
Mark York

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Employment History

Biological Technician • Boise National Forest • 04/2008–06/2008

Planned, located and plotted bull trout monitoring electrofishing sites using ArcMap GIS. Plotted and delineated survey sampling sites on forest master map for field use. Inventoried and serviced field equipment for field season.

Biological Technician • BLM Jarbidge RO • 05/2005–10/2005

Conducted stream habitat inventories and population estimates for red band trout and bull trout monitoring on the Jarbidge River system. Amphibian surveys for spotted frogs and spadefoot toads.

Fishery Biologist • Lassen National Forest • 06/2001–08/2001

Responsible for conducting amphibian surveys for species of concern including the foothill yellow-legged frog, cascades frog and mountain yellow-legged frog. Pacfish monitoring surveys. Bioassessment and stream condition inventory surveys. Entered data and prepared reports. Served as an assistant to the Forest Fisheries Biologist.

Provided technical advice and management recommendations for the forest fisheries program, including gathering, compiling, and analyzing data to determine aquatic habitat quality and interpreting biological requirements for all aquatic species and their habitats.

Conducted and supervised work crews conducting daytime and night-time inventories for sensitive aquatic species, including California red-legged frogs, Yosemite toad, and foothill and mountain yellow-legged frogs. Wrote Biological Assessments and coordinated with the USFWS on the effects of a variety of land management activities upon threatened or endangered species.

Provided written analysis and recommendations for watershed protection, aquatic habitat restoration, and protection of endangered and sensitive fish and amphibian species. Developed plans and supervises the implementation of projects designed to improve aquatic habitat.

Biological Technician • Beaverhead National Forest • 06/1995–10/1995

Conducted walk-through stream surveys on grazing allotments. Electrofishing population surveys and endangered species collection and identification. Use of boats and appropriate gear. Wrote reports and made recommendations.

Inventoried watershed condition and improvement needs; gathered data using a variety of methods; compiled and synthesized collected data; identified and classified areas of concern; prepared reports of results and recommendations; assembled information for development of watershed management plans and coordination of watershed needs for environmental analysis reports.

Surveyed fish habitat conditions, needs, and population; gathered data using variety of methods; identified and classified fish habitats; prepared reports of results and recommendations; assembled information for development of fish management plans and coordination of fish needs for environmental analysis

reports. Maintained fisheries database.

Biological Technician • Kootenai National Forest • 05/1994–09/1994

Surveyed Redds on tributaries. Monitored snags and Bald Eagle and Osprey populations. Installed fish weirs to capture endangered Bull Trout. Participated in hydrology training and surveyed watersheds. Presented programs to local personnel and spoke publicly.

Inventoried fish habitat conditions, needs, and population; gathered data using a variety of methods; identified and classified fish habitats; prepared reports of results and recommendations; assembled information for development of fish management plans and coordination of fish needs for environmental analysis reports. Maintained fisheries database.

Built fences and supervised MCC crew in placing in stream structures and coordinated the activities of temporary crews conducting watershed, fisheries, and soil inventories, completing watershed, fisheries and soil improvement projects such as erosion control to reduce sediment, planning and implementing fish habitat structures, and wilderness rehabilitation projects to reduce erosion and sediment. Surveyed 'old growth' plot stand exams using standard forestry procedures. Mapped results.

Biological Technician • Okanogan National Forest • 05/1992–10/1992

Planted riparian areas and built fences to protect streams from cattle. Surveyed anadromous fish habitat as outlined in PACFISH plan. Employed electrofishing and habitat inventory methods. Instructed regional personnel in survey methods at Hood River Training Workshop. Attended data entry workshop at the Regional office in Portland. Entered data and wrote reports. Public speaking. Hydrology measurements.

Biological Technician • Willamette National Forest • 06/1990–10/1990

Surveyed fish habitat on forest streams using the Hankin-Reeves habitat inventory methods. Attend region 6 training session at Hood River, OR. Electrofishing and mapping; wilderness orientation. Measured hydrologic data. Conducted extensive Anadromous fish habitat surveys following the guidelines of the Hankin-Reeves survey system. Entered data and wrote reports. Instructor at the stream survey workshop at Hood River, Or.

Inventoried watershed condition and improvement needs; gathered data using a variety of methods; compiled and synthesized collected data; identified and classified areas of concern; prepared reports of results and recommendations; assembled information for development of watershed management plans and coordination of watershed needs for environmental analysis reports.

Supervised a crew and coordinated the activities of temporary crews conducting watershed, fisheries, and soil inventories, completing watershed, fisheries and soil improvement projects such as erosion control to reduce sediment, planning and implementing fish habitat structures, and wilderness rehabilitation projects to reduce erosion and sediment.

Biological Technician • White Mountain National Forest • 04/1990–06/1990

Assembled and installed auger smolt traps for Atlantic salmon population mark-recapture study. Monitored and maintained traps and equipment; taught mechanical skills. Pit-tagging methodology training.

Biological Technician • U.S. Fish and Wildlife Service • 06/1989–08/1989

Surveyed lakes and rivers of the 1002 area of the Arctic National Wildlife Refuge based out of Kaktovik, AK. Electrofished rivers for grayling and arctic char. Map lakes from motorized raft. Worked in remote areas with helicopter support staff.

Conservation Aid • Maine Dept. of Marine Resources • 03/1988–04/1988

Mount otoliths, measure and record data on Herring, sort samples from trawl. Conducted a survey of the whole Maine coast from the RV ARGO-MAINE. Operated a one meter trawl. Repaired gear. Conducted a creel census of Lobster and Pink Shrimp.

BIOLOGICAL AID • Idaho Fish & Game • 09/1987–12/1987

General hatchery duties; spawn brood stock and care for eggs; feed fish and maintain equipment. Install weir and trap and tag Brown Trout. Electrofished local rivers from a drift boat.

BIOLOGICAL AID • New Hampshire Fish & Game • 06/1987–09/1987

Surveyed streams by electrofishing. Conducted water sampling for chemical analysis. Macroinvertebrate collection, sorting and identification. Track adult Atlantic salmon by radio telemetry. Use of canoes and boats.

FISHERIES FIELD ASSISTANT • Maine Dept. of Inland Fisheries & Wildlife • 06/1986–09/1986

Participated in lake surveys; mapping, angling and water chemistry. Bass nest location project: boat driver for divers counting fry. International project with Canada.

CREEL SURVEY CLERK • Maine Dept. of Inland Fisheries & Wildlife • 02/1986–05/1986

Conduct a creel census on lakes during the ice fishing season. Interview anglers and fill out forms. Take scale samples and data. Prepare reports. Wildlife volunteer on wood duck project: Install nest boxes, determine usage. Deer density surveys: pellet count transects in field. Map locations. Field and map orientation by compass. Carnivore investigations. Trap, tag and relocate black bears with a culvert trap and associated techniques.

Academics

None in Ecology , Logic in writing, 2004
SBCC

Bachelor's in Environmental Biology , Journalism: , 2004
California State University

None in Physical Geology, US History, Physical Anthropology, Art, 2003
Los Angeles Mission College

None in Marine Biology, Journalism,
Glendale College

None in Fish & Wildlife,
Feather River College

None in G.S.,
University of Maine

Certificate in Law,
LOS ANGELES MISSION COLLEGE

References

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