n/a		T	20	10	Su		b				Asia
3	Juniperus depeana	Alligator Bark Juniper	inconspicuous		T	40	30	Su		a				SD,CD
3	Juniperus sabina	Sabine Juniper	inconspicuous		S	1.5	8	Su		b				AZ
2	Justicia californica and cultivars (Beloperone)	Chuparosa	Red	Spring	S	3	4	Su					sh	SD
2	Justicia carnicans	Red Jacobinia	Red, orange	Fall to Spring	S	5	3	Su					sh	SD
3	Justicia fulvicoma	Mexican Plume	Reddish Orange	Spring and Fall	S	2	3	Su					t	Mex.
3	Justicia spicigera	Firecracker Bush	Orange	Summer to Winter	S	4	4	Su					sh	Mex.
3	Lantana camara and cultivars	Bush Lantana	Orange, Yellow, Red, Pink	Spring to Fall	S	3	4	Su			Yes	Yes	t	U.S., Tropics

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3	Lantana montevidensis	Trailing Lantana	Lavender	Spring to Summer	Gc	1.5	6	Su					t	S. Amer.
1	Larrea tridentata (divaricata)	Cresote Bush, Greasewood	Yellow	Early Spring to Fall	S	8	8	Su						SD,CD
3	Leptochloa dubia	Green Sprangle-Top	Green	Summer	Gr	3	1	Su		a				CD,SD
2	Leucaena retusa	Golden Leadball	Yellow	Spring to Summer	T	20	15	Su					sh	CD
2	Leucophyllum spp. & varieties	Texas Ranger	varies by species Pink, Purple, Lavender, White	Summer humidity	S	3-10	3-10	Su						CD
3	Linum grandiflorum 'Rubrum'	Scarlet Flax	Scarlet	Spring	An	2	1	Wi						N. Africa
3	Linum lewisii	Blue Flax	Bright Blue	Spring	An	2	1	Wi						SD,CD
1	Lophocereus schottii	Sentia	Pink	Spring to Summer	A, C	15	10	Su					sh	SD
1	Lophocereus schottii, ssp. Monstrosus	Totem Pole Cactus	Pink	Spring to Summer	A, C	10	8	Su						Baja
2	Lotus rigidus	Desert Deerweed, Deer Vetch	Yellow and Orange	Spring	Gc,P	1.5	2	Wi						SD
1	Lupinus arizonicus	Lupine	Purple	Winter to Spring	An	1	1	Wi						SD
1	Lupinus sparsiflorus	Desert Lupine	Purple	Late Winter to Spring	An	1	1	Wi						SD
1	Lupinus succulentus	Arroyo Lupine	Deep Blue	Spring	An	2	1	Wi						SD
2	Lycium andersonii	Desert Wolfberry	Lavender, followed by Red berries	Spring	S	6	6	Su						SD
1	Lycium exsertum	Thornbush	White-Purple followed by Red berries	Spring	S	8	8	Su						SD

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1	<i>Lycium fremontii</i>	Wolfberry, Tomatillo	White-Lavender followed by Red berries	Spring	S	10	8	Su						SD
2	<i>Lycium pallidum</i>	Desert Thorn	White, followed by Red berries	Spring	S	3-9	4-6	Su						SD, Mojave D
3	<i>Lysitoma thorbieri</i>	Feather Tree	White	Late Spring	T,S	20	20	Su			Yes	Yes	sh	SD
2	<i>Macfadyena unguis-cati</i>	Cat's Claw Vine	Yellow	Spring	V	30	30	Su			Yes	Yes		U.S.
1	<i>Maireana sedifolia</i>	Pearl Bluebush	Tan inconspicuous		S	2	3						sh	Austr.
2	<i>Malephora crocea</i>	Cocoon, Ice Plant	Copper to red	Late Fall to late Winter	Gc,Sc	1	6	Su						S. Africa
3	<i>Malephora lutea</i>	Rocky Point Ice Plant	Yellow	Nearly all year	Gc, P	8	4	Su					sh	S. Africa
1	<i>Mammillaria</i> spp.	Pin cushion, Fishhook Cactus	Varies by species Cream, Yellow, Red, Pink	Varies by species Spring to Summer	C	0.5	0.5	Su						CD, SD
2	<i>Maytenus phyllanthoides</i>	Mangle Dulce	Green inconspicuous		S	12	12	Su						SD,CD
2	<i>Meibomia leucanthum</i>	Blackfoot Daisy	White	Early Spring to Fall	Gc	2	2	Su			Yes	Yes		SD,CD
2	<i>Merremia aurea</i>	Yellow Morning Glory Vine	Yellow	Summer to Fall	V	25	25	Su					t	SD
2	<i>Mimosa dysocarpa</i>	Velvetpod	Pink, White	Summer	S	6	6	Su			c			SD
3	<i>Mirabilis multiflora</i>	Desert Four O'clock	Hot Pink	Summer to early Fall	Gc,P,V	3	4	Su						U.S.
3	<i>Muhlenbergia capillaris</i>	Regal Mist	Pink	Fall	Gr	3	3	Su						U.S.
3	<i>Muhlenbergia dumosa</i>	Bamboo Munly	Green dries to tan	Spring to Summer	Gr	6	6	Su			a			SD

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2	Muhlenbergia emersleyi	Bullgrass	Purple dries to tan	Fall	Gr	4	4	Su		a				SD
3	Muhlenbergia lindheimeri	Autumn Glow	Yellow dries to tan	Fall	Gr	5	5	Su		a				TX
1	Muhlenbergia porteri	Bush muhly	Pink	Late Summer to Fall	Gr	2	3	Su		a				SD,CD
2	Muhlenbergia rigens	Deer grass	Tan	Summer to Fall	Gr	4	4	Su		a				SD
3	Muhlenbergia rigida	Purple Muhlenbergia	Purple dries to tan	Late Summer to Fall	Gr	5	3	Su		a				SD
3	Myoporum parvifolium	Purple Myoporum	White	Spring to Summer	Gc	0.5	9	Su						Austr.
3	Myrtus communis & varieties	True Myrtle, Roman Myrtle	White	Spring	S	6	5	Su						Medit.
3	Nandina domestica & varieties	Heavenly Bamboo	White followed by Red berries	Spring	S	6	4	Su						Asia
2	Nassella tenuissima	Mexican Feather Grass	Tan	Fall	Gr	3	1	Su		b				CD
2	Nerium oleander & varieties	Oleander	Pink, White, Red, Salmon	Mid-Spring to Fall	S	4-20	5-12	Su	Yes				sh	Asia
1	Nolina beltingii	Belting's Nolina	White		A	3	6	WI						Baja
1	Nolina bigelovi	Beargrass	Cream	Summer	A	6	4	Su						SD
1	Nolina lindheimeriana	Lindheimer's Nolina	White		A	3-4	2-3	Su						TX
1	Nolina matapensis	Tree Beargrass	White	Summer	A	25	6	Su						SD
1	Nolina microcarpa	Beargrass	Greenish White	Summer	A	3	6	Su						SD

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1	<i>Nolina neelsoni</i>	Blue Nolina	Green		A	4-5	6-10	Su						Mex.
1	<i>Nolina parryi</i>	Parry's Beargrass			A	5	5	Su						SD
1	<i>Nolina texana</i>	Bear Grass	White	Late Spring	A	3	3	Su						TX, NM
2	<i>Oenothera berlandieri</i> (speciosa)	Mexican Evening Primrose	Pink	Spring to Fall	Gc, P	1	3	Su, WI			Yes	Yes	sh	CD, TX, Mex.
2	<i>Oenothera caespitosa</i>	White Evening Primrose, Tufted Evening Primrose	White	Spring	Gc, P	1	3	WI, Sp						W. U.S.
2	<i>Oenothera stubbei</i>	Chihuahuan Primrose	Yellow	Summer to Fall	Gc, P	1	2	Su, WI				sh		SD, NE Mex.
2	<i>Olea europaea</i> 'Swan Hill', 'Wilson'	Fruitless non-pollinating Olive	White	Spring	T	30	30	Su						Medit.
1	<i>Olneya tesota</i>	Desert Ironwood, Tesota	Lavender-Pink	Late Spring to early -Summer	T	30	25	Su				sh		SD, CD
1	<i>Opuntia basilaris</i>	Beavertail Prickly Pear	Hot Pink	Mid Spring	C	2	4	Su						SD
1	<i>Opuntia bigelovii</i>	Teddy Bear Cholla	Green	Early Spring	C	6	3	Su						SD
1	<i>Opuntia engelmannii</i>	Engelmann's Prickly Pear	Orange, Yellow	Spring	C	5	6	Su						SW, U.S., Mex.
1	<i>Opuntia ficus-indica</i>	Indian Fig	Yellow	Spring	C	10- 15	15	Su				sh		Mex.
1	<i>Opuntia microdasys</i>	Rabbit Ears Prickly Pear	Yellow	Spring	C	3	6	Su						
1	<i>Opuntia santa rita tubac</i>	Purple Pancake	Yellow	Spring	C	6	4	Su						AZ cultivar
1	<i>Opuntia turpinii</i>	Pinecone Prickly Pear	Pink	Summer	C	3	1	Su						W. Argentina

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1	Opuntia verticillata	Staghorn Cholla	Orange, Red, Yellow	Spring	C	10	6	Su						SD
1	Opuntia violacea macrocentra	Long Spine Prickly Pear	Yellow, Red	Spring to early Summer	C	2	3	Su						SD
1	Opuntia violacea 'Santa Rita'	Santa Rita Prickly Pear	Yellow	Spring	C	4	4	Su						AZ
3	Osteospermum fruticosum	Trailing African Daisy	White, Purple	Winter to Spring	Ge	1	4	Wl		c			sh	Africa
2	Pappophorum mucronulatum	Pappusgrass	White	Spring to early Fall	Gr	3	2	Su		a				SD
2	Parkinsonia praecox (Cercidium)	Palo Brea	Yellow	Spring	T	30	25	Su		b			sh	SD
2	Parkinsonia florida (Cercidium floridum)	Blue Palo Verde	Yellow	Early Spring	T	30	30	Su		b	Yes	Yes		SD
2	Parkinsonia hybrid "Desert Museum"	Desert Museum Palo Verde	Yellow	Spring to Summer	T	30	30	Su		b				SD, CD
1	Parkinsonia microphylla (Cercidium microphyllum)	Littleleaf or Foothill Palo Verde	Yellow	Late Spring	T	20	20	Su		b				SD
1	Parkinsonia x sonorae (Cercidium)	Sonoran Palo Verde	Yellow	Spring	T	20	20	Su		b				SD
2	Passiflora foetida	Passion Flower	White, Purple	Summer	V	10	10	Su			Yes	Yes	sh	SD
1	Pedilanthus macrocarpus	Slipper Flower, Lady's Slipper, Candellilla	Red-Pink	Spring and Fall	A, Sc	3	3	Su	Yes					SD
2	Pennisetum setaceum 'Cupreum'	Purple Fountain Grass	Pink, Purple	Summer	Gr	4	5	Su		b				Africa
2	Penstemon ambiguus	Pink Plains Penstemon	Pink	Summer	P	3	3	Su						W. U.S.
3	Penstemon amphorellae		Blue	Late Spring	P	1	2	Su						Central Mex.

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3	Penstemon baccharifolius	Cutleaf Penstemon	Red-Rose	Summer	P	2	3	Su						CD
3	Penstemon barbatus	Beardtongue Penstemon	Red	Summer to early Fall	P	1	1	Wf						SD,CD
3	Penstemon cardinalis	Cardinal Penstemon	Red	Spring, Summer	P	1	1-2	Wf						TX
3	Penstemon cobaea	Foxglove Penstemon	White-lavender	Spring	P	1	1	Wf						TX?
3	Penstemon eatoni	Firecracker Penstemon	Red	Late Winter to Early Spring	P	1	1	Wf						SD
3	Penstemon fendleri	Fendler Penstemon	Violet	Spring through Summer	P	1	1	Wf						OK, AZ, NM
3	Penstemon grandiflorus	Large Fendler Penstemon	Lavender	Early Summer	P	1	1	Wf						TX
3	Penstemon palmeri	Palmer Penstemon	White, Pink	Spring through Summer	P	2	2	Wf						SW U.S.
3	Penstemon parryi	Parry Penstemon	Pink, Red	Early Spring	P	1	1	Wf			Yes	Yes		SD
3	Penstemon pinitifolius	Pineleaf Penstemon	Red, Orange	Summer	P	1	2	Su						No. AZ, UT
3	Penstemon pseudospectabilis	Canyon Penstemon, Mohave Beardtongue	Rose-purple	Spring to mid-Summer	P	1	1	Wf						SD
3	Penstemon spectabilis	Mojave Penstemon, Royal Penstemon	Blue-purple	Spring to mid-Summer	P	1	1	Wf						CA, N. Baja Mex.
3	Penstemon strictus	Rocky Mountain Penstemon	Blue	Early Summer	P	1	1	Su						W, U.S.
	Penstemon subulatus	Little Beardtongue	Red	Spring	P	1	1	Wf						SD
3	Penstemon superbus	Superb Penstemon, Santa Rita Penstemon	Coral-red	Spring	P	2	2	Wf						CD, SD, N.M.

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3	Penstemon triflorus	Hill Country Penstemon	Rose	Early Spring	P	1	1	Wi						TX
3	Penstemon wrightii	Texas Rose, Wright's Penstemon	Orange-Pink	Spring to Summer	P	1	1	Wi						TX
1	Pentzia incana	Karoo Bush	Yellow	Spring to Summer	Gc	1	3	Su			Yes	Yes		S. Africa
2	Phacelia campanularia	Desert Bluebells, Desert Canterbury Bells	Blue	Early Spring	An	1	1	Wi						SD
2	Phacelia tanacetifolia	Tansy Phacelia	Blue, Purple	Early Spring	An	1	1	Wi						N. Calif., N. Baja
2	Phoenix canariensis	Canary Island Date Palm	Cream, White	Summer	T	60	30	Su		c				Canary Islands
2	Phoenix dactylifera	Date Palm	Insignificant	Summer	T	100	20	Su		c				Asia
3	Phyla nodiflora	Lippia	White	Summer	Gc	.125	0.5	Su					sh	Trop. America
2	Pinus edulis	Piñon Nut Pine	Insignificant		T	25	15	Su		c				NM, Calif, AZ
2	Pinus eldarica	Afghan Pine	Insignificant		T	50	25	Su		c				Asia
2	Pinus halepensis	Aleppo Pine	Insignificant		T	80	60	Su		c				Medit.
2	Pinus monophylla	Singleleaf Piñon Pine	Insignificant		T	25	15	Su		c				Mojave D. N. AZ
2	Pinus pinea	Italian Stone Pine	Insignificant		T	60	50	Su		c				Medit.
3	Pinus roxburghii	Chir Pine	Insignificant		T	80	40	Su		c				Asia
2	Pistacia atlantica	Mt. Atlas Pistache	Insignificant greenish white	Early Summer	T	60	50	Su		c				Medit.

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3	<i>Pistacia atlantica</i> x <i>integerrima</i>	Pistache hybrid (ereb. x <i>integerrima</i>)			T	30	30	Su		c			t	Medit. x Asia
3	<i>Pistacia chinensis</i>	Chinese Pistache	Green (Red leaves) Fall color		T	60	50	Su		c				Asia
2	<i>Pistacia vera</i>	Pistachio			T	30	30	Su		c			t	Asia
2	<i>Pittosporum phillyraeoides</i>	Willow Pittosporum	Yellow	Spring	T	20	15	Su						Austr.
3	<i>Pitosporum tobira</i> & cultivars	Mock Orange	White		S	6	10	Su						Asia
1	<i>Plantago</i> spp.	Indian Wheat	Cream, White	Spring	An	.25-2	0.5	WI						SD,CD
3	<i>Polionintha maderensis</i>	Lavendar Spice	Lavender	Spring through Summer	S	2	2	Su						CD
3	<i>Portulacaria afra</i>	Elephant Food	Pink inconspicuous	rarely blooms in U.S.	Sc	12	12	Su, WI					t	S. Africa
2	<i>Prosopis hybrid</i>	South American Mesquite	Light Yellow	Spring	T	40	40	Su		b				S. Amer.
2	<i>Prosopis glandulosa</i> & varieties	Texas Honey Mesquite	Creamy Yellow	Spring	T	30	30	Su		b				CD
2	<i>Prosopis pubescens</i>	Screwbean Mesquite	Yellow	Spring	T	20	20	Su		b				SD,CD
2	<i>Prosopis velutina</i> (<i>juiflora</i>)	Velvet Mesquite	Yellow	Spring	T	30	30	Su		b				SD
1	<i>Psilostrophe cooperi</i>	Paper Flower	Yellow	Spring and Summer	P	2	2	WI						SD,CD
1	<i>Psilostrophe tagetina</i>	Paper Flower	Yellow	Spring and Summer	P	2	2	WI						SD,CD
3	<i>Punica granatum</i> & varieties	Pomegranate	Dark Orange, Red	Summer	T,S	20	15	Su						India

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3	Pyracantha & varieties	Pyracantha (red berried types)	White followed by Red berries	Spring	S	20	12	Su						Asia
3	Quercus arizonica	Arizona White Oak	Green Inconspicuous		T	60	30	Su		b				SD, CD
3	Quercus buckleyi (Q. texana)	Texas Red Oak	Green Inconspicuous; Red Fall Color		T	30	30	Su		b				W. TX
3	Quercus emoryi	Emory Oak	Green inconspicuous		T	50	40	Su		b				SD, CD
3	Quercus fusiformis	Escarpment Live Oak	Green Inconspicuous		T	50	50	Su		b				W. TX
3	Quercus gambelii	Gambel Oak	Green Inconspicuous		T, S	30	15	Su		b				SW U.S.
3	Quercus illex	Holly Oak	Green inconspicuous		T	50	50	Su		b				Medit.
3	Quercus muhlenbergia	Chinquapin Oak	Green inconspicuous, Orange and		T	30	30	Su		b				W. TX
3	Quercus polymorpha	Monterey Oak	Green Inconspicuous		T	80	60	Su		b				W. TX
3	Quercus suber	Cork Oak	Green Inconspicuous		T	60	40	Su		b				Medit.
2	Quercus turbinella	Shrub Live Oak	Green inconspicuous		S	10	10	Su		b				W. U.S.
3	Quercus virginiana	Live Oak	Green Inconspicuous		T	50	50	Su		b				SE U.S.
2	Rhus microphylla	Littleleaf Sumac	White, Red Fall Color	Spring before leaves	S	10	10	Su		c				CD, SD
2	Rhus ovata	Sugar Bush, Sugar Sumac	Pink & White followed by small red fruit	Spring	S	15	15	Wf		c				Calif., AZ
2	Rhus trilobata & varieties	Three Leaf Sumac, Skunk, Bush	Inconspicuous, small red fruit, Fall color	Spring	S	5	8-10	Su		c				Can., U.S., Mex.

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2	Rhus virens	Evergreen Sumac	White followed by showy berries	Spring	S	12	12	Su	Yes	c				CD, SD
3	Rosa banksiae	Lady Banks Rose, Tombstone Rose	White, Yellow	Spring	S, Gc, V	20	20	Su						China
2	Rosmarinus officinalis & varieties	Rosemary	Blue	Spring and Fall	S	3	8	Su						Medit.
3	Ruellia brittoniana & varieties	Dwarf Ruellia	Blue, White	Throughout warm season	Gc	6	12	Su					sh	Mex.
2	Ruellia californica	Sonoran Desert Ruellia	Blue, Purple	Late Spring to Fall	S	4	4	Su					sh	SD
2	Ruellia peninsularis	Baja Ruellia	Blue, purple	Spring to Summer	S	4	4	Su					sh	SD
2	Ruschia uncinatus	Ruschia	Pink	Summer	Gc, Sc	1.5	1.5	Su						S. Africa
2	Salvia chamaedryoides	Blue Chihuahuan Sage	Cobalt blue	Spring and Fall	S	2	2	Su						CD
2	Salvia clevelandii	Cleveland Sage	Blue	Late Spring to Summer	S	5	5	Wf						S. CA, Baja
3	Salvia columbariae	Chia	Blue	Spring	An	.5	.25	Wf						SD
2	Salvia dorri v. dorri	Mojave Sage	Blue-violet	Late Winter and Spring	S	2	2	Wf						MD
3	Salvia farinacea	Mealy Cup Sage, Texas Violet	Violet, Blue, White	Spring to early Fall	S	1	1	Su						CD
3	Salvia greggii	Red Chihuahuan Sage, Autumn Sage	Red, Hot Pink, Purple, White	Spring to Summer	S	3	3	Su						CD
2	Salvia hybrid (S. dorri x S. clevelandii x S. mojaviensis)	Trident, Carl Nielson Sage	Cobalt Blue	Spring	S	3	3	Wf						SD hybrid
3	Salvia leucantha	Purple Mexican Bush Sage	Purple	Spring to Fall	S	4	4	Su					sh	Mex.

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2	<i>Salvia mohavensis</i>	Mohave Sage	Lavender	Spring to mid-Summer	S	3	3	WI						SD, MD
3	<i>Sambucus nigra</i> spp. <i>Cerulea</i> (<i>S. mexicana</i>)	Mexican Elderberry	Creamy/White	Winter and Spring	T	30	20	WI						SD, CD
2	<i>Santolina chamaecyparissus</i>	Lavender Cotton	Yellow/ silvery foliage	Spring	S, Gc	2	3	WI						Medit.
3	<i>Santolina virens</i>	Green Santolina	Creamy Yellow	Spring	S, Gc	2	2	WI						Medit.
3	<i>Sapindus saponaria saponaria</i>	Soapberry	Creamy White	Late Spring	T	30	30	Su	Yes				sh	Mex.
2	<i>Sapindus saponaria drummondii</i>	Soapberry	Creamy White	Late Spring	T	30	30	Su	Yes					SD, CD
3	<i>Schinus molle</i>	California Pepper Tree	Yellow-white (insignificant)	Summer	T	40	45	Su		b				S. Amer.
2	<i>Senecio cineraria</i>	Dusty Miller, Silver Plant	Yellow/silvery foliage	Spring	P	2	2	WI	Yes					Medit.
1	<i>Senna covesii</i> (Cassia)	Desert Senna	Yellow	Late Spring to early Fall	P	1	1	Su						SD
2	<i>Senna lindheimeriana</i> (Cassia)	Senna	Yellow	Summer to Fall	S	3	2	WI					sh	CD
1	<i>Senna purpurea</i> (Cassia)	Baja Senna	Yellow	Winter to Spring	S	6	5	WI					sh	Baja
2	<i>Senna wislizenii</i> (Cassia)	Cassia, Shrubby Senna	Yellow	Summer	S	8	8	Su						SD, CD
2	<i>Sesuvium verrucosum</i>	Sea Purslane, Ice Plant	Pink	Early Spring to Fall	Gc	0.5	3	Su					t	Africa
1	<i>Simmondsia chinensis</i> & varieties	Jojoba, Goat Nut	Green inconspicuous	Spring	S	8	8	WI		a				SD
2	<i>Sophora secundiflora</i> & varieties	Texas Mountain Laurel	Purple to Lavender	Spring	T, S	25	15	Su	Yes					CD

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2	Sphaeralcea ambigua & varieties	Globe Mallow	Orange, White, Red, Purple, Lavender	Early Spring and Fall	P	3	3	Wf						SD
1	Sporobolus airoides	Alkali Sacaton	White	Summer	Gr	5	3	Su		a				SD,CD
1	Sporobolus contractus	Spike Dropseed	White	Summer to Fall	Gr	3	1	Su		a				SD,CD
3	Sporobolus cryptandrus	Sand Dropseed	White		Gr	2	1	Su		a				SD,CD
2	Sporobolus flexuosus	Mesa Dropseed	White	Summer to early Fall	Gr	3	1	Su		a				SD,CD
3	Sporobolus wrightii	Big Sacaton	Green	Late Summer to Fall	Gr	5	4	Su		a				SD,CD
1	Stenocereus thurberi (Lemaitreocereus)	Organ Pipe Cactus	White, Purple	Summer	C	15	12	Su					t	SD
1	Stenocereus marginatus (pachycereus)	Mexican Fence Post	Pink or Red outside- whitish inside	Mid-Spring	A, C	12	1	Su					sh	Mex.
3	Tagetes lemmoni	Mountain Marigold	Orange, Yellow	Spring and Fall	P	3	6	Su						SD
2	Tecoma stans v. angustata	AZ Yellow Bells	Yellow	Late Spring to Fall	S	10	8	Su					sh	SD,CD
3	Tecomaria capensis	Cape Honeysuckle	Orange	Late Fall to Winter	S,V	8	6	Su					sh	Africa
2	Tetranneuris acaulis (Hymenoxys)	Angelita Daisy	Yellow	All Year, heaviest in Spring	P	1	1	Su						SW,U.S.
2	Teucrium chamaedrys (prostratum)	Prostrate Germander	Lavender	Spring and Summer	Gc	1	2	Su	Yes					Medit.
2	Teucrium fruticans	Bush Germander	Blue or Lavender	Spring to Fall	S	8	8	Su						Medit.
2	Thymophylla pentachaeta (Dyssodia)	Golden Dyssodia, Golden Fleace	Yellow	Late Spring to Fall	Gc	0.5	0.5	Su, Wf						SD,CD

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2	<i>Thymophylla acerosa</i> (<i>Dyssodia</i>)	Scrubby Dogweed	Yellow	Late Spring to early Fall	Gc	.5	.5	Su						SD,CD
2	<i>Trichloris crotta</i>	Two-feather Trichloris	White dries to Tan - reddish highlights	Late Spring to Fall	Gr	3	1	Su		a				SD,CD
2	<i>Trichocereus</i> & varieties	Trichocereus Cactus	White, Yellow, Orange, Red	Varies by variety Spring, Summer, Fall	C	1-1.5	1-5	Su						S. Amer., Argentina
2	<i>Tridens muticus</i>	Slim Tridens	White	Spring to Fall	Gr	1.5	0.5	Su		b				SD,CD
2	<i>Trixis californica</i>	Trixis	Yellow	Spring	S	3.5	3.5	Su					sh	CA to TX
3	<i>Ungnadia speciosa</i>	Mexican Buckeye	Rose-pink	Spring	T	12	12	Su						CD
2	<i>Vauquelinia californica</i> & varieties	Arizona Rosewood	White	Spring to Summer	T,S	25	15	Su						SD
2	<i>Vauquelinia corymbosa</i> & varieties	Mexican Rosewood	White inconspicuous	Spring	S	15	20	Su						TX, Mex.
3	<i>Verbena peruviana</i>	Peruvian Verbena	Pink, Blue, Purple	Spring to Fall	P	0.2	3	Su						S. Amer.
3	<i>Verbena rigida</i>	Sandpaper Verbena	Purple	Summer to Fall	Gc,P	2	4	Su			Yes			S. Amer.
3	<i>Verbena tenuisecta</i> 'Edith'	Moss Verbena	Lavender, Purple	Spring	Gc,P	1-2	4-5	Su, Wf			Yes			S. Amer.
2	<i>Verbesina encelioides</i>	Crown Beard	Yellow	Spring	An	3	3	Wf			Yes			SD,CD
2	<i>Viguiera parishii</i> (V deltoidea)	Goldeneye	Yellow	Spring, Late Summer	P	3	3	Wf, Su						SD
3	<i>Viguiera stenoloba</i>	Skeleton-leaf Goldeneye	Yellow	Summer to Fall	S	4-6	3-4	Su					sh	TX, NM, No. Mex.
2	<i>Vitex agnus-castus</i>	Chaste Tree, Monk's Pepper	Blue	Summer to Fall	T,S	25	25	Su						Medit.

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2	Washingtonia filifera	California Fan Palm	Cream	Summer	T	45	15	Su		c		Yes		SD
2	Washingtonia robusta	Mexican Fan Palm	Cream	Summer	T	75	10	Su		c		Yes	sh	SD
3	Wedelia texana and cultivars (Zexmenia hispida)	Rough Zexmenia, Devil's River	Orange, Yellow	Spring through Fall	S	2-3	2-4	Su				Yes	sh	SW U.S., TX
3	Xylosma congestum	Xylosma	Insignificant	Spring	T,S	15	15	Su						China
2	Yucca aloifolia	Spanish Bayonet Yucca	White	Spring to Summer	A	10	5	Su						SD
1	Yucca baccata	Banana Yucca	White	Late Spring to Summer	A	3	5	Su						SD,CD
2	Yucca baileyi		White	Summer	A	4	2	Su						CO, UT
1	Yucca brevifolia	Joshua Tree	White, Green	Late Winter to early Spring	A	20	20	Wf						S. Calif, S.W. Utah
2	Yucca constricta	Buckley Yucca	White	Spring through Summer	A	5	5	Su						TX
2	Yucca elata	Soaptree Yucca	White	Late Spring to Summer	A	20	8	Su						SD,CD
2	Yucca faxoniana (Y. carnerosana)	Giant Dagger Yucca	White	Summer	A	15	4	Su						CD
2	Yucca filifera (australis)	St. Peter's Palm	White		A	2.5	4	Su						Mex.
2	Yucca glauca	Soapweed Yucca	White	Summer	A	3	3	Su						U.S.
2	Yucca harrimaniae	Harriman's Yucca	White	Mid-Summer	A	6-22	18	Su						SW U.S.
2	Yucca pallida	Paleleaf yucca	White	Late Spring	A	2	2	Su						TX

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2	Yucca rigida	Mexican Blue Dagger Yucca	White	Summer	A	12	5	Su						CD
2	Yucca rostrata	Beaked Yucca	White	Summer	A	12	9	Su						CD
2	Yucca schidigera	Mojave Yucca	White	Spring	A	9-15	4-6	Su						W. U.S., Mex.
2	Yucca schottii	Mountain Yucca	White	Early Summer	A	15	4	Su						SD
2	Yucca thompsoniana	Thompson Yucca	White	Early Summer	A	10	5	Su						SW TX
2	Yucca torreyi	Torrey's Yucca	White	Spring	A	8-15	6	Su						TX, NM, No. Mex.
1	Yucca treculeana	Spanish Dagger, Palma Pita	White	Spring	A	20	?	Su						CD, W. TX
1	Yucca whipplei	Our Lord's Candle	White & Purple	Once (Early-Spring)	A	3	6	Su						SD
3	Zauschneria californica & varieties	Hummingbird Trumpet	Red, Orange	Summer and Fall	Gc	2	2	Su						SD
3	Zephyranthes spp. & varieties	Rain Lily	varies by species- White, Rose, Pink	Summer	Gc, P	1	1.5	Su						S. Africa
1	Zinnia acerosa	Desert Zinnia	White-orange centers	Late Spring to Fall	P	1	1	Su						SD, CD
2	Zinnia grandiflora	Prairie Zinnia	Yellow, Orange	Summer to Fall	P	1	1	Su						SE, AZ, NM
2	Zizyphus jujuba	Chinese Date, Common Jujube	Yellow-white	Spring	T	40	30	Su				Yes		Asia