

**Coastal Mountains Land Trust
MANAGEMENT PLAN OUTLINE**

I. INTRODUCTION & PURPOSE

II. SUMMARY OF PRESERVE GOALS

III. PHYSICAL AND ECOLOGICAL CHARACTERIZATION

a. Physical and Morphological Characteristics

- i. Geology
 - 1. Bedrock
 - 2. Surficial
- ii. Soils
- iii. Climate
- iv. Hydrology
 - 1. Watershed
 - 2. Wetlands
 - 3. Aquifers
 - 4. Vernal pools

b. Vegetation

- i. Delineation of natural communities
- ii. Identification of rare species/communities
- iii. Identification of exotic species

c. Wildlife

- i. Critical habitat
- ii. Identification of Rare species
- iii. Identification of exotic species

IV. CONSERVATION BIOLOGY ISSUES

- a. Connectivity to Regional Conservation Picture
- b. Preserve – Patch Size & Spatial Configuration
- c. Natural disturbance regimes
 - i. Fire, wind, ice storms, etc.
- d. Threatened species/communities
- e. Fragile communities
- f. Sensitive Areas
- g. Exotic Invasive Species: Plants, Animals, Pests, & Disease

V. HUMAN USE OF THE PRESERVE

a. SOCIAL CONTEXT OF DUCKTRAP RIVER PRESERVE

- i. Land Use History
- ii. Acquisition History
- iii. Management/Rehabilitation History
- iv. Abutting land uses
- v. Anticipated uses/ impacts

b. PUBLIC ACCESS & USE

- i. Recreation inventory
 1. Identification of roads and trails
 2. Identification of Permitted Recreational Uses
 3. Identification of Conditional Recreational Uses
 4. Identification of Prohibited Recreational Uses
- ii. Special Features (i.e. scenic views)
- iii. Cultural features

c. EDUCATIONAL OPPORTUNITIES

- i. Summary of current educational resources

VI. GOALS with/ STEWARDSHIP MANAGEMENT OBJECTIVES

a. ACTIVE MANAGEMENT OF PRESERVE

- i. Trail Development & Maintenance
- ii. Ecological Management (forest, stream alterations)

b. LEGAL OBJECTIVES

- i. Boundary maintenance
- ii. Access control/gates, etc.
- iii. Hazard Control
- iv. Property tax status

c. INVENTORY & RESEARCH

- i. Geographic Information Systems
- ii. Further ecological inventory
- iii. Long-term research

d. PRESERVE-BASED EDUCATION

e. MONITORING

f. FINANCIAL SUMMARY

VII. ORGANIZATIONAL PROCESS

a. MANAGEMENT POLICIES (Rules)

b. PERSONNEL ROLES

c. DECISION-MAKING PROCESS

d. PLAN REVIEW, UPDATE, & AMENDMENT

VIII. REFERENCES

APPENDICES

Appendix 1: Maps of Preserve

- Legal
- Ecological
- Recreational

Appendix 2: List of Plant Species

Appendix 3: List of Observed Wildlife Species

Appendix 4: List of Potential Wildlife Species

Appendix 5: Aerial Photos of Preserve (current & past)

Appendix 6: Monitoring forms and information

Appendix 7: Summary of Rules & Regulations for Ducktrap River
Preserve

Appendix 8: Summary of Management Actions & Timeline

Appendix 9: Summary of Financial Plan/Budget