



# Helping Iowa’s Endangered Species

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## Part I: Overview of Workplace

The DNR manages fish and wildlife programs, ensures the health of Iowa’s forests and prairies, and provides recreational opportunities in Iowa’s state parks. Just as importantly, the DNR carries out state and federal laws that protect air, land and water through technical assistance, permitting and compliance programs. The DNR also encourages the enjoyment and stewardship of natural resources among Iowans through outreach and education.

**The DNR's mission:**

To conserve and enhance our natural resources in cooperation with individuals and organizations to improve the quality of life in Iowa and ensure a legacy for future generations.

## Part II: Workplace Focus

Sweet Marsh is currently a public hunting area located in Bremer County, two miles northeast of Tripoli, Iowa. The area lies at the junction of Plum creek and the Wapsipinicon River.

Sweet Marsh was developed as a public hunting area. Its acres of open water and marshlands provide some of the best waterfowl hunting in Northeast Iowa.

Most of the wildlife management efforts at Sweet Marsh are being directed at waterfowl production and harvest.

## Part III: Introduce the Problem

Problem solve ways in the Sweet Marsh ecosystem to help endangered species be successful.

## Part IV: Background

Content Knowledge/Skills for Student - What a marsh ecosystem is; What an endangered species in Iowa is; How species survive in a marsh ecosystem; Problem-solving skills; Collaborative Working Skills

Workplace Knowledge/Skills - What organisms in their ecosystem are endangered; What predators and other risks are present that harm the organisms; How to problem-solve to help these organisms

## Part V: Workplace Solution

Organism’s like the Blanding’s turtle and the Massasauga rattlesnake are two organisms that are endangered. The Iowa DNR would have to know the best ways to help these organisms survive in current habitats, live to adulthood and, be able to successfully reproduce.

## Part VI: Educational Pathways

To be a part of the Wildlife Division of the Iowa DNR, a student would need to have a biology degree. Students could specialize in animal ecology or fish and wildlife management.