

DUTY STATEMENT

DFW 242A (REV. 07/18/22)

Department Statement:

California is one of the most biodiverse places on the planet. As such, the Department of Fish and Wildlife (CDFW) values diverse employees working together to protect nature for all Californians. CDFW is committed to fostering an inclusive work environment where all backgrounds, cultures, and personal experiences can thrive and connect others to our critical mission.

INSTRUCTIONS: A duty statement and organizational chart must be submitted with each Request for Personnel Action, Form 242	EFFECTIVE DATE
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DFW DIVISION/BRANCH/REGION/OFFICE Wildlife and Fisheries Division/Wildlife Branch	POSITION NUMBER (Agency-Unit-Class-Serial) 565-035-0765-058
UNIT NAME AND LOCATION Game Conservation and Connectivity Program, 1010 Riverside Pkwy, West Sacramento	CLASS TITLE Senior Environmental Scientist Specialist
INCUMBENT	CURRENT POSITION NUMBER (Agency-Unit-Class-Serial)

BRIEFLY DESCRIBE THE POSITION'S ORGANIZATION SETTING AND MAJOR FUNCTIONS
Under the direction of the Wildlife Connectivity Supervisor the incumbent will provide leadership, technical expertise, and coordination with regions branches, state agencies, federal fish and wildlife agencies, tribal governments, local governments, environmental groups, universities, stakeholders, and other entities on statewide connectivity issues related to management, protection, and conservation of fish and wildlife species. This role will provide scientific leadership and requires an in-depth knowledge of issues involving fish and wildlife connectivity needs, road ecology, wildlife connectivity and connected landscapes.

PERCENTAGE OF TIME PERFORMING DUTIES	INDICATE THE DUTIES AND RESPONSIBILITIES ASSIGNED TO THE POSITION AND THE PERCENTAGE OF TIME SPENT ON EACH. GROUP RELATED TASKS UNDER THE SAME PERCENTAGE WITH THE HIGHEST PERCENTAGE FIRST. (USE THE REVERSE SIDE IF NECESSARY.)
40%	<p><u>ESSENTIAL FUNCTIONS:</u></p> <p>Statewide Fish & Wildlife Connectivity Coordination: Serve as the Branch connectivity coordinator and liaison to Caltrans' efforts statewide to implement Assembly Bill 2344 (2021-2022) Wildlife Connectivity and Transportation Projects. Provide scientific, biological, and technical expertise on efforts to review the state highway system to develop a comprehensive approach to address fish and wildlife connectivity needs. Lead the establishment of an inventory of connectivity needs to help reduce wildlife-vehicle collisions or enhance wildlife connectivity and develop criteria and review assessments of potential wildlife connectivity barriers. Utilize partnerships and best available science, including ecological modeling, to identify new and legacy areas where wildlife connectivity is impaired, with a focus on roads. Monitor and verify whether new pathways, especially crossing linear infrastructure, are meeting intended wildlife utilization/benefit.</p>
25%	<p>Statewide Scientific Coordinator: Participate and build community of practitioners, academia, consultants, and other internal and external stakeholders to address concerns and long-term planning, including climate change resiliency. Including modeling complex geospatial data (e.g. migratory and road kill data), synthesize existing data. Participate on CDFW's Statewide Connectivity Team to track, monitor, develop, and lead statewide connectivity projects; analyze complex data and prepare technical reports, summaries, and presentations, including synthesis of existing data; develop, evaluate, and manage grant proposals for state and federal connectivity funding; provide scientific rigor and timely distribution of data and information to Executive members, webpages, shared files, and the public.</p>
20%	<p>Project Design and Environmental Compliance: Assist with early consultation and collaboration on connectivity project design, review, and compliance of California Environmental Quality Act (CEQA), California Endangered Species Act (CESA), and mitigation crediting programs associated with regional connectivity projects.</p>

