

Encinitas Native Plant Ordinance

Select Acronym

SWCA Native Plan Lists Summary Table

Cat-IPC = California Invasive Plant Council

CNPS = California Native Plant Society

CCH = Consortium of California Herbaria

L.A. = landscape architect

WUCOLS = Water Use Classification of landscape Species

USDA = United States Department of Agriculture

1/30/2025

Name	Sponsor/Organization	Link	Document Type	Maintained	Contact Information	Simple or Complex	Database (Y/N)	Description	Defensibility of Definition(s)	Pro(s)	Con(s)	Recommend Use per Consultant's Research	Industry Use	Recommended Category for Ordinance Use
CalScape	CNPS	https://calscape.org/search	Web-based document or list; Excel spreadsheet	Yes; frequency unknown	https://calscape.org/contact	Moderate-Complex	Y	Searchable database of 8550 plants native to California; Includes pages to guide in finding native plants, designing, finding nurseries, garden care, and locating landscape professionals; Adopts the taxonomy of the Jepson eFlora uses the CCH distributional information to model potential plant ranges. CalScape is a partnership of home gardeners, volunteers, industry professionals, universities, and funders	High	User-friendly search and filtering options; Searchable by address, nursery availability, plant type, sun and water needs, special uses, soil drainage, ease of care, wildlife suitability, size, flowering season, seasonality, cultivars and plant communities. Searchable by scientific and common names. Can save lists to personal account.	(1) Does not include any non-natives, so it cannot be used to verify that a plant is not native. Not a significant concern, as this can be resolved with a secondary search on an alternative website. (2) Search for "Southern California" does not generate a comprehensive list. Not a significant concern. Plant range can be confirmed on species page. (3) Does not include all common names.	Recommend as primary list for defining natives. Use secondary list (i.e. WUCOLS, Calflora, or USDA plants) for species that aren't found on this list when searching.	Landscape architect	Primary/Secondary List for Native and Non-Native Classification
Calflora Search for Plants	Calflora	https://www.calflora.org/search.html	Web-Based Document or List	Yes; Updates information from each authority as needed (e.g., typically updates information from the Jepson eFlora 3 times per year)	(510) 883-3148 spprt@calflora.org	Complex	Y	Searchable database. Includes a planting guide search page. Calflora references many sources including the Consortium of California Herbaria, iNaturalist, public agencies, nonprofits, scientists, private donors, and site users that enter information (a list of all data sources is available at https://www.calflora.org/occ/about-data.html); The Jepson eFlora (JEF) USDA plants. Taxonomic treatments follow the Flora of North America north of Mexico. The CNPS Inventory of Rare and Endangered Plants; This is a list of ~2500 rare plants; Certain names are accepted by CNPS which are synonymized by the other authorities; Plants of the World Online (POWO), from the Royal Botanic Gardens, Kew; iNaturalist; iNaturalist uses POWO preferred names for most taxa, but sometimes uses names not	High	List is comprehensive; Searchable county, plant type, CA native status, and plant community; Searchable by scientific and common names; On the planting guide page you can search by address and select from a number of criteria including low water, riparian, shade, sci name, common name, etc.; Can save palettes to personal account.	(1) Does not include all common names. (2) Taxonomically current; (3) Lacks information about plant care and landscape use. (4) Less user friendly than WUCOLS;	Not recommended for primary list source, could be secondary. Intended for professional biologists but accessible to DIY homeowners.	Professional biologist; landscape architect	Primary/Secondary List for Native and Non-Native Classification
Water Use Classification of landscape Species (WUCOLS)	UC Davis, California Center for Urban Horticulture	https://ccuh.ucdavis.edu/wucols-db	Downloadable lists based on selected search criteria	Yes; frequency TBD	530-752-1011; https://ccuh.ucdavis.edu/contact	Simple	Y	Searchable database that provides water use information about plants commonly used in California gardens; plant list based on a pool of landscape architects.	Low	User-friendly; Searchable by City/Region, Plant Name, Water Use, Plant Types, and CA native status; Provides information about plant maintenance and use in landscapes, including water use by climatic zone; Includes photographs for most spp.; Plants can be saved to "favorites" and subsequently downloaded in a variety of formats	(1) Limited to query options if plant name is unknown, or if only common name is known (3) Database is not comprehensive, it only includes the most commonly used plants by landscape architects	Good resource for initial palette development, to be improved with input from primary list(s). Especially useful for complying with municipal water district water use requirements.	General public; landscape architect	Primary/Secondary List for Native and Non-Native Classification
USDA Plants Database	Natural Resources Conservation Service U.S. DEPARTMENT OF AGRICULTURE	https://plants.usda.gov/	Database	Yes; frequency TBD	USDA plants Database Team	Complex	Y	Searchable database of plant attributes, taxonomy and symbols; Intended to provide standardized information about the vascular plants, mosses, liverworts, hornworts, and lichens of the United States and its territories. It includes names, plant symbols, checklists, distributional data, species abstracts, characteristics, images, crop information, automated tools, web links, and references; Native and naturalized plants of the PLANTS Floristic Area (PFA), which consists of North America and all additional U.S. territories and protectorates. 38,000 plants + additional 5000 non-naturalized species. References the CNPS Inventory of Rare and Endangered Plants and the Jepson eFlora.	High	Searchable by plant type, growth habit, rarity, invasives, and U.S. State; Detailed information on appearance, uses, growth needs, and ecological roles. Features like Characteristics Search and the National Wetland Plant List help identify plants based on specific traits and wetland indicators. Includes lists of invasive species and endangered plants, supporting conservation and land management efforts. Fact sheets and plant guides provide detailed, practical information for restoration and management.	(1) Search queries cannot be combined; (2) when searching a state, you must choose by state and individual plant, rather than by a state or subregion to produce a comprehensive list for that geography; (3) is not user-friendly for the general public	Not recommended for primary list source, could be secondary. Intended for professional natural resource specialists, but could be useful for landscape architects	Professional biologist; landscape architect	Primary/Secondary List for Native and Non-Native Classification
San Diego County Plant Atlas	The Natural History Museum (The Nat)	https://www.sdplantatlas.org/	Web-Based Document or List	Yes; The plant specimen information (i.e., the info under the plant searches, plant Mapping tabs, etc.) are dynamic, so they are updated as the collection is updated.	plantatlas@sdnhm.org	Complex	Y	Intensive plant specimen collecting effort begun in 2003. High density survey of the more than 2800 species found in the county. Scientifically-sound, intended as a tool for professional botanists, biologists or citizen scientists.	High	Intensive plant specimen collecting effort begun in 2003. High density survey of the more than 2800 species found in the county. Scientifically-sound, intended as a tool for professional botanists, biologists or citizen scientists.	(1) Not designed for general public or landscaping; (2) Focused on San Diego County, not Southern California; (3) Steep learning curve/not user-friendly	Not recommended for primary list sources, could be secondary but ultimately recommend as a general resource for interested users and not the ordinance reference.	Research	Primary/Secondary List for Native and Non-Native Classification OR Professional Resource
Consortium of California Herbaria (CCH)	Consortium of California Herbaria (CCH)	https://ucjeps.berkeley.edu/consortium/	Web-Based Document or List	Yes; frequency TBD	Jason Alexander is listed as TEjason_alexander@berkeley.edu	Complex	Y	Highly-curated vascular plant data from the Consortium of California Herbaria and other California specimens housed in herbaria, worldwide. CCH adopts the taxonomy of the Jepson eFlora and is tightly linked with their work on California vascular plants.	High	Highly-curated vascular plant data from the CCH and other CA specimens housed in herbaria, worldwide. Scientifically-sound. Can provide historical reference for plant distributions. CCH adopts the taxonomy of the Jepson eFlora. Provides coordinate data for as many California specimens as possible	(1) Not easy to use; (2) No common name search, or general regional lists; (3) Returns individual specimen observations (4) Extensive... too much information to navigate; (5) Intended more so for use by researchers or professional botanists / biologists (6) Steep learning curve	Not recommended for primary list sources, could be secondary but ultimately recommend as a general resource for interested users and not the ordinance reference.	Botanist	Primary/Secondary List for Native and Non-Native Classification OR Professional Resource
Jepson	University of Berkeley, CA	https://ucjeps.berkeley.edu/eflora/	Web-Based Document or List	Yes; frequency TBD	(510) 642-2465 ucjeps-collections@berkeley.edu	Very Complex	Y	A dichotomous key available in hardcopy or as an online "e-flora"; Jepson is the authoritative floristic reference for the state of California.	High	Statewide resource for industry professionals. High quality data for those who need to identify/key native plants	(1) Focus on plant identification, dichotomous key, too much for the home gardener; (2) No non-natives; (3) Only single plant searches/no geographical lists/no zip codes/county	Not recommended for primary list sources, could be secondary but ultimately recommend as a general resource for interested users and not the ordinance reference.	Botanist	Primary/Secondary List for Native and Non-Native Classification OR Professional Resource
CalIPC	California Invasive Plant Council	California Invasive plant Council - Protecting California's environment and economy from invasive plants	Web-Based Document or List	Yes; frequency TBD	(510) 843-3902 info@cal-ipc.org	Complex	Y	Inventory of non-native plant species that threaten California's natural areas. Includes both invasive and "watch" plants that could become invasive in the future. Although they are an organization that focuses on invasive or threatening species to California natural areas, they do include the Jepson manual as a reference.	Defines invasive plants	Categorization is based on ecological impact assessments. Represents the best available knowledge from invasive plant experts in California.	It has no regulatory authority.	Should be used for determining invasive species only, not appropriate for defining native plants.	Professional biologist	Other Resource for Potential General Public Use OR Professional Use
Las Plittas	Native Plant Nursery	https://www.landscapearchitectsplittas.com/groups/native-plants-san-diego.html	Web-Based Document or List	Infrequently, 2022	Not Applicable	Simple	Y	Simple, nice looking webpage, good selection on plant list. References include The Jepson Manual	Moderate	Great videos imbedded; Searchable zip-code database for native plant community	Too short	Not Applicable		Seed/Plant Material Resource
Moosa Creek	Native Plant Nursery	Native plants California for sustainable & wildlife landscapes	Web-Based Document or List	Frequently	760-749-3216 nursery@moosacreek.com	Simple	N	Native plant nursery. They use Calflora or CalScape.	Moderate	They grow a variety of native plants for garden and restoration applications. Their website includes good resources for planting and maintenance.	Wholesale only at their location in Valley Center, CA. Retail orders can be placed online for scheduled delivery to an affiliated nursery. List of nurseries that regularly carry their inventory listed on their website.	Not Applicable		Seed/Plant Material Resource
Native West	Native Plant Nursery	plants - Native West Nursery - California Native plants	Web-Based Document or List	Frequently	619-423-2284	Simple	Y	Native plant nursery. They sell good references are Calflora and Jepson eFlora. They did not want to provide a solid answer on what is "native" or how they define this, since ecoregions are not dictated by state borders.	Moderate	They grow a variety of native plants for garden and restoration applications. Their website includes good resources for planting and maintenance. Retail store available, called "The Little Farm"	Wholesale only at nursery yard. Location is Imperial Beach.	Not Applicable		Seed/Plant Material Resource
S&S Seeds	Native Seed Supplier	https://www.sssseeds.com/	Web-Based Document or List	Frequently	info@sssseeds.com	Simple	Y	Established seed supplier. Inventory includes 1.1 million pounds in native seed; Provides local ecotype seed, wildlands seed collections, CA wildflower seeds, and conservation/restoration services (e.g., project design assistance); Located in Carpinteria, (southern) CA and Oregon; On their website, they say "For a complete list of California native species that we can procure please look at CalFlora."	Moderate	Excellent selection from S&S proper, but you need to order well in advance	S&S is wholesale only, retail clients are redirected to "Nature's Seed," which does not exclusively sell seed native to CA, but to the whole US. The link from the S&S site does redirect to the "California Collection," which encompasses plants native to the whole state, and cannot be refined to more specific regions. The way the webpage navigation is formatted could mislead home gardeners into thinking that plants are native to California.	Not Applicable		Seed/Plant Material Resource
San Diego Seed Company	Native Seed Supplier	https://sandiegoseedcompany.com/product-tag/california-native/	Web-Based Document or List	Frequently	Not Applicable	Simple	N	A native landscape planting guide specific to San Diego and Imperial Counties; a simple 2-step by step design process (1. choose your design; 2. choose your plants); offers a limited California native plant list based on habit, species, sun & water needs, size color, and wildlife suitability; the plants on the list have been carefully selected by the local San Diego CNPS chapter; Note: CalScape is a program within CNPS and is more comprehensive.	Moderate	Locally owned	Not all of their seed is for native plants. They specialize in heirloom edibles.	Not Applicable		Seed/Plant Material Resource
CNPS - San Diego and Imperial Counties Native Plant Guide	California Native Plant Society	https://www.cnps.org/gardening/choosing-your-plants/native-planting-guides/download	Web-Based Document or Printable PDF	Unknown if/when this is updated	(916) 447-2677 cnps@cnps.org	Simple	N	A native landscape planting guide specific to San Diego and Imperial Counties; a simple 2-step by step design process (1. choose your design; 2. choose your plants); offers a limited California native plant list based on habit, species, sun & water needs, size color, and wildlife suitability; the plants on the list have been carefully selected by the local San Diego CNPS chapter; Note: CalScape is a program within CNPS and is more comprehensive.	High	A simple, user friendly guide for DIY landscapers; creditable source of information (CNPS)	(1) Is not a searchable database; (2) Includes Imperial Co. (3) Too short	Not Applicable	General public; Landscape architect	Other Resource for Potential General Public Use
Fire Resistant Native Plants with High Wildlife Value (PDF)	California Native Plant Library		PDF	TBD	Not Applicable	Complex	N		Unknown			Not Applicable	Misc.	Other Resource for Potential General Public Use

Encinitas Native Plant Ordinance

Select Acronym

SWCA Native Plan Lists Summary Table

Cat-IPC = California Invasive Plant Council

CNPS = California Native Plant Society

CCH = Consortium of California Herbaria

L.A. = landscape architect

WUCOLS = Water Use Classification of landscape Species

USDA = United States Department of Agriculture

1/30/2025

Name	Sponsor/Organization	Link	Document Type	Maintained	Contact Information	Simple or Complex	Database (Y/N)	Description	Defensibility of Definition(s)	Pro(s)	Con(s)	Recommend Use per Consultant's Research	Industry Use	Recommended Category for Ordinance Use
Fire Resistant Plants for San Diego	Fire Safe Council San Diego	Fire-Resistant plant List	PDF	Yes, but not sure how often	Not Applicable	Simple	N	List of plants that are not prone to fire, or fire resistant plants	Unknown	Easy to read and understand	Too short	Not Applicable	Misc.	Other Resource for Potential General Public Use
San Diego County Native Landscape Program (PDF) (1/2)	San Diego Water Authority Surfrider Foundation	https://www.sandiegocounty.gov/content/dam/sdc/dpw/WATERSHED_PROTECTION_PROGRAM/Watershed/Residential-Outreach/English/San_Diego_Sustainable_Landscape_Architectnandscape_Guideline_Book.pdf	PDF	Yes, but not sure how often	Not Applicable	Simple	N	Helps you create a landscape based on your specific location and specialized needs, like soils etc.	Unknown	Great visuals	Complex	Not Applicable	Misc.	Other Resource for Potential General Public Use
San Diego County Native Landscape Program (PDF) (2/2)	San Diego Water Authority Surfrider Foundation Appendix. E	https://www.sandiegocounty.gov/content/dam/sdc/dpw/WATERSHED_PROTECTION_PROGRAM/susmmpdf/ld_appendix_e_plant_palette.pdf	Web-Based Document or List	Not Applicable	Not Applicable	Simple	N	Short plant List from Watershed Protection Plan	Unknown	Great for beginners	Too short	Not Applicable	Misc.	Other Resource for Potential General Public Use
EASY NATIVE PLANTS FOR SOUTHERN CALIFORNIA	Theodore Payne Foundation	https://theodorepayne.org/wp-content/uploads/2013/11/EASY-NATIVE-plants_FINAL.pdf	PDF	Not Applicable	Not Applicable	Very Simple	N	Short plant list	Unknown	Easy to read and understand	Too short	Not Applicable	Misc.	Other Resource for Potential General Public Use
Encinitas Arbor Day	Link broken, went to main page so I found another comp. I did see that TreesD has been assisting and promoting Arbor Day for the City of Encinitas for some time now....	New Link with Tree planting Instructions https://www.encinitasca.gov/government/boards-commissions/urban-forest-advisory-committee	Web-Based Document or List	TBD	Not Applicable	Simple	N	No plant information; Only includes best management practices for tree planting	Unknown	Good planting instruction	No plant list	Not Applicable	Misc.	Other Resource for Potential General Public Use
California Native Plant Society – Botanical Resources	CNPS	https://www.cnps.org/botanical-resources	Web-Based Resources	Not Applicable	Not Applicable	Simple	N	Reference page to other resources only	Unknown	References are good (will list separately)	No plant list	Not Applicable	Misc.	Other Resource for Potential General Public Use
Habitat Stewardship Program (Encinitas' Adopted Plan)	NEED CREDENTIALS TO OPEN	https://encinitas.granicus.com/MetaViewer.php?view_id=7&id=53023	Web-Based Document or List	Every 3 years	Not Applicable	Complex	Y		Unknown			Not Applicable	Misc.	Other Resource for Potential General Public Use
Multiple Species Habitat Conservation Plan (MSHCP)	San Diego County	https://www.sandiegocounty.gov/content/sdc/pds/mscp/nc.html	Web-Based Resources	Yes	Not Applicable	Very Complex	Y	Resource material page for MSCP species, habitats and program. Not specific enough for ordinance purpose.	Unknown	Specify species of concern in SD habitats	Overwhelming, too much information	Not Applicable	Misc.	Other Resource for Potential General Public Use
Virtual Garden Guide	CatScape	https://gardenlandscape.architectnner.calscape.org/	Web-Based Document or List	TBD	Not Applicable	Simple	N	'Chose your own adventure' style garden planning. Insert preferences and answer questions about sunlight/soil etc. and it gives recommendations.	Unknown	Comprehensive, fun, and engaging	Limited plants included; Good resource for homeowners, not applicable for ordinance	Not Applicable	Misc.	Other Resource for Potential General Public Use
Plants of San Diego County - Taxonomy of California plants	Michael G. Simpson, SDSU	plants index	Web-Based Document or List	Frequently, as he still teaches. Not sure how often.	Not Applicable	Very Complex	N	Highly detailed native plant taxonomy webpage for SoCal	Unknown	For industry professionals or those who know their botanical Latin	Complex, not useful for the home gardener or general landscape setting	Not Applicable	Misc.	Other Resource for Potential General Public Use
Nifty Fifty	San Diego Water Authority and UC Davis	https://www.sdwa.org/sites/default/files/Nifty50.pdf	Web-Based Document or List	Frequently	Not Applicable	Simple	N	Short and sweet plant list with great prep info and visuals	Unknown	Great for beginners	Too short	Not Applicable	Misc.	Other Resource for Potential General Public Use
What Grows Here?	CalFlora	https://www.calflora.org/entry/wgh.html	Web-Based Document or List	Frequently	Not Applicable	Simple	Y	Enter your location and it will give you a list of native plants that grow in your area	Unknown	Great to get to know native plant community	Not every common name is included, which could be challenging for general public	Not Applicable	Misc.	Other Resource for Potential General Public Use
Water Wise Planting Guide for SD County	Be Water Wise	https://www.bewaterwise.com/california-native-plants.html	Web-Based Document or List	Not Applicable	Not Applicable	Simple	N	Plant list and planting guide	Unknown	User-friendly list; Features good selections	Too short	Not Applicable	Misc.	Other Resource for Potential General Public Use
UC Ag and Natural Resources SD County Master Gardeners	Gardening Association	https://www.mastergardenersd.org/ https://ucanr.edu/sites/sdmastergardeners/ https://ipm.ucanr.edu/PMG/menu.home.garden.html?src=302-www&f=3723	Web-Based Document or List	TBD	Not Applicable	Confusing	N	UC ANR IMP website is the best available resource for Integrative Pest Management, which is the best practice for all landscapes, especially those including native plants.	Unknown	Good reference to ask questions if something is performing poorly.	Nothing specific about native plants; Resources are mainly for vegetables, flowers, and ornamentals more generally.	Should be provided as a general reference, with particular use for pest management.	Misc.	Other Resource for Potential General Public Use
Southern California Native Plants	Tree People	https://treepeople.org/wp-content/uploads/2023/10/native-plant-guide-2023_ebook.pdf	Web-Based Document or List	TBD	Not Applicable	Simple	N	Native plant selection, requirements, and maintenance tips	Unknown	User-friendly list, featuring lots of varieties known to perform well		Not Applicable	Misc.	Other Resource for Potential General Public Use
San Diego Botanic Garden	Botanical Garden	San Diego Botanic Garden Encinitas, California	Web-Based Resource Page for the Botanical Garden	TBD	Not Applicable	Simple	N	Botanical garden with landscape installations from all over the world, including a Native plant Garden and 'Native plants Native People' Indigenous Ethnobotanical Display	Unknown	Excellent Visit, Tours available	In-person experience; Limited native plant selection; lacks information about plant maintenance or use in landscape	Not Applicable	Misc.	Other Resource for Potential General Public Use
California Botanic Garden	Botanical Garden & Herbarium	https://www.calbg.org/collections/herbarium	Web-Based Resource Page for the Botanical Garden	Frequently	Not Applicable	Simple	N	Leading native plant botanical garden with over 22,000 native plants	Unknown	Excellent Visit, Tours available	Not especially useful for general public	Not Applicable	Misc.	Other Resource for Potential General Public Use
Water Conservation Garden	Botanical Garden	https://thegarden.org/	Web-Based Resource Page for the Botanical Garden	Frequently	Not Applicable	Simple	N	Holds excellent native plant workshops and events	Unknown	Very informative, staff is very helpful	In-person experience on Cuyamaca College campus	Not Applicable	Misc.	Other Resource for Potential General Public Use
Native Landscaping Planting Guide	CNPS-SD	San Diego CNPS Brochure	PDF	TBD	Not Applicable	Simple	N	Walks you through vignettes of color	Unknown	Great visuals and plant list	Too basic	Not Applicable	Misc.	Other Resource for Potential General Public Use