

TITLE OF GROUP OF CLASSES: BIOLOGIST

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	Class Code:
BIOLOGIST (FRESHWATER FISHERIES)	02747201
BIOLOGIST (MARINE FISHERIES)	02747202
BIOLOGIST (WILDLIFE)	02747203
	Pay Grade: 22A
	EO: B

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To perform professional biological field and/or laboratory work in the area of specialization; to engage in and/or supervise a variety of technical research projects; to prepare and analyze statistical data gathered in research investigations; to prepare scientific reports of such biological research findings; to assist in public information inquiries; and to do related work as required.

SUPERVISION RECEIVED: Works under the general direction of a superior with considerable latitude for the exercise of initiative and professional judgement; work is reviewed upon completion through written and oral reports for conformance to state law and departmental rules, regulations and procedures.

SUPERVISION EXERCISED: As assigned, exercises working supervision over a small number of divisional laborers, and/or student assistants engaged in research and conservation work.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

In the area of specialization indicated in the title of the class of position:

To perform professional biological field and/or laboratory work.

To assist in management programs and research studies to promote sound fish and wildlife conservation.

To assist in conducting field surveys of fish and wildlife populations regarding concentrations, mortality, predation, habitat and mobility.

To prepare, analyze and interpret the findings of such biological research.

To develop new research techniques and methods for obtaining data.

To make recommendations for revisions in federal and state laws, rules and regulations and management practices.

To prepare stock assessments for future utilization.

To plan and prepare technical reports for federal aid reimbursement, scientific publication or general public information.

As required, to represent the department at scientific conferences and public meetings, and to assist in a program of public education as it concerns state fish and wildlife and conservation programs.

To give testimony in court as an expert witness for the state.

To assist in the evaluation of development proposals for their environmental impact upon existing fish and wildlife resources.

To participate in the development and implementation of a variety of cooperative conservation programs with federal, state and local government agencies.

As requested, to prepare technical correspondence and requisition specifications for superiors, for program operation and management.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A working knowledge of the principles, practices, methods and techniques of field and laboratory biological research pertaining to fish and wildlife conservation and management; a working knowledge of the organization and functions of natural resources and management programs; the ability to make field studies concerning the investigation, management, and conservation of the resources in one of the specialization's indicated in the title; the ability to conduct statistical analysis of the research data compiled and to develop new techniques and methods for obtaining data for use in program management; the ability to prepare and present accurate and concise written and oral reports of research findings, observations and work performed; the ability to establish and maintain effective working relationships with associates, other government officials and the general public; the ability to engage in continuous active field work requiring physical stamina; and related capacities and abilities.

EDUCATION AND EXPERIENCE

EDUCATION: Such as may have been gained through: graduation from a college of recognized standing with a Bachelor's Degree in one of the specialization's indicated in the title, or one of the biological sciences.

SPECIAL REQUIREMENT: Conditions for appointment: must be physically qualified to perform assigned duties, evidenced by a physician's certificate. Must possess and maintain a Motor Vehicle Operator's License issued by the State of Rhode Island.

Revised: December 22, 1985

Editorial Review: 3/15/03