

Potential CalFish Data and Information
Sources, Availability, and Effort Assessment

<i>Data Type</i>	<i>Source</i>	<i>Status</i>	<i>Priority</i>	<i>Effort/Cost</i>	<i>Comments</i>
In-stream habitat	CDFG	Acquired	High	Low/Staff time only	Late 1980s and early 1990s data for 7 coastal counties.
In-stream habitat	CDFG	Available	High	Moderate/Staff time and approx. 6 months technician time	Additional current and historic data
In-stream habitat	NRCD and other sources	Dispersed	Medium	High/Staff time and approx. 1.5 years technician time	NRCD biologists, Hopland research station, USFS
Biological	CDFG	Acquired	High	Low/Staff time and minimal technician time	Carcass counts, electrofishing. Majority tied to late 1980's and early 1990' historical in-stream habitat data
Biological	CDFG	Acquired	High	Moderate/Staff time and approx. 6 months technician time	Tuolumne Aquatic Resources System. Includes electrofishing, carcass counts and lake inventories for 8 central Sierra and northern San Joaquin Valley counties
Biological	CDFG	Dispersed	High	High/Staff time and approx. 2 years technician time	Active electronic databases (Current and historic data). CDFG carcass and electrofishing surveys, weir and dam counts, bank surveys, creel surveys, tagging studies, etc.
Biological	CDFG	Dispersed	Low	Moderate/Staff time and approx 5 years technician time	Inactive electronic databases and paper files (mostly historic). CDFG carcass and electrofishing surveys, weir and dam counts, bank surveys, creel surveys, tagging studies, etc.
Lake Inventories	CDFG	Available	High	High/Staff time only Approx 2 months	High mountain lakes. High mountain lakes Fish & Amphibian Project. Current data are being refined & reviewed

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Lake Inventories	CDFG	Dispersed	Medium	Low/Staff time Tech time included in "Biological", "electronic databases"	Cold water reservoirs. Some TARRI data in this category
Lake Inventories	CDFG	Dispersed	Medium	Low/Staff time Tech time included in "Biological", "electronic databases"	Warm water reservoirs
Distribution	CDFG	Dispersed	High	Moderate/Staff time and approx. 3 months technician time	Steelhead source identified; sources for other focus species partially known
Distribution	Other agencies	Available	High	Low/Staff time only	Moyle fish distribution maps. Secured by WHDAB shortly
Amphibian data	USFS, CAC, CDFG	Available	High	Low/Staff time only	Mostly mid 1990's with continuation to present. CAC (CA Academy of Sciences) is historical data. Data are shapefiles with metadata at USFS.
Life History Harvest species	CDFG, other sources	Dispersed	Medium	Moderate/Staff time and approx. 1 month technician time	Mostly contained in and Inland Fisheries Manual edited by Alex Calhoun in 1966, DFG Fish Bulletin 178 by Dill and Cordone, 1997 and in Peter B. Moyle, 2002 Inland Fishes of California. DFG copies could be scanned into pdf's.
Life History Native non-harvest species	CDFG, other sources	Dispersed	Low	Moderate/Staff time and approx. 2 months technician time	Most could be found in various DFG publications and scanned for reference as pdf's. Additional source, Peter B. Moyle, 2002 Inland Fishes of California

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Life History Exotic, non-harvest species	CDFG, other sources	Dispersed	Low	Low/Staff time 1 month technician time	Scan, proof and organize on pdf's: CDFG Fish Bulletin 178, William A. Dill and A.J. Cordone. 1997. History and Status of Introduced Fishes in California, 1871 - 1996. 414 pages.
Restoration Project	CDFG, others	Available	High	Low/Staff time only	Currently available through companion DFG program
Trend data	Multi-agency	Available	High	Low/Staff time only	Currently available through companion DFG program
Harvest Anadromous Ocean	CDFG, NOAA	Available	Low	Unknown	Creel surveys, post card surveys. Locations are probably very general
Harvest Anadromous Inland	CDFG, NOAA	Available	Low	Unknown	Creel surveys, post card surveys. Locations are probably very general
Harvest Anadromous Party Boats	CDFG, NOAA	Available	Low	Low/ Staff time	Report cards collected from party boats. Locations are probably very general. Oracle database, available as comma delimited files. Could at least summarize by port or Ocean block
FERC Relicensing Documents	DFG Regional Files	Available	High	High/Staff time & 1 year technician time	Many paper files could be scanned and catalogued. Unknown amount of digital files.
Herp Locality Database	CDFG (Ron Rogers)	Acquired	Low	Moderate - 3 Months Technician time	Species tracked by CNDDDB are mostly entered there. Most records are also contained in db program "Gecko". Mostly records from Scientific Collectors Permits. Location data quality quite variable.

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Distribution	NOAA Fisheries	Available	M	Minimal	CEMAR providing shapefiles in February
Harvest, Angler Effort	Marine Region	Under development	M	Moderate	Marine Recreational Fisheries Survey. This program will probably include a large number and variety of surveys and marine species.
Biological, Species occurrence	CDFG, NOAA	Under development	M	Moderate	An extensive database of scanned records and reports for North Coast fisheries is nearing completion. Expansion of the project is underway.
Biological, Occurrence	Many	Available	M	Moderate	BDAT data set. Coordinate with DWR to gain access to data or link to data.