

Table 1. Results of Data Evaluation Process

No.	Data Theme	Data Source	Scale	Resolution	Source Data	Extent	Categorical Detail Compared to CWHR			Classification System
							Type	Size	Density	
1	Water	USGS 1:100,000 DLG	1:100,000	1 Acre	1998	Statewide	less detailed	none	none	USGS DLG
2	Urban - dense housing	U.S. Census	1:100,000	N/A	1990	Statewide	more detailed	none	none	# of housing units per block group
3	Urban - Commercial development	USGS Land Use/Land Cover (LUDA)	1:250,000	100 acres	1970's	Statewide	more detailed	none	none	Anderson
4	Wetlands/Riparian	DFG/DWR	1:9,600	1.25 Acres	1999	Suisun Marsh	more detailed	none	none	MCV
5	Riparian	CSU Chico	1:12,000	< 1 Acre	2000	Sacramento River	more detailed	none	none	Custom
6	Wetlands/Riparian	NPS	1:24,000	.5 Hectare	1993	Points Reyes, Golden Gate NRA	more detailed	none	none	MCV
7	Wetlands/Riparian	DFG	1:40,000	900 m ²	1993	Central Valley/SF Bay	Less detailed	none	none	Custom
8	Agriculture	DOC FMMP	1:100,000	10 Acres	1998	50 counties	less detailed	none	none	FMMP system
9	Agriculture	DWR Land Use	1:24,000	1 Acre	1994-96	West Fresno and West Stanislaus CO	more detailed	none	none	DWR system, cross-walked by FMMP staff to DOC classes
10	Forest and rangeland	CDF/USFS LCMMMP	1:60,000	2.5 Acres	1994-97	52 million acres of forest and rangelands	more detailed	more	more	CALVEG
11	Forest and rangeland	USFS	1:60,000	2.5 Acres	1984	Toiyabe NF	more detailed	more	more	CALVEG
12	Forest and rangeland	NPS	1:125,000	5 acres	1934	Yosemite National Park	more detailed	none	none	Custom
13	Hardwood rangelands	CDF	1:60,000	625 m ²	1990	Statewide hardwood rangelands	less detailed	less	less	CWHR Custom
14	Desert and other lands	GAP - UCSB	1:250,000	100 Hectare	1996	Statewide	same	none	same	CWHR

1. USGS 1:100,000 DLG data modified by Teale data center <http://www.usgs.gov/>
2. 1990 Census Block data modified by CDF to reflect uninhabited public lands <http://www.census.gov/>
3. 1970's USGS land use (LUDA): urban areas were extracted using the commercial, transportation and industrial classes. <http://www.usgs.gov/>
4. Department of Fish and Game (DFG) 1999 wetlands data for Suisun Marsh: used to depict habitat stages for this east bay area wetland. <http://www.dfg.ca.gov/whdab/>
5. The Sacramento River Riparian Mapping Project, CSU Chico (2000): used to map riparian lands along the Sacramento River and its major tributaries. The study area was confined to streams in the Sacramento Valley and ending in the foothill canyons on both sides of the Valley Contact: Director of Geographical Information Center, California State University, Chico, Chico, CA, 95929-0425, (530) 898-5969, email:cwnelson@csuchico.edu
6. National Park Service, Point Reyes National Seashore (1993): used to depict habitat types for Point Reyes National Seashore, Golden Gate National Recreation Area, Angel Island State Park, Samuel P. Taylor State Park, Mount Tamalpais State Park, and Tomales Bay State Park.
7. 1993 Wetlands and Riparian GIS database, Department of Fish and Game: <http://maphost.dfg.ca.gov/wetlands/>
8. Department of Conservation (DOC) Farmland Mapping and Monitoring Program (FMMP) (1998): the classes "Prime", "State", and "Unique" were extracted to depict lands currently in agricultural uses. In addition, the "Developed" class was used as an additional source for locating urban lands. <http://www.consrv.ca.gov/dlrp/FMMP/index.htm>
9. Department of Water Resources land use: 1996 DWR land use data for western Fresno and western Stanislaus counties were cross walked to FMMP classes by DOC staff and used to depict agricultural lands for these two central valley counties. <http://www.dwr.water.ca.gov/>
10. California Department of Forestry and Fire Protection /USDA Forest Service CALVEG (1994 - 1997): currently includes all USFS lands, and all non-USFS forest and rangelands except for the South Sierras and Central Coast, most of which will be mapped in 2002 and 2003.
11. Toiyabe National Forest (1984): from CAL/NEV GAP data and Toiyabe National Forest timber stand map.
12. Yosemite National Park (1934):
13. CDF hardwood rangelands (1990): http://frap.cdf.ca.gov/data/hardwood_veq/index.htm
14. 1998 GAP analysis project, UC Santa Barbara. Citation: Davis, F. W., D. M. Stoms, A. D. Hollander, K. A. Thomas, P. A. Stine, D. Odion, M. I. Borchert, J. H. Thorne, M. V. Gray, R. E. Walker, K. Warner, and J. Graae. 1998. The California Gap Analysis Project--Final Report. University of California, Santa Barbara, CA. http://www.biogeog.ucsb.edu/projects/gap/gap_rep.html