



**Senior Wildlife Forensic Specialist
Promotional - Statewide
FINAL FILING DATE – December 12, 2018**

INTRODUCTION

Department of Fish and Wildlife employees are committed to managing and protecting California's diverse wildlife and the habitats upon which they depend.

EEO

The State of California is an equal opportunity employer to all, regardless of age, ancestry, color, disability (mental and physical), exercising the right to family care and medical leave, gender, gender expression, gender identity, genetic information, marital status, medical condition, military or veteran status, national origin, political affiliation, race, religious creed, sex (includes pregnancy, childbirth, breastfeeding and related medical conditions), and sexual orientation.

DRUG FREE STATEMENT

It is an objective of the State of California to achieve a drug-free state work place. Any applicant for state employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the state, the rules governing civil service and the special trust placed in public servants.

WHO SHOULD APPLY?

Candidates who meet the minimum qualifications as stated on this examination announcement.

FILING INSTRUCTIONS

Final Filing Date: December 12, 2018

Applications may be filed in person or by mail at:

Department of Fish and Wildlife
Attention: Exam Unit
1416 Ninth Street, Room 1217-B
Sacramento, CA 95814

Applications must be POSTMARKED no later than the final filing date. Applications postmarked, personally delivered or received via inter-office mail after the final filing date will not be accepted for any reason.

SPECIAL TESTING ARRANGEMENTS

If you have a disability and need special testing arrangements mark the appropriate box on the application. The exam unit will contact you to make specific arrangements.

SALARY INFORMATION

\$6,196 - \$7,702

Senior Wildlife Forensic Specialist
FFD: December 12, 2018

Bulletin Release Date: November 28, 2018
Exam Code: 8FG28

POSITION STATEMENT

The Senior Wildlife Forensic Specialist handles the most difficult advanced forensic casework and courtroom testimony with the wide discretion and independence of action. Employees will represent the Department in contacts with other governmental agencies and the public. Incumbents plan, organize, and lead a complex statewide wildlife forensic disciplines pursuant to casework involving criminal violations of State Fish and Game laws; or the Wildlife Forensic DNA Program engaged in organizing and providing forensic research, application, advanced casework, training, and methodology development in the field of forensic DNA technology.

ELIGIBLE LIST INFORMATION

Eligibility expires 12 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

All applicants must meet the minimum qualifications by **December 12, 2018**.

MINIMUM QUALIFICATIONS

EITHER I

EXPERIENCE: Two years of experience in the California state service performing the duties of a Wildlife Forensic Specialist, Range C

OR

EITHER II

EXPERIENCE: Broad and extensive (more than five years) of professional experience in a biological sciences laboratory setting performing the duties of a molecular biologist, biochemical geneticist, or a closely related position. This experience must have included at least two years as a Wildlife Forensic Specialist having independent responsibility for issuing written reports concerning analytical findings and conclusions. (A Ph.D. in Molecular Biology, Biochemical Genetics, or closely related field may be substituted for two years of the required general experience.) Experience in the California state service applied toward this requirement must include at least one year performing duties comparable to those of a Wildlife Forensic Specialist, Range C. **AND**

EDUCATION: Graduation from college with a bachelor's degree in one of the biological sciences, including the equivalent of eight semester hours of general chemistry, four semester hours of biochemistry, six semester hours of organic chemistry or three semester hours of quantitative analysis; and three semester hours of genetics or molecular biology.

EXAMINATION INFORMATION

Qualifications Appraisal Process - Weighted 100.00%.

This examination consists of an oral interview process. To obtain a position on the eligible list, you must attain a minimum rating of 70.00% in the interview process. **COMPETITORS WHO DO NOT APPEAR FOR THE INTERVIEW WILL BE DISQUALIFIED.**

Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

It is anticipated that the interviews will be held during **December 2018**.

Oral interviews are ordinarily scheduled in Sacramento, Los Alamitos, Napa, Redding, and Fresno. However, interview locations may be limited or extended as the number of candidates and conditions warrant.

This examination may contain additional components (i.e., written exercise, in-basket assignment, math calculation exercise, presentation, etc.) that will be scored in addition to the structured interview questions.

PLEASE NOTE: If conditions warrant, this examination may utilize an evaluation of each candidate's experience and education (E&E) compared to a standard developed from the class specification. **For this reason, it is especially important that each candidate take special care in accurately and completely filling out their application. List all experience relevant to the "minimum qualifications for admittance" shown on this announcement.** Supplementary information will be accepted but read the Minimum Qualifications for Admittance" and "Scope of the Examination" carefully to see what kind of information will be useful to the staff doing the evaluation. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained.

KNOWLEDGE AND ABILITIES

A. Knowledge of:

1. Scientific methods and techniques used in examining the wildlife crime scenes.
2. Tests for the identification and comparison of tissue, blood, and physiological fluids.
3. DNA analyses; comparative morphology of hair, feathers, scales, fibers, skulls, bones, and similar materials; microscopy; modern methods and techniques in investigations of major wildlife crimes.
4. Current trends in molecular biology, general chemistry, organic chemistry, biochemistry, and genetics.
5. General vertebrate anatomy with an emphasis on mammalian structure
6. Necropsy procedures as they relate to wounds, depredation, and other wildlife forensic situations.
7. Photographic and photomicrographic principles and practices as applied to wildlife forensic science.
8. Electrophoretic techniques.
9. Long-range wildlife forensic development trends techniques.
10. Budget preparation and monitoring.
11. Governmental and private organizations involved in wildlife forensic science
12. Departmental and wildlife protection forensic priorities and support needs.

B. Ability to:

1. Make extensive use of scientific methods and techniques at the scene of a crime.
2. Make effective use of microscopes, spectrophotometers, and electrophoretic equipment.
3. Manual and or automated DNA analytical systems.
4. Recognize the need for and develop and evaluate new test methods and procedures.
5. Analyze situations accurately and take effective action.
6. Communicate Effectively.
7. Instruct law enforcement and forensic personnel in wildlife forensic science.
8. Plan and organize forensic research activities.
9. Implement departmental and wildlife protection forensic priorities and needs.
10. Prepare technical reports, scientific publications, and public presentations.
11. Coordinate with other Fish and Game divisions on laws and regulations.
12. Prepare and monitor budgets.
13. Negotiate wildlife forensic programs with private and public entities.

14. Establish and maintain cooperative relations with universities and other research institutions.

BENEFITS

To learn more about the comprehensive benefit package please visit our website at <http://www.calpers.ca.gov>.

SPECIAL PERSONAL CHARACTERISTICS

Willingness to travel and to work unusual hours; and patience and keenness of observation.

ADDITIONAL DESIRABLE QUALIFICATIONS SPECIAL REQUIREMENTS

Possession of a valid driver's license of the appropriate class issued by the Department of Motor Vehicles.

CONTACT INFORMATION

If you have any questions concerning the Senior Wildlife Forensic Specialist examination or the testing process, you may contact Maria Luna with the Department of Fish and Wildlife, Human Resources Branch at (916) 653-8120 or visit the Department of Fish and Wildlife website at www.wildlife.ca.gov.

GENERAL INFORMATION

For an examination without a written feature, it is the candidate's responsibility to contact Department of Fish and Wildlife three weeks after the final filing date if he/she has not received his/her notice.

Examination Locations: When a written test is part of the examination, it will be given in such places in California as the number of candidates and conditions warrant. However, locations of interviews or performance evaluations may be limited or extended as conditions warrant.

Applications are available at <http://jobs.ca.gov>, California Department of Human Resources (CalHR), local offices of the Employment Development Department and the testing department on this job bulletin.

Remember, Examinations are Competitive:

If you possess the entrance requirements stated on this bulletin, you may take this competitive examination; however, you aren't assured a place on the eligibility list. Your performance in the examination is compared to established rating criteria. All candidates who pass are ranked according to their scores.

Candidates needing special testing arrangements due to a disability must mark the appropriate box on the application and/or contact the testing department.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years

unless otherwise stated on the bulletin.

If High School Equivalence is Required: Equivalence to completion of the 12th grade may be demonstrated in any one of the following ways: 1) passing the General Educational Development (GED) Test; 2) completion of 12 semester units of college work; 3) certification from the State Department of Education, a local school board, or high school authorities that the candidate is considered to have education equivalent to graduation from high school; 4) for clerical and accounting classes, substitution of business college work in place of high school on a year-for-year basis. **NOTE: For peace officer classifications please refer to the testing department for special requirements.**

Miscellaneous Information: The Department of Fish and Wildlife reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service law and rules and all competitors will be notified.

TTY is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TTY Device.

California Relay (Telephone) Service for the Deaf or Hearing-Impaired

From TDD phones: 1-800-735-2929

From voice phones: 1-800-735-2922