

Arizona Department of Water Resources

## Santa Cruz Active Management Area

### Low-Water-Use/Drought-Tolerant Plant List

# Low-Water-Use/ Drought-Tolerant Plant List



## Official Regulatory List for the Santa Cruz Active Management Area Fourth Management Plan

Arizona Department of Water Resources

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## **Official Regulatory List for the Santa Cruz Active Management Area Fourth Management Plan**

The Santa Cruz Active Management Area (SCAMA) Low-Water-Use/Drought-Tolerant Plant List was prepared by the Arizona Department of Water Resources (ADWR) in cooperation with experts from various municipal, nursery and landscape specialists.

**Cover Photo:** *Echinocereus mojavensis* (Engelm. & J.M. Bigelow) Rümpler at Joshua Tree National Park. Photo by Gary Garret, image retrieved from the National Park Service website:

[https://www.nps.gov/jotr/learn/nature/echinocereus\\_mojavensis.htm](https://www.nps.gov/jotr/learn/nature/echinocereus_mojavensis.htm)

### **A Resource for Regulated Water Users**

The use of low-water-use/drought-tolerant plants is required in public rights-of-way and in other instances as described in the SCAMA Fourth Management Plan<sup>1</sup> (4MP). The Low-Water-Use/Drought-Tolerant Plant List was developed to inform regulated water users when selecting landscaping plants that meet these requirements. Following are the sections in the SCAMA 4MP in which the list is referenced:

- Section 5-601(4) and (42) Definitions, Low Water Use/Drought Tolerant Plant List for the SCAMA and Water-intensive Landscaped Area
- Section 5-609(A)(2), Individual User Requirements for Municipal Providers and Individual Users, requirements for public rights-of way
- Section 6.3.1, All Industrial Users Conservation Program Description
- Section 6.3.2, Additional Conservation Requirements for Turf-Related Facilities
- Section 6-601(6), Definitions, Low Water Use/Drought Tolerant Plant List for the SCAMA
- Section 6-602(4) and (5), Conservation Requirements
- Section 6-603(A)(6), Monitoring and Reporting Requirements
- Section 6-701(10) and (19), Definitions, Low water use landscaped area and Turf acres
- Section 6-702(C)(2), Conservation Requirements for Turf-Related Facilities
- Section 6-704(B)(2)(a), Allotment Additions, Revegetation Addition for Turf-Related Facilities
- Section 6-901(5)(a), Definitions, Water-intensive Landscaped Area
- Section 6-903(3), Monitoring and Reporting Requirements

### **A Resource for Communities, Residents and Businesses**

The Low-Water-Use/Drought-Tolerant Plant List is also a resource for communities, residents and businesses that are interested in conserving water through low-water-use landscaping. Plants on the SCAMA list can be grown in the Santa Cruz 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 in the SCAMA list can grow with less water than traditional high-water-use landscape plants.

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<sup>1</sup> The 1980 Groundwater Code requires the preparation of a series of water management plans for each AMA that includes mandatory conservation programs. The SCAMA 4MP will be Adopted in 2020.

### **Request to Waive the Requirement or Modify the List**

Pursuant to the SCAMA 4MP sections 5-609(A)(2) and 6-602(5), the ADWR Director may waive the requirement to use plants on the Low-Water-Use/Drought-Tolerant Plant List if the water user demonstrates to the satisfaction of the Director that the plants on the list cannot grow in a publicly owned right-of-way because of high elevation or low light conditions, such as a freeway underpass. Those who wish to request a **waiver** of the list should submit their request in writing or by email to the ADWR Director including the following information:

1. Description of the location of the publicly owned right-of-way
2. Map showing the location of the right-of-way and the place where plants will be located
3. Botanical and common name of the plant under consideration
4. Description of plant's water needs, including references

Additionally, anyone wishing to add, delete or **modify** information on the list is encouraged to submit their request to the ADWR Director in writing or email.

**Waiver** and **modification** requests can be sent to:

Lori Cason, AMA Section  
Arizona Department of Water Resources  
1110 W. Washington St, Suite 310  
Phoenix, AZ 85007  
llcason@azwater.gov

## Definitions and Key to Symbols

### Watering Depth

All the plants on the Low-Water-Use/Drought-Tolerant Plant List use low water amounts. Plants should be watered to their root depth:

- Mature trees should be watered to a depth of 24" to 36"
- Mature shrubs should be watered to a depth of 18" to 24"
- Mature groundcovers, vines, and succulents should be watered to a depth of 8" to 12"

Additional Watering Depth Considerations:

- Most plants require regular irrigation during the first 2 to 3-year establishment period.
- Winter growers will require less frequent irrigation due to cooler temperatures.
- 0.62 gallons of water is equivalent to one inch of precipitation on one square foot of soil.
- Average annual rainfall in Nogales is approximately 19"; in low rainfall years, the plants on the list may need additional irrigation to maintain good appearance and plant health.

### Water Use (H<sub>2</sub>O Use)

Water-use Categories (for established plants during the growing season):

**1 = Very low:** trees/shrubs/succulents - water every 3-4 weeks  
vines/groundcover - water every 2-3 weeks

**2 = Low:** trees/shrubs/succulents - water every 2-3 weeks  
vines/groundcover - water every 1-2 weeks

**3 = Moderate:** trees/shrubs/succulents - water every 1-2 weeks  
vines/groundcover - water once a week

**Plant Type:** Based on growth form and general shape of the plants. The plant type categories in this list are: annual, cactus, grass, groundcover, perennial flower, shrub, succulent, tree, and vine. Some plants may belong to multiple plant type categories.

**Origin:** The location(s) that the plant originated in and is native or endemic to.

**Height (Ht) & Width (Wt):** Average size of a mature plant in normal landscape conditions. Height and width are in feet, unless noted differently.

**Bloom Season:** Time of year when the plant blooms.

**Flower Color:** Dominant blossom colors.

**Cold Tolerance (Cold Tol):** The lowest temperature in degrees Fahrenheit that the plant is known to tolerate before suffering serious injury or death. Hardiness can vary with a plant's age, health, location and how long the temperature remains below freezing.

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| ANNUAL               |                                                 |                                         |                                    |           |         |                           |                             |          |                                     |
|----------------------|-------------------------------------------------|-----------------------------------------|------------------------------------|-----------|---------|---------------------------|-----------------------------|----------|-------------------------------------|
| H <sub>2</sub> O Use | Botanical Name                                  | Common Name(s)                          | Origin                             | Ht (ft)   | Wt (ft) | Bloom Season              | Flower Color                | Cold Tol | Comments                            |
| 1                    | <i>Dieteria bigelovii</i>                       | Bigelow's Tansyaster, Purple Aster      | Sonoran Desert                     | 1-3       | 0.5     | Late Summer to early Fall | Blue                        | 0        | Petals tinged with red.             |
| 2                    | <i>Erigeron divergens</i>                       | Spreading Fleabane, Native Fleabane     | Southwest U.S.                     | 1         | 2       | Spring to Summer          | White, White Purple         | -20      | Also considered a perennial flower. |
| 3                    | <i>Eschscholzia californica</i>                 | California Poppy                        | Sonoran Desert                     | 2         | 2       | Late Spring               | Orange, Yellow              | 20       |                                     |
| 3                    | <i>Eschscholzia californica subsp. mexicana</i> | Mexican Gold Poppy                      | Sonoran Desert                     | 1         | 1       | Early Spring              | Yellow, Orange, White, Pink | 20       |                                     |
| 3                    | <i>Gaillardia pulchella</i>                     | Indian Blanket, Fire Wheel              | Chihuahuan Desert                  | 1.5       | 1.5     | Late Spring to early Fall | Red-Orange-Yellow           | 15       |                                     |
| 3                    | <i>Linum grandiflorum 'Rubrum'</i>              | Scarlet Flax, Red Flax                  | Northern Africa                    | 2         | 1       | Spring                    | Red                         |          | Fragrant flowers.                   |
| 2                    | <i>Linum lewisii</i>                            | Lewis Flax, Blue Flax                   | Sonoran Desert, Chihuahuan Desert  | 2         | 1       | Spring                    | Blue                        | -30      |                                     |
| 1                    | <i>Lupinus arizonicus</i>                       | Arizona Lupine, Lupine                  | Sonoran Desert                     | 1         | 1       | Winter to Spring          | Purple                      | 28       |                                     |
| 1                    | <i>Lupinus sparsiflorus</i>                     | Coulter's Lupine, Desert Lupine         | Sonoran Desert                     | 1         | 1       | Late Winter to Spring     | Purple                      | 28       |                                     |
| 1                    | <i>Lupinus succulentus</i>                      | Hollowleaf Annual Lupine, Arroyo Lupine | Sonoran Desert                     | 2         | 1       | Spring                    | Blue                        | 25       |                                     |
| 1                    | <i>Machaeranthera tanacetifolia</i>             | Tanseyleaf Tansyaster, Purple Aster     | Sonoran Desert, Chihuahuan Desert  | 1.5       | 0.5     | Summer to Fall            | Purple                      | 0        | Single, erect flower stalk.         |
| 2                    | <i>Phacelia campanularia</i>                    | Desertbells, Desert Bluebells           | Sonoran Desert                     | 1         | 1       | Early Spring              | Blue                        | 10       |                                     |
| 2                    | <i>Phacelia tanacetifolia</i>                   | Lacy Phacelia, Tansy Phacelia           | California, Baja California Mexico | 1         | 1       | Early Spring              | Blue, Purple                | 10       |                                     |
| 1                    | <i>Plantago spp.</i>                            | Indianwheat                             | Sonoran Desert, Chihuahuan Desert  | 0.08-0.33 | 0.5     | Spring                    | Cream, White                |          |                                     |
| 3                    | <i>Salvia columbariae</i>                       | Chia                                    | Sonoran Desert                     | 0.5       | 0.25    | Spring                    | Blue                        | 32       |                                     |
| 2                    | <i>Verbesina encelioides</i>                    | Golden Crownbeard, Crownbeard           | Sonoran Desert, Chihuahuan Desert  | 3         | 3       | Spring                    | Yellow                      |          |                                     |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| CACTUS               |                                   |                                                 |                                   |         |         |                                           |                                  |          |          |
|----------------------|-----------------------------------|-------------------------------------------------|-----------------------------------|---------|---------|-------------------------------------------|----------------------------------|----------|----------|
| H <sub>2</sub> O Use | Botanical Name                    | Common Name(s)                                  | Origin                            | Ht (ft) | Wt (ft) | Bloom Season                              | Flower Color                     | Cold Tol | Comments |
| 1                    | <i>Carnegiea gigantea</i>         | Saguaro                                         | Sonoran Desert                    | 50      | 25      | Early Summer                              | White                            | 15       |          |
| 1                    | <i>Cereus hildmannianus</i>       | Hedge Cactus, Hildmann's Cereus                 | South America                     | 20      | 10      | Night blooming in Summer                  | White                            | 25       |          |
| 1                    | <i>Cylindropuntia bigelovii</i>   | Teddybear Cholla                                | Sonoran Desert                    | 6       | 3       | Early Spring                              | Green                            | 15       |          |
| 1                    | <i>Cylindropuntia versicolor</i>  | Staghorn Cholla                                 | Sonoran Desert                    | 10      | 6       | Spring                                    | Orange, Red, Yellow              | 20       |          |
| 1                    | <i>Echinocactus grusonii</i>      | Golden Barrel, Golden Ball Cactus               | Mexico                            | 3       | 2       | Summer                                    | Yellow                           | 10       |          |
| 1                    | <i>Echinocereus spp.</i>          | Hedgehog, Rainbow Cactus                        | Sonoran Desert, Chihuahuan Desert | 2       | 2       | Spring                                    | Red, Yellow, Pink, Purple        | 15       |          |
| 1                    | <i>Echinopsis spp.</i>            | Easter Lily, Sea Urchin Cactus                  | South America                     | 1-15    | 1-5     | Varies by variety<br>Spring, Summer, Fall | White, Pink, Yellow, Orange, Red | 10       |          |
| 1                    | <i>Ferocactus spp.</i>            | Barrel Cactus                                   | Sonoran Desert, Chihuahuan Desert | 5       | 1.5     | Varies Winter through early Fall          | Yellow, Red, Orange, Purple      | 5        |          |
| 1                    | <i>Mamillaria spp.</i>            | Pincushion Cactus, Fishhook Cactus              | Sonoran Desert, Chihuahuan Desert | 0.5     | 0.5     | Varies by species<br>Spring to Summer     | Cream, Yellow, Red, Pink         | 15       |          |
| 1                    | <i>Opuntia basilaris</i>          | Beavertail Pricklypear, Beavertail Cactus       | Sonoran Desert                    | 2       | 4       | Mid Spring                                | Pink                             | 15       |          |
| 1                    | <i>Opuntia engelmannii</i>        | Cactus Apple, Engelmann's Pricklypear           | Southwest U.S., Mexico            | 5       | 6       | Spring                                    | Orange, Yellow                   | 10       |          |
| 1                    | <i>Opuntia ficus-indica</i>       | Barbary Fig, Indian Fig                         | Mexico                            | 10-15   | 15      | Spring                                    | Yellow                           | 15       |          |
| 1                    | <i>Opuntia macrocentra</i>        | Purple Pricklypear, Long Spine Pricklypear      | Sonoran Desert                    | 2       | 3       | Spring to early Summer                    | Yellow, Red                      | 15       |          |
| 1                    | <i>Opuntia microdasys</i>         | Angel's-Wings, Bunny Ears Pricklypear           |                                   | 3       | 6       | Spring                                    | Yellow                           | 20       |          |
| 1                    | <i>Opuntia santa-rita</i>         | Santa Rita Prickly Pear, Purple Pancake         | Arizona                           | 4       | 4       | Spring                                    | Yellow                           | 10       |          |
| 1                    | <i>Opuntia santa-rita 'Tubac'</i> | Santa Rita Prickly Pear 'Tubac', Purple Pancake | Variety/Cultivar                  | 6       | 4       | Spring                                    | Yellow                           | 10       |          |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| CACTUS               |                                 |                                    |           |         |         |              |              |          |                  |
|----------------------|---------------------------------|------------------------------------|-----------|---------|---------|--------------|--------------|----------|------------------|
| H <sub>2</sub> O Use | Botanical Name                  | Common Name(s)                     | Origin    | Ht (ft) | Wt (ft) | Bloom Season | Flower Color | Cold Tol | Comments         |
| 1                    | <i>Tephrocactus articulatus</i> | Pinecone Pricklypear, Spruce Cones | Argentina | 3       | 1       | Summer       | Pink         | 15       | Silvery foliage. |

| GRASS                |                                                 |                                |                                   |         |         |                           |                                 |          |                                |
|----------------------|-------------------------------------------------|--------------------------------|-----------------------------------|---------|---------|---------------------------|---------------------------------|----------|--------------------------------|
| H <sub>2</sub> O Use | Botanical Name                                  | Common Name(s)                 | Origin                            | Ht (ft) | Wt (ft) | Bloom Season              | Flower Color                    | Cold Tol | Comments                       |
| 2                    | <i>Aristida purpurea</i>                        | Purple Three-Awn               | Sonoran Desert, Chihuahuan Desert | 2       | 1       | Spring to early Fall      | Purple                          | 0        |                                |
| 2                    | <i>Bothriochloa barbinodis</i>                  | Cane Bluestem, Cane Beardgrass | Sonoran Desert, Chihuahuan Desert | 3       | 3       | Late Spring to early Fall | Green                           | 0        |                                |
| 2                    | <i>Bouteloua barbata</i> var. <i>rothrockii</i> | Rothrock's Grama               |                                   |         |         | Summer to Fall            |                                 | -40      |                                |
| 2                    | <i>Bouteloua chondrosioides</i>                 | Sprucetop Grama                |                                   |         |         |                           |                                 | -10      |                                |
| 2                    | <i>Bouteloua curtipendula</i>                   | Sideoats Grama                 |                                   | 1.5-2   | 2       | Spring to Fall            | Green                           | -30      |                                |
| 2                    | <i>Bouteloua eriopoda</i>                       | Black Grama                    |                                   |         |         |                           |                                 | -10      |                                |
| 2                    | <i>Bouteloua gracilis</i>                       | Blue Grama, Eyelash Grass      |                                   | 1.5-1   | 1       | Summer to Fall            | Cream, Red                      | -40      |                                |
| 2                    | <i>Bouteloua hirsuta</i>                        | Hairy Grama                    |                                   |         |         | Spring                    |                                 | -40      |                                |
| 2                    | <i>Bouteloua spp.</i>                           | Grama Grass                    | Sonoran Desert, Chihuahuan Desert | 1.5-3   | 1-2     | Summer to Fall            | Green, Pink, Orange, Cream, Red | -10      |                                |
| 3                    | <i>Buchloe dactyloides</i>                      | Buffalograss                   | Chihuahuan Desert                 | 0.5     | 0.5     | Summer to Fall            | Cream, Red, Orange              | -30      |                                |
| 1                    | <i>Dasyochloa pulchella</i>                     | Low Woollygrass, Fluffgrass    | Sonoran Desert, Chihuahuan Desert | 0.5     | 0.5     | Summer and Fall           | White                           | 5        | Red berries.                   |
| 2                    | <i>Digitaria californica</i>                    | Arizona Cottontop, Cottontop   | Sonoran Desert, Chihuahuan Desert | 3       | 1.5     | Summer to early Fall      | White                           | 15       | Flowers may have pink margins. |
| 3                    | <i>Eragrostis intermedia</i>                    | Plains Lovegrass               | Sonoran Desert, Chihuahuan Desert | 3       | 1       | Summer to Fall            | Pink, White                     | -23      |                                |
| 3                    | <i>Heteropogon contortus</i>                    | Tanglehead                     | Sonoran Desert                    | 3       | 2       | Summer and Fall           | Green                           | 15       |                                |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| GRASS                |                                               |                                             |                                   |         |         |                      |              |          |                                                   |
|----------------------|-----------------------------------------------|---------------------------------------------|-----------------------------------|---------|---------|----------------------|--------------|----------|---------------------------------------------------|
| H <sub>2</sub> O Use | Botanical Name                                | Common Name(s)                              | Origin                            | Ht (ft) | Wt (ft) | Bloom Season         | Flower Color | Cold Tol | Comments                                          |
| 2                    | <i>Hilaria belangeri</i>                      | Curly-Mesquite, Curly Mesquite Grass        | Sonoran Desert, Chihuahuan Desert | 0.5     | 1       | Late Summer to Fall  | Green        | 0        |                                                   |
| 2                    | <i>Hilaria mutica</i>                         | Tobosagrass                                 | Sonoran Desert, Chihuahuan Desert | 2       | 2       | Summer to Fall       | Green        | 2        |                                                   |
| 2                    | <i>Hilaria rigida</i>                         | Big Galleta, Big Galleta Grass              | Sonoran Desert, Chihuahuan Desert | 3       | 1       | Spring through Fall  | Green        | 10       |                                                   |
| 3                    | <i>Leptochloa dubia</i>                       | Green Sprangletop,                          | Sonoran Desert, Chihuahuan Desert | 3       | 1       | Summer               | Green        | 5        | Showy.                                            |
| 3                    | <i>Muhlenbergia capillaris</i> 'Mist'         | Regal Mist, Regal Mist Deergrass            | United States                     | 3       | 3       | Fall                 | Pink         | -20      |                                                   |
| 3                    | <i>Muhlenbergia dumosa</i>                    | Bamboo Muhly, Giant Muhly                   | Sonoran Desert                    | 6       | 6       | Spring to Summer     | Green        | 20       |                                                   |
| 2                    | <i>Muhlenbergia emersleyi</i>                 | Bullgrass, Bull Muhly                       | Sonoran Desert                    | 4       | 4       | Fall                 | Purple       | 0        |                                                   |
| 3                    | <i>Muhlenbergia lindheimeri</i> 'Autumn Glow' | Autumn Glow Muhly                           | Texas                             | 5       | 5       | Fall                 | Yellow       | -10      |                                                   |
| 1                    | <i>Muhlenbergia porteri</i>                   | Bush Muhly, Porter's Muhly                  | Sonoran Desert, Chihuahuan Desert | 3       | 2       | Late Summer to Fall  | Pink         | -25      |                                                   |
| 2                    | <i>Muhlenbergia rigens</i>                    | Deergrass, Deer Muhly                       | Sonoran Desert                    | 4       | 4       | Summer to Fall       | Cream        | 10       |                                                   |
| 3                    | <i>Muhlenbergia rigida</i>                    | Purple Muhly, Purple Muhlenbergia           | Sonoran Desert                    | 5       | 3       | Late Summer to Fall  | Cream        | 0        |                                                   |
| 2                    | <i>Stipa tenuissima</i>                       | Finestem Needlegrass, Mexican Feather Grass | Chihuahuan Desert                 | 3       | 1       | Fall                 | Cream        | 0        | Can also be found as <i>Nassella tenuissima</i> . |
| 2                    | <i>Pappophorum mucronulatum</i>               | Whiplash Pappusgrass, Pappusgrass           | Sonoran Desert                    | 3       | 2       | Spring to early Fall | White        |          | Warm-season perennial.                            |
| 2                    | <i>Pennisetum setaceum</i> 'Cupreum'          | Red Fountain Grass, Purple Fountain Grass   | Africa                            | 4       | 5       | Summer               | Pink, Purple | 15       |                                                   |
| 1                    | <i>Sporobolus airoides</i>                    | Alkali Sacaton, Alkali Dropseed             | Sonoran Desert, Chihuahuan Desert | 5       | 3       | Summer               | White        | 0        |                                                   |
| 1                    | <i>Sporobolus contractus</i>                  | Spike Dropseed                              | Sonoran Desert, Chihuahuan Desert | 3       | 1       | Summer to Fall       | White        |          |                                                   |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| GRASS                |                               |                                            |                                   |         |         |                      |              |          |          |
|----------------------|-------------------------------|--------------------------------------------|-----------------------------------|---------|---------|----------------------|--------------|----------|----------|
| H <sub>2</sub> O Use | Botanical Name                | Common Name(s)                             | Origin                            | Ht (ft) | Wt (ft) | Bloom Season         | Flower Color | Cold Tol | Comments |
| 3                    | <i>Sporobolus cryptandrus</i> | Sand Dropseed                              | Sonoran Desert, Chihuahuan Desert | 2       | 1       |                      | White        |          |          |
| 2                    | <i>Sporobolus flexuosus</i>   | Mesa Dropseed                              | Sonoran Desert, Chihuahuan Desert | 3       | 1       | Summer to early Fall | White        | -3       |          |
| 3                    | <i>Sporobolus wrightii</i>    | Big Sacaton, Big Alkali Sacaton            | Sonoran Desert, Chihuahuan Desert | 5       | 4       | Late Summer to Fall  | Green        | -30      |          |
| 2                    | <i>Trichloris crinita</i>     | False Rhodes Grass, Two-Feather Trichloris | Sonoran Desert, Chihuahuan Desert | 3       | 1       | Late Spring to Fall  | White        |          |          |
| 2                    | <i>Tridens muticus</i>        | Slim Tridens                               | Sonoran Desert, Chihuahuan Desert | 1.5     | 0.5     | Spring to Fall       | White        | 25       |          |

| GROUNDCOVER          |                                              |                                              |                                   |         |         |                           |                       |          |                     |
|----------------------|----------------------------------------------|----------------------------------------------|-----------------------------------|---------|---------|---------------------------|-----------------------|----------|---------------------|
| H <sub>2</sub> O Use | Botanical Name                               | Common Name(s)                               | Origin                            | Ht (ft) | Wt (ft) | Bloom Season              | Flower Color          | Cold Tol | Comments            |
| 1                    | <i>Achnatherum hymenoides</i>                | Indian Ricegrass                             | Sonoran Desert, Chihuahuan Desert | 2       | 2       | Spring                    | Green                 | 10       | Flowers dry to tan. |
| 3                    | <i>Calylophus hartwegii</i>                  | Hartweg's Sundrops, Calylophus               | Sonoran Desert, Chihuahuan Desert | 1.5     | 3       | Spring to Summer          | Yellow                | 0        | Silvery foliage.    |
| 2                    | <i>Cathastecum erectum</i>                   | False Grama                                  | Sonoran Desert                    | 0.5     | 1       | Summer                    | Green                 | 7        |                     |
| 2                    | <i>Cephalophyllum alstonii</i> 'Red Spike'   | Red Spike Ice Plant                          | Southern Africa                   | 0.5     | 1.5     | Winter to Spring          | Red, Purple           | 15       |                     |
| 3                    | <i>Convolvulus mauritanicus</i>              | Ground Morning Glory, Bindweed               | Africa                            | 0.5     | 2       | Spring and Summer         | Blue, Violet          | 15       |                     |
| 3                    | <i>Dalea capitata</i>                        | Yellow Dalea                                 | Mexico                            | 1       | 3       | Spring and Fall           | Yellow                | 15       |                     |
| 2                    | <i>Dalea greggii</i>                         | Gregg's Prairie Clover, Trailing Indigo Bush | Chihuahuan Desert                 | 2       | 9       | Spring to Summer          | Pink, Purple          | 15       |                     |
| 2                    | <i>Euphorbia myrsinites</i>                  | Myrtle Spurge, Euphorbia                     | Europe, Asia                      | 1       | 3       |                           |                       | 10       |                     |
| 3                    | <i>Gazania rigens</i>                        | Treasure-Flower, Trailing Gazania            | Africa                            | 0.5     | 2       | Winter to Spring and Fall | Orange, Yellow, White | 20       |                     |
| 3                    | <i>Gazania rigens</i> var. <i>leucolaena</i> | Trailing Gazania                             | Africa                            |         |         |                           |                       | 20       |                     |
| 2                    | <i>Melampodium leucanthum</i>                | Plains Blackfoot, Blackfoot Daisy            | Sonoran Desert, Chihuahuan Desert | 2       | 2       | Early Spring to Fall      | White                 | 15       |                     |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| GROUND COVER         |                                         |                                                |                                     |         |         |                           |                  |          |                |
|----------------------|-----------------------------------------|------------------------------------------------|-------------------------------------|---------|---------|---------------------------|------------------|----------|----------------|
| H <sub>2</sub> O Use | Botanical Name                          | Common Name(s)                                 | Origin                              | Ht (ft) | Wt (ft) | Bloom Season              | Flower Color     | Cold Tol | Comments       |
| 3                    | <i>Myoporum parvifolium</i>             | Slender Myoporum, Purple Myoporum              | Australia                           | 0.5     | 9       | Spring to Summer          | White            | 25       |                |
| 2                    | <i>Oenothera stubbei</i>                | Saltillo Evening Primrose, Chihuahuan Primrose | Sonoran Desert, Northeastern Mexico | 1       | 2       | Summer to Fall            | Yellow           | 17       |                |
| 3                    | <i>Osteospermum fruticosum</i>          | Shrubby Daisybush, Trailing African Daisy      | Africa                              | 1       | 4       | Winter to Spring          | White, Purple    | 20       |                |
| 1                    | <i>Pentzia incana</i>                   | African Sheepbush, Karoo Bush                  | Southern Africa                     | 1       | 3       | Spring to Summer          | Yellow           | 10       |                |
| 3                    | <i>Phyla nodiflora</i>                  | Turkey Tangle Fogfruit, Lippia                 | Tropic America                      | 0.125   | 0.5     | Summer                    | White            | 15       |                |
| 3                    | <i>Ruellia coerulea</i>                 | Britton's Wild Petunia, Purple Ruellia         | Mexico                              | 6       | 12      | Throughout warm season    | Blue, White      | 15       |                |
| 2                    | <i>Teucrium chamaedrys 'Prostratum'</i> | Prostrate Germander, Creeping Germander        | Mediterranean                       | 1       | 2       | Spring and Summer         | Lavender         | -20      | Showy flowers. |
| 2                    | <i>Thymophylla acerosa</i>              | Pricklyleaf Dogweed, Scrubby Dogweed           | Sonoran Desert, Chihuahuan Desert   | .5      | .5      | Late Spring to early Fall | Yellow           | 10       |                |
| 2                    | <i>Thymophylla pentachaeta</i>          | Fiveneedle Pricklyleaf, Golden Dyssodia        | Sonoran Desert, Chihuahuan Desert   | 0.5     | 0.5     | Late Spring to Fall       | Yellow           | 10       |                |
| 3                    | <i>Verbena tenuisecta 'Edith'</i>       | Moss Verbena, Verbena                          | South America                       | 1-2     | 4-5     | Spring                    | Lavender, Purple |          |                |
| 3                    | <i>Zauschneria californica</i>          | Hummingbird Trumpet, Hummingbird Flower        | Sonoran Desert                      | 2       | 2       | Summer and Fall           | Red, Orange      | 20       |                |

| PERENNIAL FLOWER     |                            |                                            |                |         |         |                        |                     |          |          |
|----------------------|----------------------------|--------------------------------------------|----------------|---------|---------|------------------------|---------------------|----------|----------|
| H <sub>2</sub> O Use | Botanical Name             | Common Name(s)                             | Origin         | Ht (ft) | Wt (ft) | Bloom Season           | Flower Color        | Cold Tol | Comments |
| 3                    | <i>Amsonia grandiflora</i> | Arizona Bluestar, Large-Flowered Blue Star | Sonoran Desert | 3       | 3       | Spring to early Summer | White, White-Purple | -10      |          |
| 1                    | <i>Asclepias subulata</i>  | Rush Milkweed, Desert Milkweed             | Sonoran Desert | 3       | 3       | Late Spring to Fall    | Cream               | 20       |          |
| 1                    | <i>Bahia absinthifolia</i> | Hairyseed Bahia, Desert Daisy              | Sonoran Desert | 1       | 0.5     | Spring to Fall         | Yellow              | 15       |          |
| 2                    | <i>Bahiopsis parishii</i>  | Parish's Goldeneye, Golden Eye             | Sonoran Desert | 3       | 3       | Spring and Late Summer | Yellow              | 0        |          |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| PERENNIAL FLOWER     |                                                   |                                                  |                                   |         |         |                           |                |          |                              |
|----------------------|---------------------------------------------------|--------------------------------------------------|-----------------------------------|---------|---------|---------------------------|----------------|----------|------------------------------|
| H <sub>2</sub> O Use | Botanical Name                                    | Common Name(s)                                   | Origin                            | Ht (ft) | Wt (ft) | Bloom Season              | Flower Color   | Cold Tol | Comments                     |
| 1                    | <i>Baileya multiradiata</i>                       | Desert Marigold, Desert Baileya                  | Sonoran Desert, Chihuahuan Desert | 1       | 1       | Spring through Fall       | Yellow         | 10       |                              |
| 3                    | <i>Berlandiera lyrata</i>                         | Lyreleaf Greeneyes, Chocolate Flower             | Southeastern Arizona              | 2       | 2       | Spring to Fall            | Yellow         | 0        |                              |
| 3                    | <i>Centaurea cineraria</i>                        | Dusty Miller, Silver Dust                        | Mediterranean                     | 3       | 3       | Summer                    | Purple, Yellow | 15       |                              |
| 2                    | <i>Dicliptera resupinata</i>                      | Arizona Foldwing, Native Dicliptera              | Sonoran Desert, Chihuahuan Desert | 2       | 3       | Spring to Fall            | Purple         | 17       |                              |
| 2                    | <i>Gaillardia aestivalis</i> var. <i>winkleri</i> | Winkler's Blanketflower, Winkler Gaillardia      | Texas                             | 2       | 3       |                           |                | 0        |                              |
| 2                    | <i>Gaillardia pinnatifida</i>                     | Red Dome Blanketflower, Blanketflower            | Southwest U.S.                    | 2       | 2       | Late Spring to early Fall |                | -30      |                              |
| 3                    | <i>Glandularia gooddingii</i>                     | Southwestern Mock Vervain, Goodding Verbena      | Sonoran Desert                    | 1.5     | 3       | Spring                    | Lavender, Pink | 10       |                              |
| 3                    | <i>Glandularia peruviana</i>                      | Peruvian Mock Vervain, Peruvian Verbena          | South America                     | 1.5     | 3       | Spring to Fall            | Purple         |          |                              |
| 3                    | <i>Glandularia tenera</i>                         | South American Mock Vervain, Moss Verbena        | South America                     | 1       | 5       | Spring to Fall            | Purple         | 20       | Showy blooms.                |
| 2                    | <i>Lotus rigidus</i>                              | Shrubby Deervetch, Desert Deerweed               | Sonoran Desert                    | 1.5     | 2       | Spring                    | Yellow         | 5        | Flowers like puffs of smoke. |
| 3                    | <i>Mirabilis multiflora</i>                       | Colorado Four O'clock, Desert Four O'clock       | United States                     | 3       | 4       | Summer to early Fall      | Pink           | 25       |                              |
| 2                    | <i>Oenothera berlandieri</i>                      | Mexican Evening Primrose, Showy Evening Primrose | Southern U.S.                     | 1       | 3       | Spring to Fall            | Pink           | 25       |                              |
| 2                    | <i>Oenothera caespitosa</i>                       | Tufted Evening Primrose, White Evening Primrose  | Western U.S.                      | 1       | 3       | Spring                    | White          | 5        |                              |
| 2                    | <i>Penstemon ambiguus</i> var. <i>laevissimus</i> | Pink Plains Penstemon                            | Western U.S.                      | 3       | 3       | Summer                    | Pink           | 10       |                              |
| 3                    | <i>Penstemon amphotellae</i>                      | Mexican Blue Penstemon                           | Central Mexico                    | 1       | 2       | Late Spring               | Blue           | 0        |                              |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| PERENNIAL FLOWER     |                                    |                                              |                                    |         |         |                             |              |          |          |
|----------------------|------------------------------------|----------------------------------------------|------------------------------------|---------|---------|-----------------------------|--------------|----------|----------|
| H <sub>2</sub> O Use | Botanical Name                     | Common Name(s)                               | Origin                             | Ht (ft) | Wt (ft) | Bloom Season                | Flower Color | Cold Tol | Comments |
| 3                    | <i>Penstemon baccharifolius</i>    | Baccharisleaf Beardtongue, Cutleaf Penstemon | Chihuahuan Desert                  | 2       | 3       | Summer                      | Red          | 10       |          |
| 3                    | <i>Penstemon barbatus</i>          | Beardlip Penstemon, Beardtongue Penstemon    | Sonoran Desert, Chihuahuan Desert  | 1       | 1       | Summer to early Fall        | Red          | 5        |          |
| 3                    | <i>Penstemon cardinalis</i>        | Cardinal Beardtongue, Cardinal Penstemon     | Texas                              | 1       | 1-2     | Spring and Summer           | Red          | 5        |          |
| 3                    | <i>Penstemon cobaea</i>            | Cobaea Beardtongue, Foxglove Penstemon       | Central U.S.                       | 1       | 1       | Spring                      | White-Purple | -25      |          |
| 3                    | <i>Penstemon eatonii</i>           | Firecracker Penstemon, Eaton Beardtongue     | Sonoran Desert                     | 1       | 1       | Late Winter to Early Spring | Red          | -30      |          |
| 3                    | <i>Penstemon fendleri</i>          | Fendler's Penstemon                          | Southwest U.S.                     | 1       | 1       | Spring through Summer       | Violet       | 5        |          |
| 3                    | <i>Penstemon grandiflorus</i>      | Large Beardtongue, Largeflowered Penstemon   | Texas                              | 1       | 1       | Early Summer                | Lavender     | -40      |          |
| 3                    | <i>Penstemon palmeri</i>           | Palmer's Penstemon                           | Southwest U.S.                     | 2       | 2       | Spring through Summer       | White, Pink  | 5        |          |
| 3                    | <i>Penstemon parryi</i>            | Parry's Beardtongue, Parry's Penstemon       | Sonoran Desert                     | 1       | 1       | Early Spring                | Pink, Red    | 15       |          |
| 3                    | <i>Penstemon pinifolius</i>        | Pineneedle Beardtongue, Pineleaf Penstemon   | Northern Arizona, Utah             | 1       | 2       | Summer                      | Red, Orange  | -40      |          |
| 3                    | <i>Penstemon pseudospectabilis</i> | Desert Penstemon, Canyon Penstemon           | Sonoran Desert                     | 1       | 1       | Spring to mid Summer        | Red, Purple  | 5        |          |
| 3                    | <i>Penstemon spectabilis</i>       | Showy Penstemon, Royal Penstemon             | California, Baja California Mexico | 1       | 1       | Spring to mid Summer        | Purple, Blue | 15       |          |
| 3                    | <i>Penstemon strictus</i>          | Rocky Mountain Penstemon                     | Western U.S.                       | 1       | 1       | Early Summer                | Blue         | -30      |          |
| 3                    | <i>Penstemon subulatus</i>         | Hackberry Beardtongue, Little Beardtongue    | Sonoran Desert                     | 1       | 1       | Spring                      | Red          |          |          |
| 3                    | <i>Penstemon superbus</i>          | Superb Beardtongue, Superb Penstemon         | Sonoran Desert, Chihuahuan Desert  | 2       | 2       | Spring                      | Red          | -30      |          |
| 3                    | <i>Penstemon triflorus</i>         | Heller's Beardtongue, Hill Country Penstemon | Texas                              | 1       | 1       | Early Spring                | Red          | 10       |          |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| PERENNIAL FLOWER     |                                         |                                           |                                   |         |         |                              |                                      |          |                               |
|----------------------|-----------------------------------------|-------------------------------------------|-----------------------------------|---------|---------|------------------------------|--------------------------------------|----------|-------------------------------|
| H <sub>2</sub> O Use | Botanical Name                          | Common Name(s)                            | Origin                            | Ht (ft) | Wt (ft) | Bloom Season                 | Flower Color                         | Cold Tol | Comments                      |
| 3                    | <i>Penstemon wrightii</i>               | Wright's Beardtongue, Wright's Penstemon  | Texas                             | 1       | 1       | Spring to Summer             | Orange, Pink                         | 10       |                               |
| 1                    | <i>Psilostrophe cooperi</i>             | Whitestem Paperflower, Paperflower        | Sonoran Desert, Chihuahuan Desert | 2       | 2       | Spring and Summer            | Yellow                               | 15       |                               |
| 1                    | <i>Psilostrophe tagetina</i>            | Woolly Paperflower, Paperflower           | Sonoran Desert, Chihuahuan Desert | 2       | 2       | Spring and Summer            | Yellow                               | 10       |                               |
| 3                    | <i>Santolina virens</i>                 | Green Santolina                           | Mediterranean                     | 2       | 2       | Spring                       | Cream                                | -20      |                               |
| 2                    | <i>Senecio bicolor subsp. cineraria</i> | Dusty Miller, Silver Plant                | Mediterranean                     | 2       | 2       | Spring                       | Yellow                               | 15       |                               |
| 1                    | <i>Senna covesii</i>                    | Coues' Cassia, Desert Senna               | Sonoran Desert                    | 1       | 1       | Late Spring to early Fall    | Yellow                               | 15       | Orange and bronze Fall color. |
| 2                    | <i>Sphaeralcea ambigua</i>              | Desert Globemallow, Globemallow           | Sonoran Desert                    | 3       | 3       | Early Spring and Fall        | Orange, White, Red, Purple, Lavender | 15       |                               |
| 3                    | <i>Tagetes lemmonii</i>                 | Lemmon's Marigold, Mountain Marigold      | Sonoran Desert                    | 3       | 6       | Spring and Fall              | Orange, Yellow                       | 28       |                               |
| 2                    | <i>Tetrandeureis acaulis</i>            | Stemless Four-Nerve Daisy, Angelita Daisy | Southwest U.S.                    | 1       | 1       | All Year, heaviest in Spring | Yellow                               | 10       |                               |
| 3                    | <i>Verbena rigida</i>                   | Tuberous Vervain, Sandpaper Verbena       | South America                     | 2       | 4       | Summer to Fall               | Purple                               |          |                               |
| 3                    | <i>Zephyranthes spp.</i>                | Zephyrlily, Rain Lily                     | Southern Africa                   | 1       | 1.5     | Summer                       | White, Red, Pink                     | 0        |                               |
| 1                    | <i>Zinnia acerosa</i>                   | Desert Zinnia, Dwarf Zinnia               | Sonoran Desert, Chihuahuan Desert | 1       | 1       | Late Spring to Fall          | White                                | 15       |                               |
| 2                    | <i>Zinnia grandiflora</i>               | Rocky Mountain Zinnia, Plains Zinnia      | Southeastern Arizona, New Mexico  | 1       | 1       | Summer to Fall               | Yellow                               | 10       | Flowers have orange centers.  |

| SHRUB                |                            |                                   |                |         |         |                            |              |          |          |
|----------------------|----------------------------|-----------------------------------|----------------|---------|---------|----------------------------|--------------|----------|----------|
| H <sub>2</sub> O Use | Botanical Name             | Common Name(s)                    | Origin         | Ht (ft) | Wt (ft) | Bloom Season               | Flower Color | Cold Tol | Comments |
| 2                    | <i>Acacia angustissima</i> | Prairie Acacia, White Ball Acacia | Sonoran Desert | 5       | 5       | Late Spring to late Summer | White        | -10      |          |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| SHRUB                |                                            |                                                  |                                   |         |         |                          |               |          |          |
|----------------------|--------------------------------------------|--------------------------------------------------|-----------------------------------|---------|---------|--------------------------|---------------|----------|----------|
| H <sub>2</sub> O Use | Botanical Name                             | Common Name(s)                                   | Origin                            | Ht (ft) | Wt (ft) | Bloom Season             | Flower Color  | Cold Tol | Comments |
| 1                    | <i>Acacia craspedocarpa</i>                | Leather-Leaf Acacia, Waxleaf Acacia              | Australia                         | 15      | 15      | Spring to Summer         | Yellow        | 15       |          |
| 2                    | <i>Acacia cultriformis</i>                 | Knife Acacia, Knife-Leaf Acacia                  | Australia                         | 15      | 15      | Spring                   | Yellow        | 20       |          |
| 2                    | <i>Acacia notabilis</i>                    | Notable Wattle, Notable Acacia                   | Australia                         | 8       | 15      | Late Spring              | Yellow        | 20       |          |
| 2                    | <i>Acacia redolens</i>                     | Bank Catclaw, Prostrate Acacia                   | Australia                         | 5       | 12      | Spring                   | Yellow        | 20       |          |
| 2                    | <i>Aloysia gratissima</i>                  | Whitebrush, Bee Brush                            | Sonoran Desert, Chihuahuan Desert | 6       | 6       | Spring                   | White         | 15       |          |
| 2                    | <i>Aloysia wrightii</i>                    | Wright's Bee Brush, Oreganillo                   | Sonoran Desert, Chihuahuan Desert | 4       | 4       | Spring to Fall           | White         | 15       |          |
| 1                    | <i>Ambrosia deltoidea</i>                  | Triangle Bur Ragweed, Triangle-Leaf Bursage      | Sonoran Desert                    | 2       | 2       | Mid Winter to mid Spring | Inconspicuous | 22       |          |
| 1                    | <i>Ambrosia dumosa</i>                     | Burrobush, White Bursage                         | Sonoran Desert                    | 2       | 2       | Mid Winter to mid Spring | Inconspicuous | 22       |          |
| 2                    | <i>Anisacanthus quadrifidus</i>            | Wright's Desert Honeysuckle, Flame Honeysuckle   | Chihuahuan Desert                 | 5       | 5       | Summer to Fall           | Orange, Red   | 5        |          |
| 2                    | <i>Anisacanthus thurberi</i>               | Thurber's Desert Honeysuckle, Desert Honeysuckle | Sonoran Desert                    | 6       | 4       | Spring to Fall           | Orange        | 10       |          |
| 2                    | <i>Artemisia ludoviciana</i>               | White Sagebrush, White Sage                      | Sonoran Desert                    | 2.5     | 2       | July through October     | Inconspicuous | -40      |          |
| 3                    | <i>Asclepias linaria</i>                   | Pineneedle Milkweed, Pine Leaf Milkweed          | Sonoran Desert, Chihuahuan Desert | 3       | 3       | Spring to Fall           | White         | 20       |          |
| 1                    | <i>Atriplex canescens</i>                  | Fourwing Saltbush, Wing-Scale                    | Sonoran Desert, Chihuahuan Desert | 4       | 8       | Spring to Fall           | Inconspicuous | 15       |          |
| 2                    | <i>Atriplex lentiformis</i>                | Big Saltbush, Quail Bush                         | Sonoran Desert                    | 10      | 15      | Late Winter to Spring    |               | 15       |          |
| 2                    | <i>Atriplex lentiformis subsp. breweri</i> | Quailbush, Brewer Saltbush                       | Sonoran Desert                    | 10      | 10      | Summer                   | Light Yellow  | 15       |          |
| 1                    | <i>Atriplex nummularia</i>                 | Bluegreen Saltbush, Old Man Saltbush             | Australia                         | 9       | 15      |                          | Inconspicuous | 15       |          |
| 1                    | <i>Atriplex polycarpa</i>                  | Cattle Saltbush, Desert Saltbush                 | Sonoran Desert                    | 3       | 6       |                          | Inconspicuous | 0        |          |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| SHRUB                |                                                     |                                                 |                                   |         |         |                             |                   |          |                                                   |
|----------------------|-----------------------------------------------------|-------------------------------------------------|-----------------------------------|---------|---------|-----------------------------|-------------------|----------|---------------------------------------------------|
| H <sub>2</sub> O Use | Botanical Name                                      | Common Name(s)                                  | Origin                            | Ht (ft) | Wt (ft) | Bloom Season                | Flower Color      | Cold Tol | Comments                                          |
| 2                    | <i>Atriplex semibaccata</i>                         | Australian Saltbush, Berry Saltbush             | Australia                         | 1       | 6       | April through September     | Inconspicuous     | 22       |                                                   |
| 2                    | <i>Baccharis sarothroides</i> (male varieties only) | Desertbroom,                                    | Sonoran Desert                    | 9       | 9       | Fall                        | Cream, White      | 15       |                                                   |
| 2                    | <i>Bauhinia lunarioides</i>                         | Texasplume, Anacacho Orchid Tree                | Chihuahuan Desert                 | 12      | 10      | Spring to early Summer      | Pink, White       | 5        |                                                   |
| 2                    | <i>Bebbia juncea</i>                                | Sweetbush, Chuckwalla's Delight                 | Sonoran Desert, Chihuahuan Desert | 4       | 4       | Spring to Fall              | Yellow            | 15       |                                                   |
| 3                    | <i>Berberis harrisoniana</i>                        | Harrison's Barberry, Kofa Mountain Barberry     | Sonoran Desert                    | 3       | 3       | Late Winter to early Spring | Yellow            | 15       |                                                   |
| 2                    | <i>Berberis trifoliolata</i>                        | Algerita, Wild Currant                          | Sonoran Desert                    | 8       | 8       | Spring                      | Yellow            | 15       |                                                   |
| 1                    | <i>Buddleja marrubifolia</i>                        | Woolly Butterflybush, Butterfly Bush            | Chihuahuan Desert                 | 5       | 5       | Spring and Summer           | Orange            | 15       |                                                   |
| 2                    | <i>Caesalpinia gilliesii</i>                        | Bird-of-Paradise Shrub, Yellow Bird of Paradise | South America                     | 10      | 6       | Late Spring to Fall         | Yellow            | 10       |                                                   |
| 2                    | <i>Caesalpinia mexicana</i>                         | Mexican Holdback, Mexican Bird of Paradise      | Chihuahuan Desert                 | 15      | 10      | Spring to Summer            | Yellow            | 20       |                                                   |
| 3                    | <i>Caesalpinia pulcherrima</i>                      | Pride-of-Barbados, Red Bird of Paradise         | Tropic America                    | 6-8     | 6       | Summer                      | Red-Orange-Yellow | 28       |                                                   |
| 2                    | <i>Calliandra californica</i>                       | Tabardillo, Baja Fairy Duster                   | Sonoran Desert                    | 6       | 6       | Spring through Fall         | Red               | 25       |                                                   |
| 1                    | <i>Calliandra eriophylla</i>                        | Fairyduster, False Mesquite                     | Sonoran Desert                    | 3       | 4       | Spring                      | Pink              | 10       |                                                   |
| 2                    | <i>Calliandra peninsularis</i>                      | Red Calliandra, Baja Fairy Duster               | Sonoran Desert                    | 6       | 6       | Winter to Spring            | Red               | 25       |                                                   |
| 3                    | <i>Callistemon citrinus</i>                         | Crimson Bottlebrush, Lemon Bottlebrush          | Australia                         | 15      | 10      | Off and on all year         | Red               | 10       | Also considered a tree.                           |
| 2                    | <i>Cassia eremophila</i>                            | Scented Senna, Green Cassia                     | Australia                         | 9       | 9       | Winter to Spring            | Yellow            | 20       | Can also be found as <i>Senna artemisioides</i> . |
| 1                    | <i>Celtis pallida</i>                               | Spiny Hackberry, Desert Hackberry               | Sonoran Desert, Chihuahuan Desert | 16      | 10      | Spring                      |                   | 17       |                                                   |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| SHRUB                |                                                  |                                                |                                          |         |         |                         |                   |          |                         |
|----------------------|--------------------------------------------------|------------------------------------------------|------------------------------------------|---------|---------|-------------------------|-------------------|----------|-------------------------|
| H <sub>2</sub> O Use | Botanical Name                                   | Common Name(s)                                 | Origin                                   | Ht (ft) | Wt (ft) | Bloom Season            | Flower Color      | Cold Tol | Comments                |
| 2                    | <i>Chrysactinia mexicana</i>                     | Damianita, Damianita Daisy                     | Southwest U.S.                           | 2       | 2       | Spring and Fall         | Yellow            | 0        |                         |
| 1                    | <i>Condalia warnockii</i> var. <i>kearneyana</i> | Kearney's Snakewood, Condalia                  | Sonoran Desert, Chihuahuan Desert        | 6       | 5       | Early Spring            | White             | 10       |                         |
| 2                    | <i>Convolvulus cneorum</i>                       | Bush Morning Glory, Silverbush                 | Europe                                   | 2       | 3       | Late Spring to Fall     | White             | 15       |                         |
| 2                    | <i>Cordia parvifolia</i>                         | Small-Leaf Geigertree, Littleleaf Cordia       | Sonoran Desert, Chihuahuan Desert        | 8       | 10      | Spring to Fall          | White             | 15       |                         |
| 2                    | <i>Dalea bicolor</i>                             | Silver Prairie Clover, Dalea Bicolor           | Chihuahuan Desert                        | 6-8     | 5-6     | Fall                    | Blue              | 10       |                         |
| 2                    | <i>Dalea bicolor</i> var. <i>argyrea</i>         | Silver Prairie Clover, Silver Dalea            | Sonoran Desert                           |         |         |                         |                   | 5        |                         |
| 3                    | <i>Dalea frutescens</i>                          | Black Prairie Clover, Black Dalea              | Chihuahuan Desert                        | 4       | 5       | Late Fall               | Pink, Red, Purple | 15       |                         |
| 2                    | <i>Dalea pulchra</i>                             | Santa Catalina Prairie Clover, Indigo Bush     | Sonoran Desert                           | 6       | 5       | Winter and early Spring | Pink, Purple      | 0        |                         |
| 3                    | <i>Dalea versicolor</i> var. <i>sessilis</i>     | Oakwoods Prairie Clover, Wislizenus Dalea      | Sonoran Desert                           | 4       | 5       | Fall to early Spring    | Purple            | 0        |                         |
| 2                    | <i>Dermatophyllum secundiflorum</i>              | Mescal Bean, Texas Mountain Laurel             | Chihuahuan Desert                        | 25      | 15      | Spring                  | Purple            | 5        | Also considered a tree. |
| 2                    | <i>Dodonaea viscosa</i>                          | Florida Hopbush, Hopbush                       | Sonoran Desert, Chihuahuan Desert        | 15      | 12      | Spring to Fall          | Inconspicuous     | 20       |                         |
| 1                    | <i>Ephedra nevadensis</i>                        | Nevada Jointfir, Ephedra                       | Sonoran Desert                           | 5       | 4       | Spring                  | Inconspicuous     | 0        |                         |
| 1                    | <i>Eremophila decipiens</i>                      | Emu Bush, Poverty Bush                         | Australia                                | 5       | 5       | Winter to Spring        | Red               | 17       |                         |
| 2                    | <i>Eremophila maculata</i> 'valentine'           | Valentine Emu Bush, Red Eremophila             | Australia                                | 5       | 6       | Early to late Spring    | Red               | 20       |                         |
| 2                    | <i>Ericameria laricifolia</i>                    | Turpentine Bush, Larchleaf Goldenweed          | Sonoran Desert                           | 2-3     | 2-3     | Fall                    | Yellow            | -10      |                         |
| 2                    | <i>Eriogonum fasciculatum</i>                    | Eastern Mojave Buckwheat, California Buckwheat | Arizona, Southern California, New Mexico | 1.5     | 2       | Summer                  | White, Pink       | 15       |                         |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| SHRUB                |                                  |                                     |                                   |         |         |                       |                               |          |                         |
|----------------------|----------------------------------|-------------------------------------|-----------------------------------|---------|---------|-----------------------|-------------------------------|----------|-------------------------|
| H <sub>2</sub> O Use | Botanical Name                   | Common Name(s)                      | Origin                            | Ht (ft) | Wt (ft) | Bloom Season          | Flower Color                  | Cold Tol | Comments                |
| 2                    | <i>Eriogonum wrightii</i>        | Bastardsage, Wright Buckwheat       | Sonoran Desert                    | 1.5     | 2       | Summer to early Fall  | White, Pink                   | 23       |                         |
| 1                    | <i>Euphorbia antisyphilitica</i> | Candelilla, Wax Plant               | Chihuahuan Desert                 | 3       | 3       | Spring and mid Summer | Cream                         | 17       |                         |
| 3                    | <i>Fraxinus greggii</i>          | Greg's Ash, Littleleaf Ash          | Chihuahuan Desert                 | 18      | 15      |                       | Inconspicuous                 | 15       | Also considered a tree. |
| 1                    | <i>Gutierrezia sarothrae</i>     | Broom Snakeweed, Snakeweed          | Western U.S., Mexico, Canada      | 2       | 2       | Early Fall            | Yellow                        | -38      |                         |
| 3                    | <i>Hamelia patens</i>            | Scarletbush, Texas Firecracker Bush | Tropic America                    | 10      | 5       | Summer                | Red, Orange                   | 10       |                         |
| 2                    | <i>Hibiscus coulteri</i>         | Desert Rosemallow, Yellow Hibiscus  | Sonoran Desert, Chihuahuan Desert | 3       | 3       | Late Spring to Fall   | Light Yellow                  | 10       |                         |
| 1                    | <i>Hyptis emoryi</i>             | Desert Lavender                     | Sonoran Desert                    | 8       | 8       | Spring through Fall   | Purple                        | 25       | Long red stamens.       |
| 1                    | <i>Jatropha cardiophylla</i>     | Sangre de Cristo, Limberbush        | Sonoran Desert                    | 3       | 4       | Summer                | Inconspicuous                 | 20       |                         |
| 1                    | <i>Jatropha dioica</i>           | Leatherstem, Jatropha               | Chihuahuan Desert                 | 3       | 3       | Summer                | Inconspicuous                 | 15       |                         |
| 3                    | <i>Juniperus sabina</i>          | Savin, Sabine Juniper               | Arizona                           | 1.5     | 8       |                       | Inconspicuous                 | -30      |                         |
| 2                    | <i>Justicia californica</i>      | Beloperone, Chuparosa               | Sonoran Desert                    | 3       | 4       | Spring                | Red                           | 20       |                         |
| 2                    | <i>Justicia candicans</i>        | Arizona Water-Willow, Red Justicia  | Sonoran Desert                    | 5       | 3       | Fall to Spring        | Red, Orange                   | 25       |                         |
| 3                    | <i>Justicia spicigera</i>        | Mohintli, Firecracker Bush          | Mexico                            | 4       | 4       | Summer to Winter      | Orange                        | 24       |                         |
| 1                    | <i>Larrea tridentata</i>         | Creosote Bush, Greasewood           | Sonoran Desert, Chihuahuan Desert | 8       | 8       | Early Spring to Fall  | Yellow                        | 5        |                         |
| 2                    | <i>Leucophyllum spp.</i>         | Texas Sage, Texas Ranger            | Chihuahuan Desert                 | 3-10    | 3-10    | Summer                | Pink, Purple, Lavender, White | 10       |                         |
| 2                    | <i>Lycium andersonii</i>         | Water Jacket, Desert Wolfberry      | Sonoran Desert                    | 6       | 6       | Spring                | Lavender                      | 20       |                         |
| 1                    | <i>Lycium exsertum</i>           | Arizona Desert-Thorn, Thornbush     | Sonoran Desert                    | 8       | 8       | Spring                | White-Purple                  | 10       |                         |
| 1                    | <i>Lycium fremontii</i>          | Fremont's Desert-Thorn, Wolfberry   | Sonoran Desert                    | 10      | 8       | Spring                | White-Purple                  | 20       |                         |
| 2                    | <i>Lycium pallidum</i>           | Pale Desert-Thorn, Desert-Thorn     | Sonoran Desert, Mojave Desert     | 3-9     | 4-6     | Spring                | White                         | 10       |                         |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| SHRUB                |                                |                                   |                                             |         |         |                        |                          |          |                         |
|----------------------|--------------------------------|-----------------------------------|---------------------------------------------|---------|---------|------------------------|--------------------------|----------|-------------------------|
| H <sub>2</sub> O Use | Botanical Name                 | Common Name(s)                    | Origin                                      | Ht (ft) | Wt (ft) | Bloom Season           | Flower Color             | Cold Tol | Comments                |
| 2                    | <i>Maytenus phyllanthoides</i> | Florida Mayten, Mangle Dulce      | Sonoran Desert, Chihuahuan Desert           | 12      | 12      |                        | Inconspicuous            | 15       |                         |
| 2                    | <i>Mimosa dysocarpa</i>        | Velvetpod Mimosa, Velvetpod       | Sonoran Desert                              | 6       | 6       | Summer                 | Pink, White              | 15       |                         |
| 3                    | <i>Myrtus communis</i>         | Myrtle, Roman Myrtle              | Mediterranean                               | 6       | 5       | Spring                 | White                    | 20       |                         |
| 3                    | <i>Nandina domestica</i>       | Sacred Bamboo, Heavenly-Bamboo    | Asia                                        | 6       | 4       | Spring                 | White                    | 15       |                         |
| 2                    | <i>Nerium oleander</i>         | Oleander, Laurel                  | Asia                                        | 4-20    | 5-12    | Mid Spring to Fall     | Pink, White, Red, Orange | 20       |                         |
| 3                    | <i>Poliomintha maderensis</i>  | Lavendar Spice                    | Chihuahuan Desert                           | 2       | 2       | Spring through Summer  | Lavender                 | 20       |                         |
| 3                    | <i>Punica granatum</i>         | Pomegranate                       | India                                       | 20      | 15      | Summer                 | Red, Orange              | 10       | Also considered a tree. |
| 3                    | <i>Pyracantha spp.</i>         | Pyracantha, Firethorn             | Asia                                        | 20      | 12      | Spring                 | White                    | 20       |                         |
| 3                    | <i>Quercus gambelii</i>        | Gambel Oak                        | Southwest U.S.                              | 30      | 15      |                        | Inconspicuous            | -30      | Also considered a tree. |
| 2                    | <i>Quercus turbinella</i>      | Sonoran Scrub Oak, Shrub Live Oak | Western U.S.                                | 10      | 10      |                        | Inconspicuous            | 5        |                         |
| 2                    | <i>Rhus microphylla</i>        | Littleleaf Sumac, Desert Sumac    | Sonoran Desert, Chihuahuan Desert           | 10      | 10      | Spring before leaves   | White                    | 20       |                         |
| 2                    | <i>Rhus ovata</i>              | Sugar Sumac, Sugarbush            | Arizona, California                         | 15      | 15      | Spring                 | White, Pink              | 15       |                         |
| 2                    | <i>Rhus trilobata</i>          | Skunkbush Sumac, Three Leaf Sumac | United States, Mexico, Canada               | 5       | 8-10    | Spring                 | Inconspicuous            | -40      |                         |
| 2                    | <i>Rhus virens</i>             | Evergreen Sumac                   | Sonoran Desert, Chihuahuan Desert           | 12      | 12      | Spring                 | White                    | 15       |                         |
| 2                    | <i>Rosmarinus officinalis</i>  | Rosemary, Bush Rosemary           | Mediterranean                               | 3       | 8       | Spring and Fall        | Blue                     | 15       |                         |
| 2                    | <i>Salvia chamaedryoides</i>   | Blue Sage, Blue Chihuahuan Sage   | Chihuahuan Desert                           | 2       | 2       | Spring and Fall        | Blue                     | 15       |                         |
| 2                    | <i>Salvia clevelandii</i>      | Fragrant Sage, Cleveland Sage     | Southern California, Baja California Mexico | 5       | 5       | Late Spring to Summer  | Blue                     | 15       |                         |
| 2                    | <i>Salvia dorrii</i>           | Purple Sage, Mojave Sage          | Mojave Desert                               | 2       | 2       | Late Winter and Spring | Blue, Violet             | -25      |                         |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| SHRUB                |                                   |                                             |                                   |         |         |                       |                          |          |                                          |
|----------------------|-----------------------------------|---------------------------------------------|-----------------------------------|---------|---------|-----------------------|--------------------------|----------|------------------------------------------|
| H <sub>2</sub> O Use | Botanical Name                    | Common Name(s)                              | Origin                            | Ht (ft) | Wt (ft) | Bloom Season          | Flower Color             | Cold Tol | Comments                                 |
| 3                    | <i>Salvia greggii</i>             | Autumn Sage, Red Chihuahuan Sage            | Chihuahuan Desert                 | 3       | 3       | Spring to Summer      | Red, Pink, Purple, White | 5        |                                          |
| 2                    | <i>Salvia hybrid</i>              | Trident, Carl Nielson Sage                  | Variety/Cultivar                  | 3       | 3       | Spring                | Blue                     | -10      |                                          |
| 3                    | <i>Salvia leucantha</i>           | Mexican Bush Sage, Purple Mexican Bush Sage | Mexico                            | 4       | 4       | Spring to Fall        | Purple                   | 25       |                                          |
| 2                    | <i>Salvia mohavensis</i>          | Mojave Sage                                 | Sonoran Desert, Mojave Desert     | 3       | 3       | Spring to mid Summer  | Lavender                 | 5        |                                          |
| 2                    | <i>Santolina chamaecyparissus</i> | Lavender Cotton, Gray Santolina             | Mediterranean                     | 2       | 3       | Spring                | Yellow                   | -10      |                                          |
| 3                    | <i>Senegalia berlandieri</i>      | Guajillo, Berlandier Acacia                 | Chihuahuan Desert                 | 15      | 15      | Summer                | White                    | 20       | Also considered a tree.                  |
| 1                    | <i>Senegalia greggii</i>          | Catclaw Acacia, Gregg's Catclaw Acacia      | Sonoran Desert, Chihuahuan Desert | 15      | 20      | Spring to Summer      | Cream                    | 0        | Also considered a tree.                  |
| 2                    | <i>Senna artemisioides</i>        | Silver Senna, Feathery Cassia               | Australia                         | 5       | 5       | Late Winter to Spring | Yellow                   | 20       |                                          |
| 2                    | <i>Senna lindheimeriana</i>       | Velvet Leaf Senna, Senna                    | Chihuahuan Desert                 | 3       | 2       | Summer to Fall        | Yellow                   | 0        |                                          |
| 2                    | <i>Senna phyllodinea</i>          | Silvery Cassia                              | Australia                         | 6       | 6       | Winter to Spring      | Yellow                   | 20       |                                          |
| 2                    | <i>Senna wislizeni</i>            | Wislizenus' Senna, Shrubby Cassia           | Sonoran Desert, Chihuahuan Desert | 8       | 8       | Summer                | Yellow                   | 10       |                                          |
| 1                    | <i>Simmondsia chinensis</i>       | Jobba, Goat Nut                             | Sonoran Desert                    | 8       | 8       | Spring                | Inconspicuous            | 15       | Small red fruit, pink and white flowers. |
| 2                    | <i>Teucrium fruticans</i>         | Shrubby Germander, Bush Germander           | Mediterranean                     | 8       | 8       | Spring to Fall        | Blue, Lavender           | 10       |                                          |
| 2                    | <i>Trixis californica</i>         | American Threefold, Trixis                  | Southwest U.S.                    | 3.5     | 3.5     | Spring                | Yellow                   | 15       |                                          |
| 1                    | <i>Vachellia constricta</i>       | Whitethorn Acacia, Mescat Acacia            | Sonoran Desert, Chihuahuan Desert | 20      | 20      | Spring to Summer      | Yellow                   | 5        | Also considered a tree.                  |
| 3                    | <i>Vachellia farnesiana</i>       | Sweet Acacia, Southwestern Sweet Acacia     | Sonoran Desert, Chihuahuan Desert | 25      | 25      | Spring                | Yellow                   | 12       | Also considered a tree.                  |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| SHRUB                |                                                 |                                         |                                    |         |         |                     |                |          |                         |
|----------------------|-------------------------------------------------|-----------------------------------------|------------------------------------|---------|---------|---------------------|----------------|----------|-------------------------|
| H <sub>2</sub> O Use | Botanical Name                                  | Common Name(s)                          | Origin                             | Ht (ft) | Wt (ft) | Bloom Season        | Flower Color   | Cold Tol | Comments                |
| 2                    | <i>Vachellia rigidula</i>                       | Blackbrush Acacia                       | Chihuahuan Desert                  | 15      | 9       | Spring              | Yellow         | 20       | Also considered a tree. |
| 2                    | <i>Vauquelinia californica</i>                  | Arizona Rosewood                        | Sonoran Desert                     | 25      | 15      | Spring to Summer    | White          | 10       | Also considered a tree. |
| 2                    | <i>Vauquelinia corymbosa</i>                    | Slimleaf Rosewood, Narrow-Leaf Rosewood | Texas, Mexico                      | 15      | 20      | Spring              | Inconspicuous  | -10      |                         |
| 3                    | <i>Viguiera stenoloba</i>                       | Resinbush, Skeleton-Leaf Goldeneye      | New Mexico, Texas, Northern Mexico | 4-6     | 2-4     | Summer to Fall      | Yellow         | 10       |                         |
| 3                    | <i>Wedelia acapulcensis</i> var. <i>hispida</i> | Hairy Wedelia, Rough Zexmenia           | Southwest U.S.                     | 2-3     | 2-4     | Spring through Fall | Orange, Yellow | 10       |                         |
| 3                    | <i>Xylosma congesta</i>                         | Dense Logwood, Xylosma                  | China                              | 15      | 15      | Spring              | Inconspicuous  | 15       | Also considered a tree. |

| SUCCULENT            |                          |                                                 |                   |         |         |                               |               |          |                             |
|----------------------|--------------------------|-------------------------------------------------|-------------------|---------|---------|-------------------------------|---------------|----------|-----------------------------|
| H <sub>2</sub> O Use | Botanical Name           | Common Name(s)                                  | Origin            | Ht (ft) | Wt (ft) | Bloom Season                  | Flower Color  | Cold Tol | Comments                    |
| 1                    | <i>Agave americana</i>   | American Century Plant, Century Plant           | Chihuahuan Desert | 8       | 7       | Once (Summer)                 | Yellow        | 20       |                             |
| 2                    | <i>Agave asperrima</i>   | Rough Century Plant, Rough-Leaved Agave         | Chihuahuan Desert | 4       | 4       | Once (Late Spring to Fall)    | Yellow        | 15       |                             |
| 2                    | <i>Agave bovicornuta</i> | Cowshorn Agave, Lechuguilla Verde               | Mexico            | 3       | 4       | Once (Spring to Summer)       | Yellow        | 19       | Flowers have maroon center. |
| 2                    | <i>Agave bracteosa</i>   | Spider Agave, Squid Agave                       |                   | 2       | 2       | Once (Summer)                 | White, Orange | 10       |                             |
| 2                    | <i>Agave chrysantha</i>  | Goldenflower Century Plant, Golden Flower Agave | Arizona           | 3       | 4       | Once (Summer)                 | Yellow        | 15       |                             |
| 2                    | <i>Agave colorata</i>    | Mescal Ceniza, Blue Century Plant               | Sonoran Desert    | 3       | 3       | Once (Spring to early Summer) | Yellow        | 15       |                             |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| SUCCULENT            |                                             |                                                 |                        |         |         |                                    |              |          |                                       |
|----------------------|---------------------------------------------|-------------------------------------------------|------------------------|---------|---------|------------------------------------|--------------|----------|---------------------------------------|
| H <sub>2</sub> O Use | Botanical Name                              | Common Name(s)                                  | Origin                 | Ht (ft) | Wt (ft) | Bloom Season                       | Flower Color | Cold Tol | Comments                              |
| 2                    | <i>Agave filifera</i>                       | Thread-Leaf Agave, Century Plant                | Chihuahuan Desert      | 2       | 3       | Once (Summer)                      |              | 17       | Flower color tan, erect flower stems. |
| 2                    | <i>Agave havardiana</i>                     | Havard's Century Plant, Havard Agave            | Chihuahuan Desert      | 3       | 4       | Once (Spring)                      |              | -10      |                                       |
| 2                    | <i>Agave mitis</i> var. <i>mitis</i>        | Mitis Agave, Cliff Agave                        | Eastern Mexico         | 2       | 2       | Once                               |              | 15       |                                       |
| 2                    | <i>Agave montana</i>                        | Mountain Agave                                  | Mexico                 | 4       | 6       | Once                               |              | 5        |                                       |
| 2                    | <i>Agave multifilifera</i>                  | Chahuiqui                                       | Chihuahuan Desert      | 3       | 5       | Once                               | Green        | 15       |                                       |
| 2                    | <i>Agave murpheyi</i>                       | Murphey's Century Plant, Murphey's Agave        | Sonoran Desert         | 3       | 3       | Once (Fall)                        | Light Green  | 10       | Produces bulbils on flower stalk.     |
| 2                    | <i>Agave ocahui</i>                         | Ocahui Agave                                    | Sonoran Desert         | 3       | 3       | Once (Spring to Summer)            | Yellow       | 10       |                                       |
| 2                    | <i>Agave ovatifolia</i>                     | Whale's Tongue Agave                            | Mexico                 | 3       | 3       | Once                               | Light Green  | 20       |                                       |
| 2                    | <i>Agave palmeri</i>                        | Palmer's Agave                                  | Sonoran Desert         | 4       | 4       | Once (Summer)                      | Light Green  | 10       | Produces bulbils on flower stalk.     |
| 2                    | <i>Agave parrasana</i>                      | Parras Agave                                    | Mexico                 | 2       | 2       | Once                               | Yellow       | 15       |                                       |
| 2                    | <i>Agave parryi</i>                         | Parry's Agave, Century Plant                    | Chihuahuan Desert      | 2       | 2       | Once (Summer)                      | Yellow       | -20      |                                       |
| 2                    | <i>Agave parryi</i> var. <i>huachuensis</i> | Huachuca Agave                                  | Sonoran Desert         | 2       | 3       | Once (Late Spring to early Summer) | Yellow       | 5        |                                       |
| 2                    | <i>Agave parviflora</i>                     | Smallflower Century Plant, Small Flowered Agave | Sonoran Desert         | 0.5     | 0.7     | Once (Summer)                      | Light Yellow | 10       |                                       |
| 2                    | <i>Agave pelona</i>                         | Mezcal Pelón                                    | Sonoran Desert         | 2       | 2.5     | Once (Spring)                      | Red          | 20       |                                       |
| 2                    | <i>Agave salmiana</i> var. <i>ferox</i>     | Pulque Agave, Salm's Agave                      | Central Mexico         | 4       | 6       | Once                               | Yellow       | 15       |                                       |
| 2                    | <i>Agave schidigera</i>                     | Maguey, Thread-Leaf Agave                       | Central Mexico         | 2       | 3       | Once (Fall to Spring)              |              | 15       |                                       |
| 2                    | <i>Agave shawii</i>                         | Coastal Agave, Shaw's Agave                     | Baja California Mexico | 3       | 5       | Once (Spring)                      | Yellow       | 29       |                                       |
| 2                    | <i>Agave striata</i>                        | Needle-Leaf Agave, Espadín                      | Mojave Desert          | 3       | 3       | Once (Summer)                      | Yellow       | 15       |                                       |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| SUCCULENT            |                                                        |                                               |                                   |         |         |                           |                     |          |                             |
|----------------------|--------------------------------------------------------|-----------------------------------------------|-----------------------------------|---------|---------|---------------------------|---------------------|----------|-----------------------------|
| H <sub>2</sub> O Use | Botanical Name                                         | Common Name(s)                                | Origin                            | Ht (ft) | Wt (ft) | Bloom Season              | Flower Color        | Cold Tol | Comments                    |
| 2                    | <i>Agave univittata</i>                                | Mckelvey's Century Plant, Center Stripe Agave | Chihuahuan Desert                 | 3       | 6       | Once                      |                     | 20       |                             |
| 2                    | <i>Agave utahensis</i>                                 | Utah Agave                                    | Mojave Desert                     | 1       | 2       | Once                      | Yellow              | -10      |                             |
| 2                    | <i>Agave victoriae-reginae</i>                         | Queen Victoria Agave, Royal Agave             | Mexico                            | 1       | 2       | Once (Summer)             | White-Purple        | 10       |                             |
| 2                    | <i>Aloe ferox</i>                                      | Cape Aloe, Tree Aloe                          | Africa                            | 15      | 3       | Late Winter early Spring  | Red-Orange-Yellow   | 25       |                             |
| 1                    | <i>Aloe maculata</i>                                   | Tiger Aloe, Mediterranean Aloe                | Africa                            | 1       | 1       | Winter to Spring          | Yellow, Orange, Red | 15       |                             |
| 2                    | <i>Aloe variegata</i>                                  | Partridge Breast Aloe,                        | Africa                            | 1       | 1.5     | Winter to Spring          | Red                 | 20       |                             |
| 1                    | <i>Aloe vera</i>                                       | Barbados Aloe, Aloe Vera                      | Africa                            | 2       | 2       | Late Winter to Summer     | Yellow, Orange, Red | 25       |                             |
| 3                    | <i>Bulbine frutescens</i>                              | Bulbine, Yellow Bulbine                       | Southern Africa                   | 2       | 2       | Fall to Spring            | Red-Orange-Yellow   | 20       |                             |
| 2                    | <i>Dasyllirion acrotriche</i>                          | Green Desert Spoon                            | Chihuahuan Desert                 | 4       | 5       | Summer to Fall            | Cream               | 15       |                             |
| 2                    | <i>Dasyllirion leiophyllum</i>                         | Green Sotol, Green Desert Spoon               | Chihuahuan Desert                 | 4       | 6       | Spring                    |                     | -10      |                             |
| 2                    | <i>Dasyllirion longissimum</i> var. <i>longissimum</i> | Toothless Desert Spoon, Grass Tree            | Chihuahuan Desert                 | 4       | 5       | Late Spring               |                     | 15       |                             |
| 2                    | <i>Dasyllirion texanum</i>                             | Texas Sotol, Green Desert Spoon               | Chihuahuan Desert                 | 5       | 5       | Late Spring to early Fall | Cream, Green        | 0        |                             |
| 2                    | <i>Dasyllirion wheeleri</i>                            | Common Sotol, Sotol                           | Sonoran Desert, Chihuahuan Desert | 4       | 5       | Mid to late Summer        | Cream               | 0        |                             |
| 2                    | <i>Euphorbia rigida</i>                                | Blue Euphorbia, Gopher Plant                  | Africa                            | 2       | 3       | Winter to Spring          | Green               | 5        |                             |
| 1                    | <i>Fouquieria splendens</i>                            | Ocotillo                                      | Sonoran Desert, Chihuahuan Desert | 15      | 8       | Mid Spring                | Red                 | 10       |                             |
| 2                    | <i>Hesperaloe campanulata</i>                          | Bell Flowering Hesperaloe, Bell Flower        | New Mexico                        | 3       | 3       | Summer                    | Pink                | 10       |                             |
| 2                    | <i>Hesperaloe funifera</i>                             | New Mexico False Yucca, Giant Hesperaloe      | Chihuahuan Desert                 | 5       | 5       | Summer                    | Cream               | 5        | Flowers have maroon center. |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| SUCCULENT            |                              |                                                       |                                     |         |         |                             |                     |          |                 |
|----------------------|------------------------------|-------------------------------------------------------|-------------------------------------|---------|---------|-----------------------------|---------------------|----------|-----------------|
| H <sub>2</sub> O Use | Botanical Name               | Common Name(s)                                        | Origin                              | Ht (ft) | Wt (ft) | Bloom Season                | Flower Color        | Cold Tol | Comments        |
| 2                    | <i>Hesperaloe nocturna</i>   | Night Flowering Hesperaloe, Night Blooming Hesperaloe | Sonoran Desert                      | 3       | 3       | Spring to Fall              | White               | 10       |                 |
| 2                    | <i>Hesperaloe parviflora</i> | Redflower False Yucca, Red Yucca                      | Chihuahuan Desert                   | 3       | 4       | Spring and Summer           | Pink, Red, Yellow   | 0        |                 |
| 1                    | <i>Hesperoyucca whipplei</i> | Chaparral Yucca, Our Lord's Candle                    | Sonoran Desert                      | 3       | 6       | Once (Early Spring)         | White, White Purple | 10       |                 |
| 1                    | <i>Nolina beldingii</i>      | Belding's Nolina, Sotol                               | Baja California Mexico              | 3       | 6       |                             | White               | 15       |                 |
| 1                    | <i>Nolina bigelovii</i>      | Bigelow's Nolina, Beargrass                           | Sonoran Desert                      | 6       | 4       | Summer                      | Cream               | 0        |                 |
| 1                    | <i>Nolina lindheimeriana</i> | Devil's Shoestring, Lindheimer's Nolina               | Texas                               | 3-4     | 2-3     |                             | White               | 15       | Profuse blooms. |
| 1                    | <i>Nolina matapensis</i>     | Tree Beargrass, Sonoran Beargrass                     | Sonoran Desert                      | 25      | 6       | Summer                      | White               |          |                 |
| 1                    | <i>Nolina microcarpa</i>     | Sacahuista, Beargrass                                 | Sonoran Desert                      | 3       | 6       | Summer                      |                     | 0        |                 |
| 1                    | <i>Nolina nelsonii</i>       | Blue Nolina, Nelson's Beargrass                       | Mexico                              | 4-5     | 6-10    |                             | Green               | 0        |                 |
| 1                    | <i>Nolina parryi</i>         | Parry's Beargrass                                     | Sonoran Desert                      | 5       | 5       |                             |                     | 10       |                 |
| 1                    | <i>Nolina texana</i>         | Texas Sacahuista, Beargrass                           | New Mexico, Texas                   | 3       | 3       | Late Spring                 | White               | 0        |                 |
| 2                    | <i>Ruschia uncinata</i>      | Ruschia                                               | Southern Africa                     | 1.5     | 1.5     | Summer                      | Pink                | 25       |                 |
| 2                    | <i>Yucca aloifolia</i>       | Aloe Yucca, Spanish Bayonet                           | Sonoran Desert                      | 10      | 5       | Spring to Summer            | White               | 15       |                 |
| 1                    | <i>Yucca baccata</i>         | Banana Yucca, Blue Yucca                              | Sonoran Desert, Chihuahuan Desert   | 3       | 5       | Late Spring to Summer       | White               | 5        |                 |
| 2                    | <i>Yucca baileyi</i>         | Navajo Yucca, Yucca                                   | Arizona, Colorado, Utah, New Mexico | 4       | 2       | Summer                      | White               | 15       |                 |
| 1                    | <i>Yucca brevifolia</i>      | Joshua Tree                                           | Southern California, Utah           | 20      | 20      | Late Winter to early Spring | White               | 0        |                 |
| 2                    | <i>Yucca constricta</i>      | Buckley's Yucca, Buckley Yucca                        | Texas                               | 5       | 5       | Spring through Summer       | White               | 0        |                 |
| 2                    | <i>Yucca elata</i>           | Soaptree Yucca, Soapweed Yucca                        | Sonoran Desert, Chihuahuan Desert   | 20      | 8       | Late Spring to Summer       | White               | 0        |                 |
| 2                    | <i>Yucca faxoniana</i>       | Eve's Needle, Giant Dagger Yucca                      | Chihuahuan Desert                   | 15      | 4       | Summer                      | White               | 10       |                 |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| SUCCULENT            |                           |                                          |                                       |         |         |              |              |          |          |
|----------------------|---------------------------|------------------------------------------|---------------------------------------|---------|---------|--------------|--------------|----------|----------|
| H <sub>2</sub> O Use | Botanical Name            | Common Name(s)                           | Origin                                | Ht (ft) | Wt (ft) | Bloom Season | Flower Color | Cold Tol | Comments |
| 2                    | <i>Yucca filifera</i>     | St. Peter's Palm,<br>Mexican Tree Yucca  | Mexico                                | 2.5     | 4       |              | White        | 10       |          |
| 2                    | <i>Yucca glauca</i>       | Soapweed Yucca,<br>Narrow Leaf Yucca     | United States                         | 3       | 3       | Summer       | White        | 25       |          |
| 2                    | <i>Yucca harrimaniae</i>  | Spanish Bayonet,<br>Harriman's Yucca     | Southwest U.S.                        | 6-22    | 18      | Mid Summer   | White        | -20      |          |
| 2                    | <i>Yucca pallida</i>      | Twistleaf Yucca, Pale<br>Leaf Yucca      | Texas                                 | 2       | 2       | Late Spring  | White        | -10      |          |
| 2                    | <i>Yucca rigida</i>       | Blue Yucca, Mexican<br>Blue Dagger Yucca | Chihuahuan Desert                     | 12      | 5       | Summer       | White        | 10       |          |
| 2                    | <i>Yucca rostrata</i>     | Beaked Yucca, Big Bend<br>Yucca          | Chihuahuan Desert                     | 12      | 9       | Summer       | White        | 0        |          |
| 2                    | <i>Yucca schidigera</i>   | Mojave Yucca, Spanish<br>Dagger          | Western U.S.,<br>Mexico               | 9-15    | 4-6     | Spring       | White        | 10       |          |
| 2                    | <i>Yucca schottii</i>     | Schott's Yucca,<br>Mountain Yucca        | Sonoran Desert                        | 15      | 4       | Early Summer | White        | 0        |          |
| 2                    | <i>Yucca thompsoniana</i> | Thompson's Yucca,<br>Beaked Yucca        | Texas                                 | 10      | 5       | Early Summer | White        | -20      |          |
| 2                    | <i>Yucca torreyi</i>      | Torrey's Yucca                           | New Mexico, Texas,<br>Northern Mexico | 8-15    | 6       | Spring       | White        | 0        |          |
| 2                    | <i>Yucca treculeana</i>   | Don Quixote's Lace,<br>Spanish Dagger    | Chihuahuan Desert,<br>Western Texas   | 20      | 5       | Spring       | White        | 0        |          |

| TREE                 |                           |                                   |               |         |         |              |              |          |                                      |
|----------------------|---------------------------|-----------------------------------|---------------|---------|---------|--------------|--------------|----------|--------------------------------------|
| H <sub>2</sub> O Use | Botanical Name            | Common Name(s)                    | Origin        | Ht (ft) | Wt (ft) | Bloom Season | Flower Color | Cold Tol | Comments                             |
| 2                    | <i>Acacia aneura</i>      | Mulga                             | Australia     | 18      | 18      | Spring       | Yellow       | 20       |                                      |
| 2                    | <i>Acacia salicina</i>    | Cooba, Willow Acacia              | Australia     | 40      | 30      | Spring       | Cream        | 20       |                                      |
| 2                    | <i>Acacia saligna</i>     | Orange Wattle,<br>Weeping Wattle  | Australia     | 25      | 20      | Early Spring | Yellow       | 15       | Orange and<br>bronze fall<br>colors. |
| 2                    | <i>Acacia stenophylla</i> | Dalby Myall, Pencilleaf<br>Acacia | Australia     | 30      | 20      | Early Spring | Cream        | 18       |                                      |
| 3                    | <i>Acca sellowiana</i>    | Feijoa, Pineapple Guava           | South America | 15      | 15      | Spring       | White        | 15       | Also considered<br>a shrub.          |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| H <sub>2</sub> O Use | TREE                                   |                                               |                                   |         |         |                     |                               |          |                          |
|----------------------|----------------------------------------|-----------------------------------------------|-----------------------------------|---------|---------|---------------------|-------------------------------|----------|--------------------------|
|                      | Botanical Name                         | Common Name(s)                                | Origin                            | Ht (ft) | Wt (ft) | Bloom Season        | Flower Color                  | Cold Tol | Comments                 |
| 2                    | <i>Allocasuarina verticillata</i>      | Drooping She-Oak, Coast Beefwood              | Australia                         | 35      | 25      |                     |                               | 15       |                          |
| 2                    | <i>Brachychiton populneus</i>          | Bottle Tree                                   | Australia                         | 45      | 30      | Late Spring         | Pink                          | 18       |                          |
| 3                    | <i>Brahea armata</i>                   | Mexican Blue Palm, Mexican Blue Fan Palm      | Sonoran Desert                    | 30      | 10      | Spring              | White                         | 15       |                          |
| 2                    | <i>Casuarina cunninghamiana</i>        | River Sheoak, Australian Pine                 | Australia                         | 70      | 35      |                     |                               | 20       |                          |
| 3                    | <i>Celtis reticulata</i>               | Netleaf Hackberry, Western Hackberry          | Sonoran Desert, Chihuahuan Desert | 30      | 30      | Spring to Summer    |                               | -20      |                          |
| 3                    | <i>Ceratonia siliqua</i>               | St. John's Bread Tree, Carob                  | Mediterranean                     | 40      | 40      | Spring              | Pink                          | 22       |                          |
| 3                    | <i>Cercis canadensis var. mexicana</i> | Mexican Redbud, Western Redbud                | Chihuahuan Desert                 | 15      | 15      | Early Spring        | Pink                          | 10       | Also considered a shrub. |
| 3                    | <i>Chamaerops humilis</i>              | European Fan Palm, Mediterranean Fan Palm     | Europe                            | 15      | 10      |                     | Inconspicuous                 | 12       |                          |
| 3                    | <i>Chilopsis linearis</i>              | Desert Willow, Desert Willow 'Warren Jones'   | Sonoran Desert, Chihuahuan Desert | 30      | 30      | Late Spring to Fall | White, Lavender, Pink, Purple | 0        |                          |
| 4                    | <i>Chitalpa tashkentensis</i>          | Chitalpa                                      |                                   |         |         |                     |                               | 20       |                          |
| 2                    | <i>Condalia globosa</i>                | Bitter Snakewood, Bitter Condalia             | Sonoran Desert                    | 15      | 20      | Early Spring        | Inconspicuous                 | 18       | Also considered a shrub. |
| 2                    | <i>Cordia boissieri</i>                | Anacahuita, Texas Olive                       | Chihuahuan Desert                 | 15      | 15      | Spring to Fall      | White                         | 22       | Also considered a shrub. |
| 3                    | <i>Cupressus arizonica</i>             | Arizona Cypress, Rough-Barked Arizona Cypress | Sonoran Desert, Chihuahuan Desert | 50      | 20      |                     | Inconspicuous                 | 10       |                          |
| 3                    | <i>Cupressus arizonica var. glabra</i> | Smooth Bark Cypress                           | Sonoran Desert                    | 40      | 20      |                     |                               | 10       |                          |
| 3                    | <i>Dalbergia sissoo</i>                | Indian Rosewood, Rosewood                     | India                             | 50      | 30      |                     | Inconspicuous                 | 10       |                          |
| 2                    | <i>Ebenopsis ebano</i>                 | Texas Ebony                                   | Chihuahuan Desert                 | 30      | 20      | Late Spring to Fall | Cream                         | 20       |                          |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| H <sub>2</sub> O Use | TREE                            |                                           |                                   |         |         |                           |               |          |               |
|----------------------|---------------------------------|-------------------------------------------|-----------------------------------|---------|---------|---------------------------|---------------|----------|---------------|
|                      | Botanical Name                  | Common Name(s)                            | Origin                            | Ht (ft) | Wt (ft) | Bloom Season              | Flower Color  | Cold Tol | Comments      |
| 3                    | <i>Eucalyptus camaldulensis</i> | River Redgum, Red River Gum               | Australia                         | 120     | 50      | Winter to Spring          | Inconspicuous | 20       |               |
| 2                    | <i>Eucalyptus campaspe</i>      | Silver-Top Gimlet, Silver Gimlet          | Australia                         | 35      | 25      | Late Winter to Spring     | Inconspicuous | 18       |               |
| 2                    | <i>Eucalyptus formanii</i>      | Forman's Eucalyptus, Eucalyptus           | Australia                         | 20      | 20      | Summer                    | White         | 15       |               |
| 2                    | <i>Eucalyptus leucoxylon</i>    | White Ironbark                            | Australia                         | 40      | 30      | Fall to Winter            | White, Red    | 18       |               |
| 2                    | <i>Eucalyptus microtheca</i>    | Coolibah, Tiny Capsule Eucalyptus         | Australia                         | 35      | 35      | Summer                    | Inconspicuous | 10       |               |
| 2                    | <i>Eucalyptus papuana</i>       | Ghost Gum                                 | Australia                         | 40      | 25      | Summer                    | Inconspicuous | 22       |               |
| 2                    | <i>Eucalyptus polyanthemus</i>  | Redbox, Silver Dollar Gum                 | Australia                         | 40      | 30      | Winter                    | Cream         | 14       |               |
| 2                    | <i>Eucalyptus rudis</i>         | Western Australian Floodedgum, Desert Gum | Australia                         | 60      | 40      |                           |               | 15       |               |
| 2                    | <i>Eucalyptus sargentii</i>     | Salt River Mallee, Salt River Gum         | Australia                         | 40      | 40      |                           | Yellow        | 22       |               |
| 2                    | <i>Eucalyptus spathulata</i>    | Swamp Mallee, Narrow-Leaf Gimlet          | Australia                         | 20      | 20      | Summer                    | Cream         | 17       |               |
| 2                    | <i>Eysenhardtia orthocarpa</i>  | Tahitian Kidneywood, Kidneywood           | Sonoran Desert, Chihuahuan Desert | 10      | 10      | Summer                    | White         |          |               |
| 3                    | <i>Eysenhardtia texana</i>      | Texas Kidneywood, Kidneywood              | Chihuahuan Desert                 | 8       | 8       | Spring to Summer          | White         | 15       |               |
| 1                    | <i>Geoffroea decorticans</i>    | Chañar, Chilean Palo Verde                | South America                     | 20      | 15      | Spring                    | Yellow        | 15       |               |
| 2                    | <i>Havardia mexicana</i>        | Mexican Ebony, Palo Chino                 | Sonoran Desert                    | 30      | 30      | Spring                    | Cream         | 20       | Showy blooms. |
| 2                    | <i>Havardia pallens</i>         | Haujillo, Tenaza                          | Chihuahuan Desert                 | 30      | 12      | Late Spring to Mid Summer | White         | 22       |               |
| 3                    | <i>Juniperus chinensis</i>      | Chinese Juniper, Juniper                  | Asia                              | 20      | 10      |                           | Inconspicuous | -30      |               |
| 3                    | <i>Juniperus deppeana</i>       | Alligator Juniper, Alligator Bark Juniper | Sonoran Desert, Chihuahuan Desert | 40      | 30      |                           | Inconspicuous | 0        |               |
| 2                    | <i>Leucaena retusa</i>          | Littleleaf Leadtree, Golden Leadball      | Chihuahuan Desert                 | 20      | 15      | Spring to Summer          | Yellow        | 10       |               |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| H <sub>2</sub> O Use | TREE                                      |                                              |                                   |         |         |                             |               |          |                          |
|----------------------|-------------------------------------------|----------------------------------------------|-----------------------------------|---------|---------|-----------------------------|---------------|----------|--------------------------|
|                      | Botanical Name                            | Common Name(s)                               | Origin                            | Ht (ft) | Wt (ft) | Bloom Season                | Flower Color  | Cold Tol | Comments                 |
| 2                    | <i>Olea europaea</i>                      | Olive, Fruitless Olive                       | Mediterranean                     | 30      | 30      | Spring                      | White         | 15       |                          |
| 1                    | <i>Olneya tesota</i>                      | Desert Ironwood, Tesota                      | Sonoran Desert, Chihuahuan Desert | 30      | 25      | Late Spring to early Summer | White-Purple  | 15       |                          |
| 2                    | <i>Parkinsonia florida</i>                | Blue Palo Verde                              | Sonoran Desert                    | 30      | 30      | Early Spring                | Yellow        | 12       |                          |
| 2                    | <i>Parkinsonia hybrid "Desert Museum"</i> | Desert Museum Palo Verde                     | Sonoran Desert, Chihuahuan Desert | 30      | 30      | Spring to Summer            | Yellow        | 17       |                          |
| 1                    | <i>Parkinsonia microphylla</i>            | Yellow Palo Verde, Foothill Palo Verde       | Sonoran Desert                    | 20      | 20      | Late Spring                 | Yellow        | 15       |                          |
| 2                    | <i>Parkinsonia praecox</i>                | Palo Brea, Palo Verde                        | Sonoran Desert                    | 30      | 25      | Spring                      | Yellow        | 25       |                          |
| 1                    | <i>Parkinsonia x sonorae</i>              | Sonoran Palo Verde                           | Sonoran Desert                    | 20      | 20      | Spring                      | Yellow        | 25       |                          |
| 2                    | <i>Phoenix canariensis</i>                | Canary Island Date Palm                      | North Africa                      | 60      | 30      | Summer                      | Cream, White  | 20       | Red berries.             |
| 2                    | <i>Phoenix dactylifera</i>                | Date Palm, True Date Palm                    | Asia                              | 100     | 20      | Summer                      | Inconspicuous | 18       |                          |
| 2                    | <i>Pinus brutia</i> var. <i>eldarica</i>  | Afghan Pine, Mondel Pine                     | Asia                              | 50      | 25      |                             | Inconspicuous | 0        |                          |
| 2                    | <i>Pinus edulis</i>                       | Twoneedle Pinyon, Pinyon Pine                | Arizona, California, New Mexico   | 25      | 15      |                             | Inconspicuous | -31      |                          |
| 2                    | <i>Pinus halepensis</i>                   | Aleppo Pine                                  | Mediterranean                     | 80      | 60      |                             | Inconspicuous | 13       |                          |
| 2                    | <i>Pinus monophylla</i>                   | Singleleaf Pinyon Pine, Single-Needle Pinyon | Mojave Desert, Northern Arizona   | 25      | 15      |                             | Inconspicuous | -31      |                          |
| 2                    | <i>Pinus pinea</i>                        | Italian Stone Pine                           | Mediterranean                     | 60      | 50      |                             | Inconspicuous | 15       |                          |
| 3                    | <i>Pinus roxburghii</i>                   | Chir Pine, Indian Longleaf Pine              | Asia                              | 80      | 40      |                             | Inconspicuous | 20       |                          |
| 3                    | <i>Pistacia atlantica</i>                 | Mt. Atlas Mastic Tree, Mt. Atlas Pistache    | Mediterranean                     | 60      | 50      | Early Summer                | Inconspicuous | 20       |                          |
| 3                    | <i>Pistacia atlantica x integerrima</i>   | Red Push Pistache                            | Mediterranean, Asia               | 30      | 30      |                             |               | 0        |                          |
| 3                    | <i>Pistacia chinensis</i>                 | Chinese Pistache                             | Asia                              | 60      | 60      |                             | Green         | 10       |                          |
| 2                    | <i>Pistacia vera</i>                      | Pistachio Nut, Pistachio                     | Asia                              | 30      | 30      |                             |               | 0        |                          |
| 2                    | <i>Pittosporum phylliraeoides</i>         | Willow Pittosporum                           | Australia                         | 20      | 15      | Spring                      | Yellow        | 15       | Flowers are airy spikes. |
| 2                    | <i>Prosopis hybrid</i>                    | South American Mesquite                      | South America                     | 40      | 40      | Spring                      | Light Yellow  | 15       | Flower color tan.        |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| H <sub>2</sub> O Use | TREE                                      |                                            |                                   |         |         |                   |               |          |          |
|----------------------|-------------------------------------------|--------------------------------------------|-----------------------------------|---------|---------|-------------------|---------------|----------|----------|
|                      | Botanical Name                            | Common Name(s)                             | Origin                            | Ht (ft) | Wt (ft) | Bloom Season      | Flower Color  | Cold Tol | Comments |
| 2                    | <i>Prosopis chilensis</i>                 | Algarrobo, Chilean Mesquite                | South America                     |         |         |                   |               |          |          |
| 2                    | <i>Prosopis glandulosa</i>                | Honey Mesquite, Texas Honey Mesquite       | Chihuahuan Desert                 | 30      | 30      | Spring            | Cream         | 10       |          |
| 2                    | <i>Prosopis pubescens</i>                 | Screwbean Mesquite, Tornillo               | Sonoran Desert, Chihuahuan Desert | 20      | 20      | Spring            | Yellow        | 0        |          |
| 2                    | <i>Prosopis velutina</i>                  | Velvet Mesquite                            | Sonoran Desert                    | 30      | 30      | Spring            | Yellow        | 0        |          |
| 3                    | <i>Quercus arizonica</i>                  | Arizona White Oak                          | Sonoran Desert, Chihuahuan Desert | 60      | 30      |                   | Inconspicuous | 5        |          |
| 3                    | <i>Quercus buckleyi</i>                   | Texas Red Oak                              | Western Texas                     | 30      | 30      |                   | Inconspicuous | 5        |          |
| 3                    | <i>Quercus emoryi</i>                     | Emory Oak                                  | Sonoran Desert, Chihuahuan Desert | 50      | 40      |                   | Inconspicuous | 5        |          |
| 3                    | <i>Quercus fusiformis</i>                 | Texas Live Oak, Escarpment Live Oak        | Western Texas                     | 50      | 50      |                   | Inconspicuous | -10      |          |
| 3                    | <i>Quercus ilex</i>                       | Holly Oak                                  | Mediterranean                     | 50      | 50      |                   | Inconspicuous | 5        |          |
| 3                    | <i>Quercus muehlenbergii</i>              | Chinquapin Oak                             | Western Texas                     | 30      | 30      |                   | Inconspicuous | -20      |          |
| 3                    | <i>Quercus polymorpha</i>                 | Netleaf White Oak, Monterey Oak            | Western Texas                     | 80      | 60      |                   | Inconspicuous | 0        |          |
| 3                    | <i>Quercus suber</i>                      | Cork Oak,                                  | Mediterranean                     | 60      | 40      |                   | Inconspicuous | 5        |          |
| 3                    | <i>Quercus virginiana</i>                 | Live Oak, Southern Live Oak                | Southeast U.S.                    | 50      | 50      |                   | Inconspicuous | 15       |          |
| 3                    | <i>Sambucus nigra subsp. cerulea</i>      | Blue Elderberry, Mexican Elderberry        | Sonoran Desert, Chihuahuan Desert | 30      | 20      | Winter and Spring | Cream         | 25       |          |
| 2                    | <i>Sapindus saponaria var. drummondii</i> | Western Soapberry, Soapberry               | Sonoran Desert, Chihuahuan Desert | 30      | 30      | Late Spring       | Cream         | 5        |          |
| 3                    | <i>Schinus molle</i>                      | Peruvian Peppertree, California Peppertree | South America                     | 40      | 45      | Summer            | Inconspicuous | 25       |          |
| 3                    | <i>Ungnadia speciosa</i>                  | Mexican Buckeye                            | Chihuahuan Desert                 | 12      | 12      | Spring            | Pink          | 10       |          |
| 3                    | <i>Vachellia bravoensis</i>               | Schaffner's Wattle, Bravo Acacia           | Chihuahuan Desert                 | 25      | 20      | Spring            | Yellow        | 17       |          |
| 2                    | <i>Vitex agnus-castus</i>                 | Lilac Chastetree, Chastetree               | Mediterranean                     | 25      | 25      | Summer to Fall    | Blue          | 5        |          |
| 2                    | <i>Washingtonia filifera</i>              | California Fan Palm                        | Sonoran Desert                    | 45      | 15      | Summer            | Cream         | 20       |          |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| TREE                 |                             |                              |                |         |         |              |               |          |          |
|----------------------|-----------------------------|------------------------------|----------------|---------|---------|--------------|---------------|----------|----------|
| H <sub>2</sub> O Use | Botanical Name              | Common Name(s)               | Origin         | Ht (ft) | Wt (ft) | Bloom Season | Flower Color  | Cold Tol | Comments |
| 2                    | <i>Washingtonia robusta</i> | Washington Fan Palm          | Sonoran Desert | 75      | 10      | Summer       | Cream         | 15       |          |
| 2                    | <i>Ziziphus jujuba</i>      | Chinese Jujube, Chinese Date | Asia           | 40      | 30      | Spring       | Cream, Yellow | 20       |          |

| VINE                 |                                |                                         |                                   |         |         |                   |                  |          |                     |
|----------------------|--------------------------------|-----------------------------------------|-----------------------------------|---------|---------|-------------------|------------------|----------|---------------------|
| H <sub>2</sub> O Use | Botanical Name                 | Common Name(s)                          | Origin                            | Ht (ft) | Wt (ft) | Bloom Season      | Flower Color     | Cold Tol | Comments            |
| 2                    | <i>Antigonon leptopus</i>      | Coral Vine, Queen's Wreath              | Sonoran Desert                    | 20      | 20      | Summer and Fall   | Pink, White, Red | 15       |                     |
| 2                    | <i>Callaeum macropterum</i>    | Hillyhock, Yellow Orchid Vine           | Sonoran Desert, Chihuahuan Desert | 25      | 25      | Spring and Summer | Yellow           | 22       |                     |
| 3                    | <i>Campsis radicans</i>        | Trumpet Creeper, Common Trumpet Creeper | Southeast U.S.                    | 20      | 20      | Summer to Fall    | Orange, Red      | 15       |                     |
| 2                    | <i>Cissus trifoliata</i>       | Sorrelvine, Grape Ivy                   | Sonoran Desert, Chihuahuan Desert | 20      | 20      | Summer            | Inconspicuous    | 20       |                     |
| 2                    | <i>Dolichandra unguis-cati</i> | Catclawvine                             | United States                     | 30      | 30      | Spring            | Yellow           | 20       | Daisy-like flowers. |
| 2                    | <i>Mascagnia lilacina</i>      | Purple Orchid Vine, Purple Mascagnia    | Chihuahuan Desert                 | 15      | 10      | Spring and Summer | Purple           | 10-15    |                     |
| 2                    | <i>Merremia aurea</i>          | Yellow Morning Glory Vine, Yucca Vine   | Sonoran Desert                    | 25      | 25      | Summer to Fall    | Yellow           | 15       | Small flowers.      |
| 2                    | <i>Passiflora foetida</i>      | Fetid Passionflower, Passion Vine       | Sonoran Desert                    | 10      | 10      | Summer            | White, Purple    | 25       |                     |
| 3                    | <i>Rosa banksiae</i>           | Lady Banks Rose, Tombstone Rose         | China                             | 20      | 20      | Spring            | White, Yellow    | 10       |                     |

## Alphabetical Order by Botanical Name

| BOTANICAL NAME                        | COMMON NAME                  | PLANT TYPE       |
|---------------------------------------|------------------------------|------------------|
| <i>Acacia aneura</i>                  | Mulga                        | Tree             |
| <i>Acacia angustissima</i>            | Prairie Acacia               | Shrub            |
| <i>Acacia craspedocarpa</i>           | Leather-Leaf Acacia          | Shrub            |
| <i>Acacia cultriformis</i>            | Knife Acacia                 | Shrub            |
| <i>Acacia notabilis</i>               | Notable Wattle               | Shrub            |
| <i>Acacia redolens</i>                | Bank Catclaw                 | Shrub            |
| <i>Acacia salicina</i>                | Cooba                        | Tree             |
| <i>Acacia saligna</i>                 | Orange Wattle                | Tree             |
| <i>Acacia stenophylla</i>             | Dalby Myall                  | Tree             |
| <i>Acca sellowiana</i>                | Feijoa                       | Tree             |
| <i>Achnatherum hymenoides</i>         | Indian Ricegrass             | Groundcover      |
| <i>Agave americana</i>                | American Century Plant       | Succulent        |
| <i>Agave asperrima</i>                | Rough Century Plant          | Succulent        |
| <i>Agave bovicornuta</i>              | Cowshorn Agave               | Succulent        |
| <i>Agave bracteosa</i>                | Spider Agave                 | Succulent        |
| <i>Agave chrysantha</i>               | Goldenflower Century Plant   | Succulent        |
| <i>Agave colorata</i>                 | Mescal Ceniza                | Succulent        |
| <i>Agave filifera</i>                 | Thread-Leaf Agave            | Succulent        |
| <i>Agave havardiana</i>               | Havard's Century Plant       | Succulent        |
| <i>Agave mitis var. mitis</i>         | Mitis Agave                  | Succulent        |
| <i>Agave montana</i>                  | Mountain Agave               | Succulent        |
| <i>Agave multifilifera</i>            | Chahuíqui                    | Succulent        |
| <i>Agave murpheyi</i>                 | Murphey's Century Plant      | Succulent        |
| <i>Agave ocahui</i>                   | Ocahui Agave                 | Succulent        |
| <i>Agave ovatifolia</i>               | Whale's Tongue Agave         | Succulent        |
| <i>Agave palmeri</i>                  | Palmer's Agave               | Succulent        |
| <i>Agave parrasana</i>                | Parras Agave                 | Succulent        |
| <i>Agave parryi</i>                   | Parry's Agave                | Succulent        |
| <i>Agave parryi var. huachucensis</i> | Huachuca Agave               | Succulent        |
| <i>Agave parviflora</i>               | Smallflower Century Plant    | Succulent        |
| <i>Agave pelona</i>                   | Mezcal Pelón                 | Succulent        |
| <i>Agave salmiana var. ferox</i>      | Pulque Agave                 | Succulent        |
| <i>Agave schidigera</i>               | Maguey                       | Succulent        |
| <i>Agave shawii</i>                   | Coastal Agave                | Succulent        |
| <i>Agave striata</i>                  | Needle-Leaf Agave            | Succulent        |
| <i>Agave univittata</i>               | Mckelvey's Century Plant     | Succulent        |
| <i>Agave utahensis</i>                | Utah Agave                   | Succulent        |
| <i>Agave victoriae-reginae</i>        | Queen Victoria Agave         | Succulent        |
| <i>Allocauarina verticillata</i>      | Drooping She-Oak             | Tree             |
| <i>Aloe ferox</i>                     | Cape Aloe                    | Succulent        |
| <i>Aloe maculata</i>                  | Tiger Aloe                   | Succulent        |
| <i>Aloe variegata</i>                 | Partridge Breast Aloe        | Succulent        |
| <i>Aloe vera</i>                      | Barbados Aloe                | Succulent        |
| <i>Aloysia gratissima</i>             | Whitebrush                   | Shrub            |
| <i>Aloysia wrightii</i>               | Wright's Bee Brush           | Shrub            |
| <i>Ambrosia deltoidea</i>             | Triangle Bur Ragweed         | Shrub            |
| <i>Ambrosia dumosa</i>                | Burrobush                    | Shrub            |
| <i>Amsonia grandiflora</i>            | Arizona Bluestar             | Perennial Flower |
| <i>Anisacanthus quadrifidus</i>       | Wright's Desert Honeysuckle  | Shrub            |
| <i>Anisacanthus thurberi</i>          | Thurber's Desert Honeysuckle | Shrub            |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| BOTANICAL NAME                                      | COMMON NAME            | PLANT TYPE       |
|-----------------------------------------------------|------------------------|------------------|
| <i>Antigonon leptopus</i>                           | Coral Vine             | Vine             |
| <i>Aristida purpurea</i>                            | Purple Three-Awn       | Grass            |
| <i>Artemisia ludoviciana</i>                        | White Sagebrush        | Shrub            |
| <i>Asclepias linaria</i>                            | Pineneedle Milkweed    | Shrub            |
| <i>Asclepias subulata</i>                           | Rush Milkweed          | Perennial Flower |
| <i>Atriplex canescens</i>                           | Fourwing Saltbush      | Shrub            |
| <i>Atriplex lentiformis</i>                         | Big Saltbush           | Shrub            |
| <i>Atriplex lentiformis subsp. breweri</i>          | Quailbush              | Shrub            |
| <i>Atriplex nummularia</i>                          | Bluegreen Saltbush     | Shrub            |
| <i>Atriplex polycarpa</i>                           | Cattle Saltbush        | Shrub            |
| <i>Atriplex semibaccata</i>                         | Australian Saltbush    | Shrub            |
| <i>Baccharis sarothroides (male varieties only)</i> | Desertbroom            | Shrub            |
| <i>Bahia absinthifolia</i>                          | Hairyseed Bahia        | Perennial Flower |
| <i>Bahiopsis parishii</i>                           | Parish's Goldeneye     | Perennial Flower |
| <i>Baileya multiradiata</i>                         | Desert Marigold        | Perennial Flower |
| <i>Bauhinia lunarioides</i>                         | Texasplume             | Shrub            |
| <i>Bebbia juncea</i>                                | Sweetbush              | Shrub            |
| <i>Berberis harrisoniana</i>                        | Harrison's Barberry    | Shrub            |
| <i>Berberis trifoliolata</i>                        | Algerita               | Shrub            |
| <i>Berlandiera lyrata</i>                           | Lyreleaf Greeneyes     | Perennial Flower |
| <i>Bothriochloa barbinodis</i>                      | Cane Bluestem          | Grass            |
| <i>Bouteloua barbata var. rothrockii</i>            | Rothrock's Grama       | Grass            |
| <i>Bouteloua chondrosioides</i>                     | Sprucetop Grama        | Grass            |
| <i>Bouteloua curtipendula</i>                       | Sideoats Grama         | Grass            |
| <i>Bouteloua eriopoda</i>                           | Black Grama            | Grass            |
| <i>Bouteloua gracilis</i>                           | Blue Grama             | Grass            |
| <i>Bouteloua hirsuta</i>                            | Hairy Grama            | Grass            |
| <i>Bouteloua spp.</i>                               | Grama Grass            | Grass            |
| <i>Brachychiton populneus</i>                       | Bottle Tree            | Tree             |
| <i>Brahea armata</i>                                | Mexican Blue Palm      | Tree             |
| <i>Buchloe dactyloides</i>                          | Buffalograss           | Grass            |
| <i>Buddleja marrubiiifolia</i>                      | Woolly Butterflybush   | Shrub            |
| <i>Bulbine frutescens</i>                           | Bulbine                | Succulent        |
| <i>Caesalpinia gilliesii</i>                        | Bird-Of-Paradise Shrub | Shrub            |
| <i>Caesalpinia mexicana</i>                         | Mexican Holdback       | Shrub            |
| <i>Caesalpinia pulcherrima</i>                      | Pride-Of-Barbados      | Shrub            |
| <i>Callaeum macropterum</i>                         | Hillyhock              | Vine             |
| <i>Calliandra californica</i>                       | Tabardillo             | Shrub            |
| <i>Calliandra eriophylla</i>                        | Fairyduster            | Shrub            |
| <i>Calliandra peninsularis</i>                      | Red Calliandra         | Shrub            |
| <i>Callistemon citrinus</i>                         | Crimson Bottlebrush    | Shrub            |
| <i>Calylophus hartwegii</i>                         | Hartweg's Sundrops     | Groundcover      |
| <i>Campsis radicans</i>                             | Trumpet Creeper        | Vine             |
| <i>Carnegiea gigantea</i>                           | Saguaro                | Cactus           |
| <i>Cassia eremophila</i>                            | Scented Senna          | Shrub            |
| <i>Casuarina cunninghamiana</i>                     | River Sheoak           | Tree             |
| <i>Cathastecum erectum</i>                          | False Grama            | Groundcover      |
| <i>Celtis pallida</i>                               | Spiny Hackberry        | Shrub            |
| <i>Celtis reticulata</i>                            | Netleaf Hackberry      | Tree             |
| <i>Centaurea cineraria</i>                          | Dusty Miller           | Perennial Flower |
| <i>Cephalophyllum alstonii 'Red Spike'</i>          | Red Spike Ice Plant    | Groundcover      |
| <i>Ceratonia siliqua</i>                            | St. John's Bread Tree  | Tree             |

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|--------------------------------------------------------|-------------------------------|------------------|
| <i>Cercis canadensis</i> var. <i>mexicana</i>          | Mexican Redbud                | Tree             |
| <i>Cereus hildmannianus</i>                            | Hedge Cactus                  | Cactus           |
| <i>Chamaerops humilis</i>                              | European Fan Palm             | Tree             |
| <i>Chilopsis linearis</i>                              | Desert Willow                 | Tree             |
| <i>Chitalpa tashkentensis</i>                          | Chitalpa                      | Tree             |
| <i>Chrysactinia mexicana</i>                           | Damianita                     | Shrub            |
| <i>Cissus trifoliata</i>                               | Sorrelvine                    | Vine             |
| <i>Condalia globosa</i>                                | Bitter Snakewood              | Tree             |
| <i>Condalia warnockii</i> var. <i>kearneyana</i>       | Kearney's Snakewood           | Shrub            |
| <i>Convolvulus cneorum</i>                             | Bush Morning Glory            | Shrub            |
| <i>Convolvulus mauritanicus</i>                        | Ground Morning Glory          | Groundcover      |
| <i>Cordia boissieri</i>                                | Anacahuita                    | Tree             |
| <i>Cordia parvifolia</i>                               | Small-Leaf Geigertree         | Shrub            |
| <i>Cupressus arizonica</i>                             | Arizona Cypress               | Tree             |
| <i>Cupressus arizonica</i> var. <i>glabra</i>          | Smooth Bark Cypress           | Tree             |
| <i>Cylindropuntia bigelovii</i>                        | Teddybear Cholla              | Cactus           |
| <i>Cylindropuntia versicolor</i>                       | Staghorn Cholla               | Cactus           |
| <i>Dalbergia sissoo</i>                                | Indian Rosewood               | Tree             |
| <i>Dalea bicolor</i>                                   | Silver Prairie Clover         | Shrub            |
| <i>Dalea bicolor</i> var. <i>argyrea</i>               | Silver Prairie Clover         | Shrub            |
| <i>Dalea capitata</i>                                  | Yellow Dalea                  | Groundcover      |
| <i>Dalea frutescens</i>                                | Black Prairie Clover          | Shrub            |
| <i>Dalea greggii</i>                                   | Gregg's Prairie Clover        | Groundcover      |
| <i>Dalea pulchra</i>                                   | Santa Catalina Prairie Clover | Shrub            |
| <i>Dalea versicolor</i> var. <i>sessilis</i>           | Oakwoods Prairie Clover       | Shrub            |
| <i>Dasyllirion acrotriche</i>                          | Green Desert Spoon            | Succulent        |
| <i>Dasyllirion leiophyllum</i>                         | Green Sotol                   | Succulent        |
| <i>Dasyllirion longissimum</i> var. <i>longissimum</i> | Toothless Desert Spoon        | Succulent        |
| <i>Dasyllirion texanum</i>                             | Texas Sotol                   | Succulent        |
| <i>Dasyllirion wheeleri</i>                            | Common Sotol                  | Succulent        |
| <i>Dasyochloa pulchella</i>                            | Low Woollygrass               | Grass            |
| <i>Dermatophyllum secundiflorum</i>                    | Mescal Bean                   | Shrub            |
| <i>Dicliptera resupinata</i>                           | Arizona Foldwing              | Perennial Flower |
| <i>Dieteria bigelovii</i>                              | Bigelow's Tansyaster          | Annual           |
| <i>Digitaria californica</i>                           | Arizona Cottontop             | Grass            |
| <i>Dodonaea viscosa</i>                                | Florida Hopbush               | Shrub            |
| <i>Dolichandra unguis-cati</i>                         | Catclawvine                   | Vine             |
| <i>Ebenopsis ebano</i>                                 | Texas Ebony                   | Tree             |
| <i>Echinocactus grusonii</i>                           | Golden Barrel                 | Cactus           |
| <i>Echinocereus</i> spp.                               | Hedgehog                      | Cactus           |
| <i>Echinopsis</i> spp.                                 | Easter Lily                   | Cactus           |
| <i>Ephedra nevadensis</i>                              | Nevada Jointfir               | Shrub            |
| <i>Eragrostis intermedia</i>                           | Plains Lovegrass              | Grass            |
| <i>Eremophila decipiens</i>                            | Emu Bush                      | Shrub            |
| <i>Eremophila maculata</i> 'valentine'                 | Valentine Emu Bush            | Shrub            |
| <i>Ericameria laricifolia</i>                          | Turpentine Bush               | Shrub            |
| <i>Erigeron divergens</i>                              | Spreading Fleabane            | Annual           |
| <i>Eriogonum fasciculatum</i>                          | Eastern Mojave Buckwheat      | Shrub            |
| <i>Eriogonum wrightii</i>                              | Bastardsage                   | Shrub            |
| <i>Eschscholzia californica</i>                        | California Poppy              | Annual           |
| <i>Eschscholzia californica</i> subsp. <i>mexicana</i> | Mexican Gold Poppy            | Annual           |
| <i>Eucalyptus camaldulensis</i>                        | River Redgum                  | Tree             |

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|---------------------------------------------------|-------------------------------|------------------|
| <i>Eucalyptus campaspe</i>                        | Silver-Top Gimlet             | Tree             |
| <i>Eucalyptus formanii</i>                        | Forman's Eucalyptus           | Tree             |
| <i>Eucalyptus leucoxylon</i>                      | White Ironbark                | Tree             |
| <i>Eucalyptus microtheca</i>                      | Coolibah                      | Tree             |
| <i>Eucalyptus papuana</i>                         | Ghost Gum                     | Tree             |
| <i>Eucalyptus polyanthemos</i>                    | Redbox                        | Tree             |
| <i>Eucalyptus rudis</i>                           | Western Australian Floodedgum | Tree             |
| <i>Eucalyptus sargentii</i>                       | Salt River Mallee             | Tree             |
| <i>Eucalyptus spathulata</i>                      | Swamp Mallee                  | Tree             |
| <i>Euphorbia antisiphilitica</i>                  | Candelilla                    | Shrub            |
| <i>Euphorbia myrsinites</i>                       | Myrtle Spurge                 | Groundcover      |
| <i>Euphorbia rigida</i>                           | Blue Euphorbia                | Succulent        |
| <i>Eysenhardtia orthocarpa</i>                    | Tahitian Kidneywood           | Tree             |
| <i>Eysenhardtia texana</i>                        | Texas Kidneywood              | Tree             |
| <i>Ferocactus spp.</i>                            | Barrel Cactus                 | Cactus           |
| <i>Fouquieria splendens</i>                       | Ocotillo                      | Succulent        |
| <i>Fraxinus greggii</i>                           | Greg's Ash                    | Shrub            |
| <i>Gaillardia aestivalis</i> var. <i>winkleri</i> | Winkler's Blanketflower       | Perennial Flower |
| <i>Gaillardia pinnatifida</i>                     | Red Dome Blanketflower        | Perennial Flower |
| <i>Gaillardia pulchella</i>                       | Indian Blanket                | Annual           |
| <i>Gazania rigens</i>                             | Treasure-Flower               | Groundcover      |
| <i>Gazania rigens</i> var. <i>leucolaena</i>      | Trailing Gazania              | Groundcover      |
| <i>Geoffroea decorticans</i>                      | Chañar                        | Tree             |
| <i>Glandularia gooddingii</i>                     | Southwestern Mock Vervain     | Perennial Flower |
| <i>Glandularia peruviana</i>                      | Peruvian Mock Vervain         | Perennial Flower |
| <i>Glandularia tenera</i>                         | South American Mock Vervain   | Perennial Flower |
| <i>Gutierrezia sarothrae</i>                      | Broom Snakeweed               | Shrub            |
| <i>Hamelia patens</i>                             | Scarletbush                   | Shrub            |
| <i>Havardia mexicana</i>                          | Mexican Ebony                 | Tree             |
| <i>Havardia pallens</i>                           | Haujillo                      | Tree             |
| <i>Hesperaloe campanulata</i>                     | Bell Flowering Hesperaloe     | Succulent        |
| <i>Hesperaloe funifera</i>                        | New Mexico False Yucca        | Succulent        |
| <i>Hesperaloe nocturna</i>                        | Night Flowering Hesperaloe    | Succulent        |
| <i>Hesperaloe parviflora</i>                      | Redflower False Yucca         | Succulent        |
| <i>Hesperoyucca whipplei</i>                      | Chaparral Yucca               | Succulent        |
| <i>Heteropogon contortus</i>                      | Tanglehead                    | Grass            |
| <i>Hibiscus coulteri</i>                          | Desert Rosemallow             | Shrub            |
| <i>Hilaria belangeri</i>                          | Curly-Mesquite                | Grass            |
| <i>Hilaria mutica</i>                             | Tobosagrass                   | Grass            |
| <i>Hilaria rigida</i>                             | Big Galleta                   | Grass            |
| <i>Hyptis emoryi</i>                              | Desert Lavender               | Shrub            |
| <i>Jatropha cardiophylla</i>                      | Sangre De Cristo              | Shrub            |
| <i>Jatropha dioica</i>                            | Leatherstem                   | Shrub            |
| <i>Juniperus chinensis</i>                        | Chinese Juniper               | Tree             |
| <i>Juniperus deppeana</i>                         | Alligator Juniper             | Tree             |
| <i>Juniperus sabina</i>                           | Savin                         | Shrub            |
| <i>Justicia californica</i>                       | Beloperone                    | Shrub            |
| <i>Justicia candicans</i>                         | Arizona Water-Willow          | Shrub            |
| <i>Justicia spicigera</i>                         | Mohintli                      | Shrub            |
| <i>Larrea tridentata</i>                          | Creosote Bush                 | Shrub            |
| <i>Leptochloa dubia</i>                           | Green Sprangletop             | Grass            |
| <i>Leucaena retusa</i>                            | Littleleaf Leadtree           | Tree             |

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|-----------------------------------------------|---------------------------------|------------------|
| <i>Leucophyllum spp.</i>                      | Texas Sage                      | Shrub            |
| <i>Linum grandiflorum 'Rubrum'</i>            | Scarlet Flax                    | Annual           |
| <i>Linum lewisii</i>                          | Lewis Flax                      | Annual           |
| <i>Lotus rigidus</i>                          | Shrubby Deervetch               | Perennial Flower |
| <i>Lupinus arizonicus</i>                     | Arizona Lupine                  | Annual           |
| <i>Lupinus sparsiflorus</i>                   | Coulter's Lupine                | Annual           |
| <i>Lupinus succulentus</i>                    | Hollowleaf Annual Lupine        | Annual           |
| <i>Lycium andersonii</i>                      | Water Jacket                    | Shrub            |
| <i>Lycium exsertum</i>                        | Arizona Desert-Thorn            | Shrub            |
| <i>Lycium fremontii</i>                       | Fremont's Desert-Thorn          | Shrub            |
| <i>Lycium pallidum</i>                        | Pale Desert-Thorn               | Shrub            |
| <i>Machaeranthera tanacetifolia</i>           | Tanseyleaf Tansyaster           | Annual           |
| <i>Mamillaria spp.</i>                        | Pincushion Cactus               | Cactus           |
| <i>Mascagnia lilacina</i>                     | Purple Orchid Vine              | Vine             |
| <i>Maytenus phyllanthoides</i>                | Florida Mayten                  | Shrub            |
| <i>Melampodium leucanthum</i>                 | Plains Blackfoot                | Groundcover      |
| <i>Merremia aurea</i>                         | Yellow Morning Glory Vine       | Vine             |
| <i>Mimosa dysocarpa</i>                       | Velvetpod Mimosa                | Shrub            |
| <i>Mirabilis multiflora</i>                   | Colorado Four O'clock           | Perennial Flower |
| <i>Muhlenbergia capillaris 'Regal Mist'</i>   | Regal Mist                      | Grass            |
| <i>Muhlenbergia dumosa</i>                    | Bamboo Muhly                    | Grass            |
| <i>Muhlenbergia emersleyi</i>                 | Bullgrass                       | Grass            |
| <i>Muhlenbergia lindheimeri 'Autumn Glow'</i> | Autumn Glow Muhly               | Grass            |
| <i>Muhlenbergia porteri</i>                   | Bush Muhly                      | Grass            |
| <i>Muhlenbergia rigens</i>                    | Deergrass                       | Grass            |
| <i>Muhlenbergia rigida</i>                    | Purple Muhly                    | Grass            |
| <i>Myoporum parvifolium</i>                   | Slender Myoporum                | Groundcover      |
| <i>Myrtus communis</i>                        | Myrtle                          | Shrub            |
| <i>Nandina domestica</i>                      | Sacred Bamboo                   | Shrub            |
| <i>Nassella tenuissima</i>                    | Finestem Needlegrass            | Grass            |
| <i>Nerium oleander</i>                        | Oleander                        | Shrub            |
| <i>Nolina beltingii</i>                       | Belding's Nolina                | Succulent        |
| <i>Nolina bigelovii</i>                       | Bigelow's Nolina                | Succulent        |
| <i>Nolina lindheimeriana</i>                  | Devil's Shoestring              | Succulent        |
| <i>Nolina matapensis</i>                      | Tree Beargrass                  | Succulent        |
| <i>Nolina microcarpa</i>                      | Sacahuista                      | Succulent        |
| <i>Nolina nelsonii</i>                        | Blue Nolina                     | Succulent        |
| <i>Nolina parryi</i>                          | Parry's Beargrass               | Succulent        |
| <i>Nolina texana</i>                          | Texas Sacahuista                | Succulent        |
| <i>Oenothera berlandieri</i>                  | Mexican Evening Primrose        | Perennial Flower |
| <i>Oenothera caespitosa</i>                   | Tufted Evening Primrose         | Perennial Flower |
| <i>Oenothera stubbei</i>                      | Saltillo Evening Primrose       | Groundcover      |
| <i>Olea europaea</i>                          | Olive                           | Tree             |
| <i>Olneya tesota</i>                          | Desert Ironwood                 | Tree             |
| <i>Opuntia basilaris</i>                      | Beavertail Pricklypear          | Cactus           |
| <i>Opuntia engelmannii</i>                    | Cactus Apple                    | Cactus           |
| <i>Opuntia ficus-indica</i>                   | Barbary Fig                     | Cactus           |
| <i>Opuntia macrocentra</i>                    | Purple Pricklypear              | Cactus           |
| <i>Opuntia microdasys</i>                     | Angel's-Wings                   | Cactus           |
| <i>Opuntia santa-rita</i>                     | Santa Rita Prickly Pear         | Cactus           |
| <i>Opuntia santa-rita 'Tubac'</i>             | Santa Rita Prickly Pear 'Tubac' | Cactus           |
| <i>Osteospermum fruticosum</i>                | Shrubby Daisybush               | Groundcover      |

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|-------------------------------------------|---------------------------|------------------|
| <i>Pappophorum mucronulatum</i>           | Whiplash Pappusgrass      | Grass            |
| <i>Parkinsonia florida</i>                | Blue Palo Verde           | Tree             |
| <i>Parkinsonia hybrid 'Desert Museum'</i> | Desert Museum Palo Verde  | Tree             |
| <i>Parkinsonia microphylla</i>            | Yellow Palo Verde         | Tree             |
| <i>Parkinsonia praecox</i>                | Palo Brea                 | Tree             |
| <i>Parkinsonia x sonorae</i>              | Sonoran Palo Verde        | Tree             |
| <i>Passiflora foetida</i>                 | Fetid Passionflower       | Vine             |
| <i>Pennisetum setaceum 'Cupreum'</i>      | Red Fountain Grass        | Grass            |
| <i>Penstemon ambiguus var. laevis</i>     | Pink Plains Penstemon     | Perennial Flower |
| <i>Penstemon amphorellae</i>              | Mexican Blue Penstemon    | Perennial Flower |
| <i>Penstemon baccharifolius</i>           | Baccharisleaf Beardtongue | Perennial Flower |
| <i>Penstemon barbatus</i>                 | Beardlip Penstemon        | Perennial Flower |
| <i>Penstemon cardinalis</i>               | Cardinal Beardtongue      | Perennial Flower |
| <i>Penstemon cobaea</i>                   | Cobaea Beardtongue        | Perennial Flower |
| <i>Penstemon eatonii</i>                  | Firecracker Penstemon     | Perennial Flower |
| <i>Penstemon fendleri</i>                 | Fendler's Penstemon       | Perennial Flower |
| <i>Penstemon grandiflorus</i>             | Large Beardtongue         | Perennial Flower |
| <i>Penstemon palmeri</i>                  | Palmer's Penstemon        | Perennial Flower |
| <i>Penstemon parryi</i>                   | Parry's Beardtongue       | Perennial Flower |
| <i>Penstemon pinifolius</i>               | Pineneedle Beardtongue    | Perennial Flower |
| <i>Penstemon pseudospectabilis</i>        | Desert Penstemon          | Perennial Flower |
| <i>Penstemon spectabilis</i>              | Showy Penstemon           | Perennial Flower |
| <i>Penstemon strictus</i>                 | Rocky Mountain Penstemon  | Perennial Flower |
| <i>Penstemon subulatus</i>                | Hackberry Beardtongue     | Perennial Flower |
| <i>Penstemon superbis</i>                 | Superb Beardtongue        | Perennial Flower |
| <i>Penstemon triflorus</i>                | Heller's Beardtongue      | Perennial Flower |
| <i>Penstemon wrightii</i>                 | Wright's Beardtongue      | Perennial Flower |
| <i>Pentzia incana</i>                     | African Sheepbush         | Groundcover      |
| <i>Phacelia campanularia</i>              | Desertbells               | Annual           |
| <i>Phacelia tanacetifolia</i>             | Lacy Phacelia             | Annual           |
| <i>Phoenix canariensis</i>                | Canary Island Date Palm   | Tree             |
| <i>Phoenix dactylifera</i>                | Date Palm                 | Tree             |
| <i>Phyla nodiflora</i>                    | Turkey Tangle Fogfruit    | Groundcover      |
| <i>Pinus brutia var. eldarica</i>         | Afghan Pine               | Tree             |
| <i>Pinus edulis</i>                       | Twoneedle Pinyon          | Tree             |
| <i>Pinus halepensis</i>                   | Aleppo Pine               | Tree             |
| <i>Pinus monophylla</i>                   | Singleleaf Pinyon Pine    | Tree             |
| <i>Pinus pinea</i>                        | Italian Stone Pine        | Tree             |
| <i>Pinus roxburghii</i>                   | Chir Pine                 | Tree             |
| <i>Pistacia atlantica</i>                 | Mt. Atlas Mastic Tree     | Tree             |
| <i>Pistacia atlantica x integerrima</i>   | Red Push Pistache         | Tree             |
| <i>Pistacia chinensis</i>                 | Chinese Pistache          | Tree             |
| <i>Pistacia vera</i>                      | Pistachio Nut             | Tree             |
| <i>Pittosporum phillyraeoides</i>         | Willow Pittosporum        | Tree             |
| <i>Plantago spp.</i>                      | Indianwheat               | Annual           |
| <i>Poliomintha maderensis</i>             | Lavendar Spice            | Shrub            |
| <i>Prosopis hybrid</i>                    | South American Mesquite   | Tree             |
| <i>Prosopis chilensis</i>                 | Algarrobo                 | Tree             |
| <i>Prosopis glandulosa</i>                | Honey Mesquite            | Tree             |
| <i>Prosopis pubescens</i>                 | Screwbean Mesquite        | Tree             |
| <i>Prosopis velutina</i>                  | Velvet Mesquite           | Tree             |
| <i>Psilostrophe cooperi</i>               | Whitestem Paperflower     | Perennial Flower |

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|-------------------------------------------|------------------------|------------------|
| <i>Psilostrophe tagetina</i>              | Woolly Paperflower     | Perennial Flower |
| <i>Punica granatum</i>                    | Pomegranate            | Shrub            |
| <i>Pyracantha spp.</i>                    | Pyracantha             | Shrub            |
| <i>Quercus arizonica</i>                  | Arizona White Oak      | Tree             |
| <i>Quercus buckleyi</i>                   | Texas Red Oak          | Tree             |
| <i>Quercus emoryi</i>                     | Emory Oak              | Tree             |
| <i>Quercus fusiformis</i>                 | Texas Live Oak         | Tree             |
| <i>Quercus gambelii</i>                   | Gambel Oak             | Shrub            |
| <i>Quercus ilex</i>                       | Holly Oak              | Tree             |
| <i>Quercus muehlenbergii</i>              | Chinquapin Oak         | Tree             |
| <i>Quercus polymorpha</i>                 | Netleaf White Oak      | Tree             |
| <i>Quercus suber</i>                      | Cork Oak               | Tree             |
| <i>Quercus turbinella</i>                 | Sonoran Scrub Oak      | Shrub            |
| <i>Quercus virginiana</i>                 | Live Oak               | Tree             |
| <i>Rhus microphylla</i>                   | Littleleaf Sumac       | Shrub            |
| <i>Rhus ovata</i>                         | Sugar Sumac            | Shrub            |
| <i>Rhus trilobata</i>                     | Skunkbush Sumac        | Shrub            |
| <i>Rhus virens</i>                        | Evergreen Sumac        | Shrub            |
| <i>Rosa banksiae</i>                      | Lady Banks Rose        | Vine             |
| <i>Rosmarinus officinalis</i>             | Rosemary               | Shrub            |
| <i>Ruellia coerulea</i>                   | Britton's Wild Petunia | Groundcover      |
| <i>Ruschia uncinata</i>                   | Ruschia                | Succulent        |
| <i>Salvia chamaedryoides</i>              | Blue Sage              | Shrub            |
| <i>Salvia clevelandii</i>                 | Fragrant Sage          | Shrub            |
| <i>Salvia columbariae</i>                 | Chia                   | Annual           |
| <i>Salvia dorrii</i>                      | Purple Sage            | Shrub            |
| <i>Salvia greggii</i>                     | Autumn Sage            | Shrub            |
| <i>Salvia hybrid</i>                      | Trident                | Shrub            |
| <i>Salvia leucantha</i>                   | Mexican Bush Sage      | Shrub            |
| <i>Salvia mohavensis</i>                  | Mojave Sage            | Shrub            |
| <i>Sambucus nigra subsp. cerulea</i>      | Blue Elderberry        | Tree             |
| <i>Santolina chamaecyparissus</i>         | Lavender Cotton        | Shrub            |
| <i>Santolina virens</i>                   | Green Santolina        | Perennial Flower |
| <i>Sapindus saponaria var. drummondii</i> | Western Soapberry      | Tree             |
| <i>Schinus molle</i>                      | Peruvian Peppertree    | Tree             |
| <i>Senecio bicolor subsp. cineraria</i>   | Dusty Miller           | Perennial Flower |
| <i>Senegalia berlandieri</i>              | Guajillo               | Shrub            |
| <i>Senegalia greggii</i>                  | Catclaw Acacia         | Shrub            |
| <i>Senna artemisioides</i>                | Silver Senna           | Shrub            |
| <i>Senna covesii</i>                      | Coues' Cassia          | Perennial Flower |
| <i>Senna lindheimeriana</i>               | Velvet Leaf Senna      | Shrub            |
| <i>Senna phyllodinea</i>                  | Silvery Cassia         | Shrub            |
| <i>Senna wislizeni</i>                    | Wislizenus' Senna      | Shrub            |
| <i>Simmondsia chinensis</i>               | Jojoba                 | Shrub            |
| <i>Sphaeralcea ambigua</i>                | Desert Globemallow     | Perennial Flower |
| <i>Sporobolus airoides</i>                | Alkali Sacaton         | Grass            |
| <i>Sporobolus contractus</i>              | Spike Dropseed         | Grass            |
| <i>Sporobolus cryptandrus</i>             | Sand Dropseed          | Grass            |
| <i>Sporobolus flexuosus</i>               | Mesa Dropseed          | Grass            |
| <i>Sporobolus wrightii</i>                | Big Sacaton            | Grass            |
| <i>Tagetes lemmonii</i>                   | Lemmon's Marigold      | Perennial Flower |
| <i>Tephrocactus articulatus</i>           | Pinecone Pricklypear   | Cactus           |

Santa Cruz Active Management Area Low-Water-Use/Drought-Tolerant Plant List

| BOTANICAL NAME                                  | COMMON NAME               | PLANT TYPE       |
|-------------------------------------------------|---------------------------|------------------|
| <i>Tetraneuris acaulis</i>                      | Stemless Four-Nerve Daisy | Perennial Flower |
| <i>Teucrium chamaedrys</i> 'Prostratum'         | Prostrate Germander       | Groundcover      |
| <i>Teucrium fruticans</i>                       | Shrubby Germander         | Shrub            |
| <i>Thymophylla acerosa</i>                      | Pricklyleaf Dogweed       | Groundcover      |
| <i>Thymophylla pentachaeta</i>                  | Fiveneedle Pricklyleaf    | Groundcover      |
| <i>Trichloris crinita</i>                       | False Rhodes Grass        | Grass            |
| <i>Tridens muticus</i>                          | Slim Tridens              | Grass            |
| <i>Trixis californica</i>                       | American Threefold        | Shrub            |
| <i>Ungnadia speciosa</i>                        | Mexican Buckeye           | Tree             |
| <i>Vachellia bravoensis</i>                     | Schaffner's Wattle        | Tree             |
| <i>Vachellia constricta</i>                     | Whitethorn Acacia         | Shrub            |
| <i>Vachellia farnesiana</i>                     | Sweet Acacia              | Shrub            |
| <i>Vachellia rigidula</i>                       | Blackbrush Acacia         | Shrub            |
| <i>Vauquelinia californica</i>                  | Arizona Rosewood          | Shrub            |
| <i>Vauquelinia corymbosa</i>                    | Slimleaf Rosewood         | Shrub            |
| <i>Verbena rigida</i>                           | Tuberous Vervain          | Perennial Flower |
| <i>Verbena tenuisecta</i> 'Edith'               | Moss Verbena              | Groundcover      |
| <i>Verbesina encelioides</i>                    | Golden Crownbeard         | Annual           |
| <i>Viguiera stenoloba</i>                       | Resinbush                 | Shrub            |
| <i>Vitex agnus-castus</i>                       | Lilac Chastetree          | Tree             |
| <i>Washingtonia filifera</i>                    | California Fan Palm       | Tree             |
| <i>Washingtonia robusta</i>                     | Washington Fan Palm       | Tree             |
| <i>Wedelia acapulcensis</i> var. <i>hispida</i> | Hairy Wedelia             | Shrub            |
| <i>Xylosma congesta</i>                         | Dense Logwood             | Shrub            |
| <i>Yucca aloifolia</i>                          | Aloe Yucca                | Succulent        |
| <i>Yucca baccata</i>                            | Banana Yucca              | Succulent        |
| <i>Yucca baileyi</i>                            | Navajo Yucca              | Succulent        |
| <i>Yucca brevifolia</i>                         | Joshua Tree               | Succulent        |
| <i>Yucca constricta</i>                         | Buckley's Yucca           | Succulent        |
| <i>Yucca elata</i>                              | Soaptree Yucca            | Succulent        |
| <i>Yucca faxoniana</i>                          | Eve's Needle              | Succulent        |
| <i>Yucca filifera</i>                           | St. Peter's Palm          | Succulent        |
| <i>Yucca glauca</i>                             | Soapweed Yucca            | Succulent        |
| <i>Yucca harrimaniae</i>                        | Spanish Bayonet           | Succulent        |
| <i>Yucca pallida</i>                            | Twistleaf Yucca           | Succulent        |
| <i>Yucca rigida</i>                             | Blue Yucca                | Succulent        |
| <i>Yucca rostrata</i>                           | Beaked Yucca              | Succulent        |
| <i>Yucca schidigera</i>                         | Mojave Yucca              | Succulent        |
| <i>Yucca schottii</i>                           | Schott's Yucca            | Succulent        |
| <i>Yucca thompsoniana</i>                       | Thompson's Yucca          | Succulent        |
| <i>Yucca torreyi</i>                            | Torrey's Yucca            | Succulent        |
| <i>Yucca treculeana</i>                         | Don Quixote's Lace        | Succulent        |
| <i>Zauschneria californica</i>                  | Hummingbird Trumpet       | Groundcover      |
| <i>Zephyranthes</i> spp.                        | Zephyrlily                | Perennial Flower |
| <i>Zinnia acerosa</i>                           | Desert Zinnia             | Perennial Flower |
| <i>Zinnia grandiflora</i>                       | Rocky Mountain Zinnia     | Perennial Flower |
| <i>Ziziphus jujuba</i>                          | Chinese Jujube            | Tree             |