

BIOLOGIST IV

NATURE OF WORK IN THIS CLASS

This is a complex professional and supervisory scientific biological work involved in fish or wildlife management and conservation programs, or environmental management and protection programs.

Employees in this class supervise a program unit or section performing a variety of complex professional biological research studies.

ILLUSTRATIVE EXAMPLES OF WORK *(These examples do not list all the duties which may be assigned; any one position may not include all the duties listed.)*

Plans, coordinates and directs the activities of subordinate biologists and auxiliary personnel within assigned program section or unit.

Directs the conduct of field surveys designed to provide data of the phases of fish and wildlife population dynamics and of the phases of habitat evaluation; evaluates biological data and prepares various management reports and recommendations.

Develops and executed research and development plans and projects.

Participates in the formulation, monitoring and control of budget for assigned functions and operations.

Plans and coordinates public educational activities.

Prepares technical papers for publication.

Performs related duties as related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of pertinent principles, practices and techniques applied in fish or wildlife management and conservation and development, or environmental protection and management.

Knowledge of the habits and ecology of fishes and other aquatic organisms, or of birds, mammals, and other forms of wildlife species.

Knowledge of microbiology and organic and inorganic chemistry as they relate to assigned program management.

Knowledge of research and statistical methods and techniques and procedures.

Ability to supervise the work of others.

Ability to determine, establish and apply applicable biological facts, principles, methods, techniques and procedures necessary for the development, conservation and management of fish or wildlife resources or for biological environmental control.

Ability to develop and execute biological research studies and projects.

Ability to evaluate operational effectiveness and recommend and implement changes in policies, procedures and research methods and techniques to improve program effectiveness.

Ability to work effectively with employees and the public.

Ability to communicate effectively.

Ability to prepare technical and management reports.

Skill in the use and care of field and laboratory equipment

Skill in the safe operation of a motor vehicle.

Skill in swimming, diving and the use of scuba gear may be required.

MINIMUM EXPERIENCE AND TRAINING

- A. Four years of progressively responsible specialized experience in the applicable field of biology and graduation from a recognized college or university with a Bachelor's degree in biology, wildlife management, fish management, or related fields; or
- B. Any equivalent combination of experience and training beyond the Bachelor's degree which provides the minimum knowledge, abilities and skills.

NECESSARY SPECIAL QUALIFICATIONS

- A. Possession of a valid driver's license.
- B. Possession of a valid scuba diving certificate may be required.

ESTABLISHED: JULY 1980

AMENDED: AUGUST 2003

PAY GRADE: N

HAY EVALUATION:	KNOW HOW:	E12	230
	PROBLEM SOLVING:	E3 (38%)	87
	ACCOUNTABILITY:	E1C	<u>100</u>
			417

This standard revises and supercedes the standard established JULY 1980 and amended AUGUST 2003.



VERNON P. PEREZ
Executive Director
Civil Service Commission