



Shawangunk Grasslands National Wildlife Refuge

Comprehensive Conservation Plan May 2006









Cover Photos: Grassland management on the refuge, USFWS photo

Short-eared owl, USFWS photo

Shawangunk Grasslands National Wildlife Refuge, USFWS photo

Bobolink, Scott A. Vincent©



This goose, designed by J.N. "Ding" Darling, has become a symbol of the National Wildlife Refuge System.

The *U.S. Fish and Wildlife Service* is the principal Federal agency responsible for conserving, protecting, and enhancing fish, wildlife, plants, and their habitats for the continuing benefit of the American people. The Service manages the 95-million acre National Wildlife Refuge System comprised of more than 545 national wildlife refuges and thousands of waterfowl production areas. It also operates 65 national fish hatcheries and 78 ecological services field stations. The agency enforces Federal wildlife laws, manages migratory bird populations, restores nationally significant fisheries, conserves and restores wildlife habitat such as wetlands, administers the Endangered Species Act, and helps foreign governments with their conservation efforts. It also oversees the Federal Assistance Program which distributes hundreds of millions of dollars in excise taxes on fishing and hunting equipment to state wildlife agencies.

Comprehensive Conservation Plans provide long term guidance for management decisions and set forth goals, objectives, and strategies needed to accomplish refuge purposes and identify the Service's best estimate of future needs. These plans detail program planning levels that are sometimes substantially above current budget allocations and, as such, are primarily for Service strategic planning and program prioritization purposes. The plans do not constitute a commitment for staffing increases, operational and maintenance increases, or funding for future land acquisition.





Shawangunk Grasslands National Wildlife Refuge

 $Comprehensive\ Conservation\ Plan$

Submitted by:	
Edward G. Henry Refuge Manager Wallkill River and Shawangunk Grasslands N	Date Vational Wildlife Refuges
Concurrence by:	
Janet M. Kennedy Refuge Supervisor, North National Wildlife Refuge System	6/1/06 Date
Anthony D. Leger Northeast Regional Chief, National Wildlife Refuge System	6/2/06 Date
Approved by: Marvin E. Moriarty Regional Director, Region 5 U.S. Fish and Wildlife Service	<u>6/14(06</u> Date

Shawangunk Grasslands National Wildlife Refuge Comprehensive Conservation Plan May 2006

Abstract

Type of action: Administrative

Lead agency: U.S. Department of the Interior, Fish and Wildlife Service

Responsible official: Marvin Moriarty, Regional Director, Region 5

For further information: Nancy McGarigal, Planning Team Leader

U.S. Fish and Wildlife Service, Region 5

300 Westgate Center Drive

Hadley, MA 01035

(413) 253–8562; northeastplanning@fws.gov

This Comprehensive Conservation Plan (CCP) for the Shawangunk Grasslands National Wildlife Refuge (refuge) is the culmination of a planning effort involving state fish and wildlife agency, local partners, refuge neighbors, private landowners, and the local community. The CCP establishes 15vear management goals and objectives for wildlife and habitat, and public use and access. Under this plan, staff from the Wallkill River refuge headquarters office in Sussex, New Jersey, will continue to administer the Shawangunk Grasslands refuge. A small, seasonally staffed visitor contact facility and improved parking area and kiosk will increase opportunities for visitor outreach and improve the visibility of the Service. Other highlights of the CCP include: 1) managing 430 acres of grassland habitat using a diversity of tools and techniques to sustain high quality habitat for wintering raptors and nesting, foraging, and migrating grassland-dependent birds; 2) opening the refuge to fishing in the small pond; 3) initiating an archery hunt for white-tailed deer in the fall; 4) constructing an interpretive trail with observation platforms and photography blinds; 5) redesigning the scope of the original proposed restoration of the runways and taxiways to grassland to account for areas being used effectively by nesting grassland birds, and to look for opportunities to recycle waste materials onsite or nearby; and, 6) restoring the natural hydrology of the area to the extent it does not impede our grasslands habitat work. In addition, the plan identifies a 3,486-acre Shawangunk Grasslands Focus Area, including the refuge and contiguous, ecologically important land, where land use changes could directly affect refuge resources. The CCP does not propose Service acquisition of additional land at this time.





Shawangunk Grasslands National Wildlife Refuge

Comprehensive Conservation Plan

Refuge Vision Statement

The Shawangunk Grasslands National Wildlife Refuge, located in Ulster County, New York, provides exceptional grassland habitat within the Wallkill River watershed, a major tributary to the Hudson River. We will enhance and sustain this high quality habitat for the full complement of grassland-dependent birds that breed, winter and migrate through, the watershed. Other native grassland-dependent animals and regionally rare plants benefit from our management as well. With easy public access to the refuge's managed grasslands, and because of the open vistas the grasslands afford, it is an ideal setting for wildlife observation, nature photography, and environmental interpretation. All visitors will feel welcomed and encouraged to enjoy and appreciate the contribution of this refuge to the National Wildlife Refuge System.

U.S. Fish and Wildlife Service Refuge Headquarters 1547 County Route 565 Sussex, NJ 07461

May 2006

Table of Contents		Page
Chapter 1	Purpose of and Need for Action	1-1
	Introduction and Background	1-2
	The Service, its Policies and Legal Mandates	1-6
	Conservation Plans and Initiatives Guiding the Project	
	Refuge Establishment History and Purpose	
	Existing Refuge Operational Plans	
	Refuge Vision	
	Refuge Goals	
Chapter 2	Planning Process	
	The Comprehensive Conservation Planning Process	2-2
	Issues, Concerns, and Opportunities	
	Key Issues	
	Issues Outside the Scope of this Planning Process	
hapter 3	Refuge and Resource Descriptions	
	Introduction	3-2
	Natural Landscape Setting	
	Cultural Resources	
	Socioeconomic Setting.	
	Refuge Administration	
	Our Partnerships	
	Physical and Biological Resources on the Refuge	
	Public Use on the Refuge	
hapter 4	Management Direction and Implementation.	
	Introduction	4-2
	General Refuge Management.	
	Refuge Goals, Objectives and Strategies	4-10
	Implementation, Monitoring and Revision	
Chapter 5	List of Preparers	5-1
	Members of the Core Planning Team	5-2
	Assistance from Other Service Personnel	
Glossary		Glossary-1
Bibliography	B	ibliography-1

Table of Contents		Page
Appendixes	Appendix A – Species of Conservation Concern	A-1
	Appendix B – Compatibility Determinations	B-1
	Appendix C – Wilderness Review	C-1
	Appendix D – RONS/MMS Tables	D-1
	Appendix E – Staffing Chart	E-1
	Appendix F – Fire Management Plan	F-1
	Appendix G – ESA Section 7 Consultation	G-1
	Appendix H – Consultation and Coordination with Others	H-1
	Appendix I – Summary and Response to Public Comments	I-1
	Appendix J – Finding of No Significant Impact (FONSI)	J-1
List of Tables	Table 3-1 Grasslands birds Breeding on the Refuge 1998-2004	3-16
	Trust Species and Species of Conservation Concern	A-2
	Table D-1 Refuge Operations Needs (RONS) Projects	D-2
	Table D-2 Maintenance Management System (MMS) Projects	D-3
	Fuel/ Habitat Types	F-16
	Fuel Model R - May 15 to October 15	F-48
	Fuel Model E - October 15 to May 15	F-48

List of Figures	Figure 2.1 The Comprehensive Conservation Planning Process and compliance	
List of Maps	Map 1-1 Hudson River - New York Bight Watershed	1-4
	Map 1-2 Focus Area Boundary	1-5
	Map 3-1 Existing Land Use and Land Cover	3-13
	Map 4-1 Habitat Management	4-11
	Map 4-2 Public Use Management	4-12
	Map C-1 Shawangunk Grasslands NWR - Refuge Boundary	
	Map F-1 Hudson River - New York Bight Watershed	F-8
	Map F-2 Focus Area Boundary	F-9
	Map F-3 Habitat Management	F-17
	Focus Area Boundary	G-6
	Existing Land Use and Land Cover	G-7

Shawangunk Grasslands National Wildlife Refuge c/o Wallkill River Refuge 1547 County Route 565 Sussex, NJ 07461

E-Mail: wallkillriver@fws.gov

Phone: 973/702 7266

http://www.fws.gov/northeast/shawangunk/

Federal Relay Service for the deaf or hard of hearing 1800/877 8339

U.S. Fish and Wildlife Service Website http://www.fws.gov

For National Wildlife Refuge System Information: 1800/344 WILD

May 2006



