

 <p>STATE OF INDIANA CLASSIFICATION SPECIFICATION</p>	Class Title: Biologist 2		Class Code: 001LC2
	FLSA Status: Exempt	Salary Schedule: RDS	Effective Date: 8-30-13
	Summary: Incumbent works as a senior staff biologist assisting in the administration of the section and implementing major programs. Researches and studies plant and animal life, such as origin, relationship, development, anatomy and functions to develop effective management strategies.		

Duties:

- Assists section chief in the coordination and review of staff biologists for completion of program objectives within time limits;
- Provides technical expertise to lower-level biologists;
- Assists section chief in administrative functions for section;
- May specialize in particular species or sampling methodologies;
- Coordinates, plans and conducts scientific investigations to gather data on population status, resource utilization, or environmental conditions for management and research needs;
- Surveys and collects samples and data;
- Processes and analyzes samples using standard techniques;
- Conducts laboratory analyses utilizing a variety of technical equipment;
- Evaluates and interprets data from analyses and investigations;
- Classifies environmental conditions according to established standards and biological guidelines;
- Makes recommendations for program objectives and policies dealing with routine and complex problems;
- Makes recommendations and proposals for legal guidelines and interprets information gathered, providing technical expertise to county officials, legislators on agency boards, the public and private industry;
- Writes and edits technical reports on daily operations program implementation and results and goals obtained;
- Appears as an expert witness in legal procedures;
- Assist other biologists on large-scale research and management projects;
- Conducts special programs, projects and investigations;
- Researches, develops and applies new methods of analyses and reviews current information;
- Performs related duties as required.

Job Requirements:

- Thorough knowledge of botany, ecology, biology, zoology and phytogeography;
- Thorough knowledge of taxonomy in ichthyology, physiology, invertebrate zoology and/or microbiology;
- Specialized knowledge of legal guidelines as they apply to performance of duties;
- Ability to interpret extensive variety of technical material in books, manuals and journals; write and/or edit scientific documents;
- Ability to plan, initiate, monitor and conduct investigations, surveys and collection of data including the ability to deal with unprecedented situations;
- Ability to analyze samples in the office and the field using various types of equipment and procedures;
- Ability to interpret data and apply interpretations;
- Ability to develop new techniques;
- Ability to operate and maintain equipment;
- Ability to maintain cooperative work relationships.

Difficulty of Work:

Incumbent applies technical and administrative guidelines which are generally applicable. Extensive judgment is needed in adapting guidelines to many complex and conflicting variables involved in major projects and in writing proposed guidelines, all of which include new problems or considerations. Incumbent also uses judgment in applying administrative guidelines when assisting section chief.

Responsibility:

Incumbent works as a senior staff biologist providing technical expertise to lower-level biologists and assisting section chief in administrative functions. Incumbent makes decisions as to type of procedures to use to obtain program objectives. Incumbent makes proposals for legal guidelines to county boards, legislators and in agency boards. Decisions and recommendations are reviewed by supervisors for attainment of program objectives and general compliance with agency guidelines.

Personal Work Relationships:

Incumbent interprets information to the public, private industry, county health boards, legislators and other agencies which they frequently use to make decisions. Incumbent provides proposals to legislators and county officials working in a cooperative effort as a technical specialist.

Physical Effort:

Incumbent may be required to walk and stand for long periods of time and some carrying of equipment and supplies in the field.

Working Conditions:

Incumbent may be required to work outdoors in a variety of weather conditions at state owned wildlife areas, or on any of the state's waters.