



Swift Biological Consulting LLC Statement of Qualifications



Prepared For:

Prospective Clients

Prepared By:

Swift Biological Consulting LLC

swiftbiological@gmail.com

<https://swiftbiological.com/>

707-217-7179

2022

About Swift Biological

*Working with clients to understand and protect natural resources
while meeting their project goals*

Swift Biological Consulting LLC is a northern California biological resources consulting firm based in Sebastopol, Sonoma County. Swift Biological is a small, woman-owned business that serves both the public and private sectors focusing on Sonoma, Marin, Napa, and Mendocino Counties. We provide a full complement of biological services for all project phases - from initial resource planning to support regulatory compliance through project implementation and monitoring. As a small business, Swift Biological is committed to providing our clients with a high level of personal service with integrity and efficiency.

Overview of Services

- Biological resource assessments
- Resource management planning
- Special-status species habitat assessments and surveys
- Aquatic resource delineations
- Construction monitoring
- Permit compliance
- GIS mapping

Insurance

Swift Biological is fully insured to meet the requirements for public and private contracts. Certificates of Insurance are available upon request. Current insurance policies include:

- General liability
- Professional liability
- Auto insurance
- Worker's compensation

Markets

- Government agencies
- Construction companies
- Consulting firms
- Non-profits organizations
- Private businesses
- Private landowners

Contact Information

Jennifer Michaud
swiftbiological@gmail.com
<https://swiftbiological.com/>
707-217-7179

Meet the Owner

Swift Biological Consulting LLC was founded by Jennifer Michaud, a biologist and wildlife specialist, with over two decades of experience in natural resource consulting. Throughout her career, Jennifer's primary focus has been the conservation and management of wildlife and sensitive biological resources in northern California. She has extensive experience conducting biological assessments, field surveys and inventories, report writing, natural resource education, construction oversight, monitoring, and project management. She is trained in wetland delineations, California Rapid Assessment Method (CRAM), and holds State and federal permits for select special-status species. She has worked throughout California's diverse ecosystems in both terrestrial and aquatic systems and is familiar with the regulatory compliance requirements to protect these resources. Before establishing Swift Biological, Jennifer worked for a private consulting and restoration firm in Sebastopol, Sonoma County for over 20 years.

Jennifer has authored numerous technical documents including biological resource assessments, species-specific biological assessments for federal agency consultations, biological resource sections for California Environmental Quality Act (CEQA) documents, species-specific habitat assessments, and monitoring reports. She has managed the development and co-authored natural resource management plans for many iconic Sonoma County parks and open spaces including the Sonoma Developmental Center, Fitch Mountain, Wright Hill Ranch, Healdsburg Ridge, and Taylor Mountain. She has performed numerous field inventories of natural resources, worked closely with contractors on natural resource protection during construction projects, and participated in long-term field monitoring studies for endangered fish and amphibian populations.

Jennifer has extensive professional training including salmonid biology and ecology, GIS, wetland plant identification, wetland delineation, CRAM, environmental regulations and CEQA compliance, Wildlife Biologist Construction Awareness Training (WildCAT), and special-status amphibian, reptile, Point Arena mountain beaver, and salt marsh harvest mouse ecology and survey techniques. Before entering private consulting, Jennifer worked in fisheries research and management for Sonoma Water. She completed her masters in biology at Sonoma State University studying songbirds in west Marin County in collaboration with Point Blue Conservation Science. She published her thesis work entitled *Effects of Nest Predation and Brood Parasitism on Population Viability of Wilson's Warblers in Coastal California* in the *Wilson's Bulletin*.

Permits and Certifications

U.S. Fish and Wildlife Service Recovery Permit 10(a)(1)(A) for California freshwater shrimp, and California tiger salamander, California red-legged frog

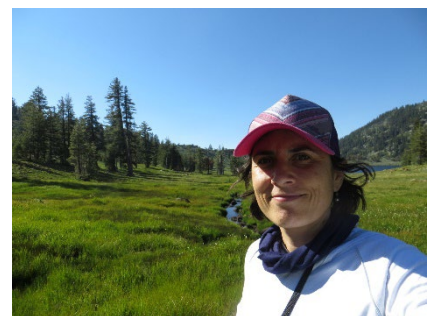
California Department of Fish and Wildlife Scientific Collecting Permit with amendments for California freshwater shrimp and California tiger salamander

Point Arena Mountain Beaver Training Course, U.S. Fish and Wildlife Service, October 2020

Wetland Delineator Training and Certification Program, San Francisco State University, Romberg Tiburon Center, April 2006

Advanced Wetland Delineation Training, San Francisco State University, Romberg Tiburon Center, November 2019

California Rapid Assessment Method Trained Practitioner, September 2021





Biological Consulting Services

Swift Biological assists clients with biological consulting services including resource assessments and management planning, aquatic resource delineations, special-status species habitat assessments and surveys, construction monitoring, permit compliance, and GIS mapping. We have prepared comprehensive evaluations of sensitive biological resources at a range of scales from small parcels to extensive open space lands encompassing many habitat types. We have extensive experience documenting baseline conditions, evaluating project impacts, and identifying avoidance, minimization, and mitigation measures to support resource agency permits and CEQA compliance. Swift Biological uses the latest resource databases and GIS mapping software to evaluate and map biological resources. We collect sub-meter GPS field data using a Bad Elf GNSS surveyor and ArcGIS Field Maps application.

Representative services include:

- Biological resource assessments
- Park and open space management plans
- Species-specific habitat assessments
- Special-status species surveys
- Nesting bird surveys
- Preconstruction surveys
- Worker education trainings
- Construction and post-construction biological monitoring
- Terrestrial wildlife and aquatic species relocations (for permitted projects)
- Invasive species management planning
- Aquatic resource delineations
- Environmentally Sensitive Habitat Area (ESHA) assessments
- Formal Biological Assessments for USFWS and NMFS consultations
- Biological support for permit applications and CEQA compliance



Aquatic Resources

Swift Biological has extensive experience completing assessments and delineations in sensitive aquatic habitats and supporting construction projects in these locations. We have worked in a variety of systems including seasonal wetlands, riparian woodlands, freshwater marshes, estuaries, and artificial ponds. Swift Biological is certified in the US Army Corps of Engineers wetland delineations and has completed wetland and water delineations since 2006. We have completed the Practitioner training course for the California Rapid Assessment Method. Swift Biological staff have developed dewatering and aquatic species plans for a number of instream construction projects and served as the lead qualified biologist to oversee dewatering and aquatic species relocations including State and federally listed salmonids, freshwater shrimp, and other special-status reptiles and amphibians.

Representative services include:

- US Army Corps of Engineers wetland and waters delineations
- California Coastal Commission wetland delineations
- California Rapid Assessment Methods (CRAM) assessments
- Dewatering and aquatic species protection plans
- Construction oversight and monitoring in sensitive aquatic habitats
- Salmonids (coho salmon and steelhead) and other aquatic species relocation activities - qualified biologist with NMFS and CDFW



Special-status Species Habitat Assessments and Surveys

Swift Biological provides services from initial habitat assessments and protocol-level surveys to long-term management and habitat enhancement recommendations for special-status species. We hold current a California Department of Fish and Wildlife Scientific Collection Permit, U.S. Fish and Wildlife Service 10(a)(1)(A) Permit, and State MOUs for California freshwater shrimp, California red-legged frog, and California tiger salamander, and are qualified to conduct habitat assessments and surveys for a variety of special-status species.

Representative species include:

- Western pond turtle
- California red-legged frog
- Northern red-legged frog
- Foothill yellow-legged frog
- California tiger salamander
- California freshwater shrimp
- Burrowing owl
- American badger
- Special-status and common bats
- Point Arena mountain beaver
- Monarch butterfly and host plants for special-status butterflies
- Nesting birds (protected under Migratory Bird Treaty Act, California Fish and Game Code, and threatened and endangered species)
- Salmonids and other native fish



Construction Monitoring and Permit Compliance

Swift Biological provides biological services for construction projects from initial assessments and resource impact determinations to on-the-ground support. We work with contractors to ensure the protection of biological resources while working in sensitive areas. Routine services include worker education trainings, preconstruction surveys, wildlife relocations, ongoing monitoring, and post-construction permit compliance monitoring. Swift Biological is committed to ensuring the highest safety standards are maintained while on site. We have completed the Wildlife Biologist Construction Awareness Training (WildCAT) with The Wildlife Society.

Representative services include:

- Resource protection plans
- Worker education trainings for individual construction projects and ongoing routine maintenance projects
- Pre-construction surveys
- Daily monitoring and reporting
- Dewatering support and species relocations (see above)
- Exclusion fencing recommendations and installation oversight
- Post-construction monitoring and reporting



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