

APPENDIX J. Example of Threats Assessment – EGCP

East Gulf Coastal Plain (EGCP) - Terrestrial Habitats

Habitat Viability	Size	Condition	Landscape Context	Viability Rank
	Grade	Grade	Grade	
Eastern Longleaf Pine Savannah	Fair	Fair	Fair	Fair
Eastern Upland Longleaf Pine Forest	Fair	Fair	Fair	Fair
Slash Pine-Pondcypress-Hardwood Forest	Fair	Fair	Fair	Fair
Spruce Pine-Hardwood Flatwood	Poor	Fair	Fair	Fair
Live Oak-Pine-Magnolia Forest	Fair	Fair	Fair	Fair
Eastern Hillside Seepage Bog	Poor	Poor	Poor	Poor
Bayhead Swamp/Forested Seep	Fair	Fair	Poor	Fair
Shortleaf Pine/Oak-Hickory Forest	Poor	Poor	Poor	Poor
Small Stream Forest	Good	Fair	Fair	Fair
Mixed Hardwood-Loblolly Pine/Hardwood Slope Forest	Poor	Fair	Poor	Poor
Cypress-Tupelo-Blackgum Swamps	Good	Good	Good	Good
Bottomland Hardwood Forest	Good	Good	Fair	Good

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Bayhead Swamp/Forested Seep

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Altered water quality	High	Medium	Medium
Sedimentation	High	Low	Low
Habitat destruction or conversion	Very High	High	High
Habitat disturbance	High	Very High	High
Habitat fragmentation	High	Very High	High
Modification of water levels; changes in natural flow patterns	High	High	High

Sources of Threat		Altered composition structure		Altered water quality		Sedimentation		Habitat destruction or conversion		Habitat disturbance		Habitat fragmentation		Modification of water levels; changes in natural flow patterns		Threat to System Rank
		High	Medium	Low	Medium	Low	High	High	High	High	High					
Conversion to agriculture or other forest types	Contribution			Low			High					High				
	Irreversibility		-		-	Medium		High	High		-	High	High		-	High
	Source	-				Low		High				High				
Development of pipelines, roads or utilities	Contribution			Medium		Medium	Low	Low	Medium	Medium	Low	Medium	Medium	Medium	Medium	Medium
	Irreversibility		-		-	Medium		Very High	Medium	High	Medium	High	Medium	High	Medium	Medium
	Source	-				Medium		Medium		Medium	Medium	Medium	Medium	Medium	Medium	Medium
Incompatible forestry practices	Contribution	High		Low		High				Very High				Medium		
	Irreversibility	Medium	Medium	Medium	Low	Medium	Low		-	Medium	High		-	Medium	Medium	High
	Source	Medium		Low		Medium				High				Medium	Medium	High
Invasive/alien species	Contribution	Medium								Medium						
	Irreversibility	High	Medium		-					High	Medium					Medium
	Source	Medium								Medium						
Residential development	Contribution					Medium		Medium		Medium		High				
	Irreversibility		-		-	Low		Very High	High	Medium	Medium	Very High	High			High
	Source	-				Low		High		Medium		High				
Channelization of rivers or streams	Contribution	High				High		Medium		Medium				Very High		
	Irreversibility	High	High		-	High	Low	High	Medium	High	Medium			High	High	High
	Source	High				High		Medium		Medium				Very High		
Construction of ditches, drainage or diversion systems	Contribution	High				High		Low		Medium				High		
	Irreversibility	Medium	Medium		-	Medium	Low	Medium	Low	Medium	Medium			Medium	Medium	Medium
	Source	Medium				Medium		Low		Medium				Medium	Medium	Medium
Fire suppression	Contribution	Low														
	Irreversibility	Medium	Low		-											Low
	Source	Low														

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Bottomland Hardwood Forest

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Modification of water levels; changes in natural flow patterns	High	High	High
Habitat destruction or conversion	Very High	Medium	Medium
Habitat disturbance	Medium	High	Medium
Habitat fragmentation	Medium	High	Medium

Sources of Threat		Altered composition structure		Modification of water levels; changes in natural flow patterns		Habitat destruction or conversion		Habitat disturbance		Habitat fragmentation		Threat to System Rank
		High	High	Medium	Medium	Medium	Medium	Medium	Medium			
Channelization of rivers or streams	Contribution			Medium								Medium
	Irreversibility		-	High	Medium		-		-		-	
	Source	-		Medium		-		-		-		
Construction of ditches, drainage or diversion systems	Contribution	Medium		High								Medium
	Irreversibility	Medium	Medium	Medium			-		-		-	
	Source	Medium		Medium		-		-		-		
Development of pipelines, roads or utilities	Contribution			Medium		Medium		Medium		Medium		Medium
	Irreversibility		-	High	Medium	Very High	Medium	High	Low	High	Low	
	Source	-		Medium		High		Medium		Medium		
Operation of dams or reservoirs	Contribution	Medium		Very High								High
	Irreversibility	High	Medium	High	High		-		-		-	
	Source	Medium		Very High		-		-		-		
Incompatible forestry practices	Contribution	High						Medium		Low		Medium
	Irreversibility	Medium	Medium		-		-	Medium	Low		-	
	Source	Medium		-		-		Medium		-		
Invasive/alien species	Contribution	High										High
	Irreversibility	High	High		-		-		-		-	
	Source	High		-		-		-		-		
Conversion to agriculture or other forest types	Contribution					Very High				Very High		Medium
	Irreversibility		-		-	High	Medium		-	High	Medium	
	Source	-		-		Very High		-		Very High		
Residential development	Contribution					Medium		Medium		Medium		Medium
	Irreversibility		-		-	Very High	Medium	High	Low	Very High	Medium	
	Source	-		-		High		Medium		High		

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Cypress-Tupelo-Blackgum Swamp

Threats	Severity	Scope	Stress
Altered composition/structure	High	High	High
Sedimentation	High	Medium	Medium
Habitat destruction or conversion	Very High	Medium	Medium
Habitat disturbance	Medium	Medium	Medium
Habitat fragmentation	Medium	Low	Low
Modification of water levels; changes in natural flow patterns	High	High	High

Sources of Threat		Altered composition structure		Sedimentation		Habitat destruction or conversion		Habitat disturbance		Habitat fragmentation		Modification of water levels; changes in natural flow patterns		Threat to System Rank
		High		Medium		Medium		Medium		Low		High		
Channelization of rivers or streams	Contribution		-	Medium	Low		-		-		-	Medium	Medium	Medium
	Irreversibility			High								High		
	Source	-		Medium		-		-		-		Medium		
Construction of ditches, drainage or diversion systems	Contribution	Medium	Medium	Medium	Low		-		-		-	Medium	Medium	Medium
	Irreversibility	Medium		Medium								Medium		
	Source	Medium		Medium		-		-		-		Medium		
Development of pipelines, roads or utilities	Contribution		-	Low	Low	Medium	Medium	Medium	Low	Medium	Low	Medium	Medium	Medium
	Irreversibility			Medium		Very High		High		High		High		
	Source	-		Low		High		Medium		Medium		Medium		
Operation of dams or reservoirs	Contribution	Medium	Medium	Medium	Low		-		-		-	Very High	High	High
	Irreversibility	High		High								High		
	Source	Medium		Medium		-		-		-		Very High		
Incompatible forestry practices	Contribution	High	Medium	Low	Low		-	Medium	Low		-		-	Medium
	Irreversibility	Medium		Medium				Medium						
	Source	Medium		Low		-		-		-				
Invasive/alien species	Contribution	Medium	Medium		-		-		-		-		-	Medium
	Irreversibility	High												
	Source	Medium		-		-		-		-		-		

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Eastern Hillside Seepage Bog

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High
Modification of water levels; changes in natural flow patterns	Very High	Medium	Medium

Sources of Threat		Altered composition structure		Habitat destruction or conversion		Habitat disturbance		Modification of water levels; changes in natural flow patterns		Threat to System Rank
		High		Very High		High		Medium		
Conversion to agriculture or other forest types	Contribution		-	Very High	Very High		-		-	Very High
	Irreversibility Source			High						
Fire suppression	Contribution	Very High	High		-		-		-	High
	Irreversibility Source	Medium								
Incompatible forestry practices	Contribution	Medium	Medium		-	High	Medium	Low	Low	Medium
	Irreversibility Source	Medium				Medium		Medium	Low	
Invasive/alien species	Contribution	Medium	Medium		-		-		-	Medium
	Irreversibility Source	High								
Residential development	Contribution		-	Medium	Very High	Low	Medium		-	Very High
	Irreversibility Source			Very High		High				
Development of pipelines, roads or utilities	Contribution		-		-	Low	Medium		-	Medium
	Irreversibility Source					High				
Construction of ditches, drainage or diversion systems	Contribution	Low	Low		-	Low	Low	Very High	Medium	Medium
	Irreversibility Source	Medium				Medium		Medium	High	

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Eastern Longleaf Pine Savannah

Threats	Severity	Scope	Threat
Altered composition/structure	High	Very High	High
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High
Modification of water levels; changes in natural flow patterns	High	Medium	Medium
Habitat fragmentation	High	Very High	High

Sources of Threat		Altered composition structure	Habitat destruction or conversion	Habitat disturbance	Modification of water levels; changes in natural flow patterns	Habitat fragmentation	Threat to System Rank
		High	Very High	High	Medium	High	
Conversion to agriculture or other forest types	Contribution		Medium			Medium	High
	Irreversibility Source	-	High	-	-	High	
Fire suppression	Contribution	Very High	High				High
	Irreversibility Source	Medium		-	-	-	
Incompatible forestry practices	Contribution	Medium	Medium	High	Low		Medium
	Irreversibility Source	Medium		Medium	Medium	Low	
Invasive/alien species	Contribution	Medium	Medium				Medium
	Irreversibility Source	High		-	-	-	
Residential development	Contribution		Very High	Medium		Very High	Very High
	Irreversibility Source	-	Very High	Medium	-	Very High	
Development of pipelines, roads or utilities	Contribution		Medium	Low		Medium	Very High
	Irreversibility Source	-	Very High	Low	-	High	
Construction of ditches, drainage or diversion systems	Contribution	Low	Low	Low	Very High		High
	Irreversibility Source	High	High	Medium	High	Medium	
Commercial/industrial development	Contribution		High			Low	Very High
	Irreversibility Source	-	Very High	-	-	Very High	

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Eastern Upland Longleaf Pine Forest

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Habitat fragmentation	High	Very High	High
Habitat disturbance	Medium	Medium	Medium
Habitat destruction or conversion	Very High	Very High	Very High

Sources of Threat		Altered composition structure		Habitat fragmentation		Habitat disturbance		Habitat destruction or conversion		Threat to System Rank
		High		High		Medium		Very High		
Conversion to agriculture or other forest types	Contribution			Very High				Very High		Very High
	Irreversibility		-	High	High		-	High	Very High	
	Source	-		Very High		-		Very High		
Fire suppression	Contribution	Very High								High
	Irreversibility	Medium	High		-		-		-	
	Source	High		-		-		-		
Incompatible forestry practices	Contribution	Medium				High				Medium
	Irreversibility	Medium	Medium		-	Medium	Low		-	
	Source	Medium		-		Medium		-		
Invasive/alien species	Contribution	Medium								Medium
	Irreversibility	High	Medium		-		-		-	
	Source	Medium		-		-		-		
Residential development	Contribution			High		Medium		High		Very High
	Irreversibility		-	Very High	High	Medium	Low	Very High	Very High	
	Source	-		High		Medium		High		
Development of pipelines, roads or utilities	Contribution			Low		Low		Medium		Very High
	Irreversibility		-	High	Medium	Medium	Low	Very High	Very High	
	Source	-		Medium		Low		High		
Commercial/industrial development	Contribution							Medium		Very High
	Irreversibility		-		-		-	Very High	Very High	
	Source	-		-		-		High		

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Live Oak-Pine-Magnolia Forest

Threats	Severity	Scope	Stress
Altered composition/structure	Very High	Very High	Very High
Habitat fragmentation	High	Very High	High
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High

Sources of Threat		Altered composition structure		Habitat fragmentation		Habitat destruction or conversion		Habitat disturbance		Threat to System Rank
		Very High		High		Very High		High		
Conversion to agriculture or other forest types	Contribution		-	Very High	High	Very High	Very High		-	Very High
	Irreversibility			High		High				
	Source	-		Very High		Very High				
Incompatible forestry practices	Contribution	Low	Medium		-		-	Low	Low	Medium
	Irreversibility	Medium								
	Source	Low		-		-				
Invasive/alien species	Contribution	High	Very High		-		-	High	High	Very High
	Irreversibility	High								
	Source	High		-		-				
Residential development	Contribution		-	Very High	High	Very High	Very High	Medium	Medium	Very High
	Irreversibility			Very High		Very High				
	Source	-		Very High		Very High				
Development of pipelines, roads or utilities	Contribution		-	Low	Medium	Medium	Very High	Low	Low	Very High
	Irreversibility			High		Very High				
	Source	-		Medium		High				

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Mixed Hardwood-Loblolly Pine/Hardwood Slope Forests

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Habitat fragmentation	High	Very High	High
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High

Sources of Threat		Altered composition structure		Habitat fragmentation		Habitat destruction or conversion		Habitat disturbance		Threat to System Rank
		High		High		Very High		High		
Conversion to agriculture or other forest types	Contribution			Very High		Very High				Very High
	Irreversibility		-	High	High	High	Very High		-	
	Source	-		Very High		Very High		-		
Development of pipelines, roads or utilities	Contribution			Medium				Medium		Medium
	Irreversibility		-	High	Medium		-	High	Medium	
	Source	-		Medium		-		Medium		
Incompatible forestry practices	Contribution	High		Medium				Medium		Medium
	Irreversibility	Medium	Medium	Medium	Medium		-	Medium	Medium	
	Source	Medium		Medium		-		Medium		
Invasive/alien species	Contribution	High								High
	Irreversibility	High	High		-		-		-	
	Source	High		-		-		-		
Residential development	Contribution			High		High		Medium		Very High
	Irreversibility		-	Medium	Medium	Very High	Very High	Medium	Medium	
	Source	-		Medium		High		Medium		

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Spruce Pine-Hardwood Flatwood

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Modification of water levels; changes in natural flow patterns	High	Medium	Medium
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	Medium	Medium	Medium
Habitat fragmentation	High	Very High	High

Sources of Threats		Altered composition structure		Modification of water levels; changes in natural flow patterns		Habitat destruction or conversion		Habitat disturbance		Habitat fragmentation		Threat to System Rank
		High	Medium	High	Medium	Very High	Medium	High	High			
Conversion to agriculture or other forest types	Contribution					High	Very High			High	Very High	
	Irreversibility		-		-	High			-	High		
	Source	-		-		High			-	High		
Incompatible forestry practices	Contribution	Very High		Low			-	High			High	
	Irreversibility	Medium	High	Medium	Low				Medium	Low		
	Source	High		Low					Medium			-
Invasive/alien species	Contribution	High					-				High	
	Irreversibility	High	High		-					-		
	Source	High		-						-		
Residential development	Contribution					Very High	Very High	Medium		Very High	Very High	
	Irreversibility		-		-	Very High			Medium	Low		Very High
	Source	-		-		Very High			Medium			Very High
Development of pipelines, roads or utilities	Contribution					Medium	Very High	Low		Low	Very High	
	Irreversibility		-		-	Very High			Medium	Low		High
	Source	-		-		High			Low			Medium
Construction of ditches, drainage or diversion systems	Contribution	Medium		Very High			-	Low			Medium	
	Irreversibility	Medium	Medium	Medium	Medium				Medium	Low		
	Source	Medium		High					Low			-
Commercial/industrial development	Contribution					Low	High				High	
	Irreversibility		-		-	Very High				-		
	Source	-		-		Medium				-		

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Shortleaf Pine/Oak-Hickory Forest

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Habitat fragmentation	High	Very High	High
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High

Sources of Threat		Altered composition structure		Habitat fragmentation		Habitat destruction or conversion		Habitat disturbance		Threat to System Rank
		High		High		Very High		High		
Conversion to agriculture or other forest types	Contribution		-	Very High	High	Very High	Very High		-	Very High
	Irreversibility			High		High				
	Source	-		Very High		Very High				
Development of pipelines, roads or utilities	Contribution		-	Medium	Medium	Low	High	Medium	Medium	High
	Irreversibility			High		Very High		High		
	Source	-		Medium		Medium		Medium		
Incompatible forestry practices	Contribution	High	Medium		-		-	Very High	High	High
	Irreversibility	Medium						Medium		
	Source	Medium						High		
Invasive/alien species	Contribution	High	High		-		-		-	High
	Irreversibility	High								
	Source	High								
Residential development	Contribution		-	Medium	High	High	Very High	High	Medium	Very High
	Irreversibility			Very High		Very High		Medium		
	Source	-		High		High		Medium		
Fire suppression	Contribution	High	Medium		-		-		-	Medium
	Irreversibility	Medium								
	Source	Medium								

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Slash Pine-Pondcypress-Hardwood Forest

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Modification of water levels; changes in natural flow patterns	Medium	Medium	Medium
Habitat destruction or conversion	Very High	Very High	Very High
Habitat disturbance	High	Very High	High
Habitat fragmentation	High	Very High	High

Sources of Threat		Altered composition structure		Modification of water levels; changes in natural flow patterns		Habitat destruction or conversion		Habitat disturbance		Habitat fragmentation		Threat to System Rank
		High	Medium	High	Medium	Very High	High	High	High			
Conversion to agriculture or other forest types	Contribution					High	Very High			High	High	Very High
	Irreversibility					High				High		
	Source	-				High				High		
Incompatible forestry practices	Contribution	High	Medium	Low	Low		-	High	Medium		-	Medium
	Irreversibility	Medium		Medium				Medium				
	Source	Medium		Low				Medium				
Invasive/alien species	Contribution	Medium	Medium		-		-		-		-	Medium
	Irreversibility	High										
	Source	Medium										
Residential development	Contribution		-		-	Medium	Very High	Medium	Medium	High	High	Very High
	Irreversibility					Very High		Medium		Very High		
	Source	-				High		Medium		High		
Development of pipelines, roads or utilities	Contribution		-		-	Low	High	Low	Low	Low	Medium	High
	Irreversibility					Very High		Medium		High		
	Source	-				Medium		Low		Medium		
Construction of ditches, drainage or diversion systems	Contribution	Low	Medium	Very High	Medium		-	Low	Low		-	Medium
	Irreversibility	High		Medium				Medium				
	Source	Medium		High				Low				
Commercial/industrial development	Contribution		-		-	Low	High		-		-	High
	Irreversibility					Very High						
	Source	-				Medium						
Fire suppression	Contribution	Medium	Medium		-		-		-		-	Medium
	Irreversibility	Medium										
	Source	Medium										

APPENDIX J. Example of Threats Assessment – EGCP

EGCP - Small Stream Forest

Threats	Severity	Scope	Stress
Altered composition/structure	High	Very High	High
Altered water quality	Medium	Medium	Medium
Sedimentation	Medium	Medium	Medium
Habitat destruction or conversion	Very High	High	High
Habitat disturbance	High	Very High	High
Habitat fragmentation	High	Very High	High
Modification of water levels; changes in natural flow patterns	High	High	High

Sources of Threat		Altered composition structure		Altered water quality		Sedimentation		Habitat destruction or conversion		Habitat disturbance		Habitat fragmentation		Modification of water levels; changes in natural flow patterns		Threat to System Rank
		High	Medium	Medium	Low	Medium	High	High	High	High	High					
Channelization of rivers or streams	Contribution Irreversibility Source	Medium	Medium		-	High	Medium	Medium	Medium	Medium	Medium		-	Very High	High	High
		High				High		High	Medium	High	Medium			High		
		Medium				High		Medium	Medium	Medium	Medium			Very High		
Development of pipelines, roads or utilities	Contribution Irreversibility Source	-	-		-	Medium	Low	Low	Medium	Medium	Medium	Low	Medium		-	Medium
						Medium		Very High	Medium	High	Medium	High	Medium			
						Medium		Medium	Medium	Medium	Medium	Medium	Medium			
Incompatible forestry practices	Contribution Irreversibility Source	High	Medium	Low	Low	Low	Low		-	High	Medium		-		-	Medium
		Medium		Medium	Low	Low				Medium	Medium					
						Low				Medium	Medium					
Gravel mining	Contribution Irreversibility Source		-	Very High	Medium	Very High	Medium	Very High	High		-		-		-	High
				Very High		Very High		Very High								
						Very High		Very High								
Livestock production practices	Contribution Irreversibility Source	Medium	Medium	High	Low		-		-		-		-		-	Medium
		Medium		Medium												
				Medium												
Residential development	Contribution Irreversibility Source		-		-	Medium	Low	Medium	High	Medium	Medium	Medium	High		-	High
						Low		High		Medium	Medium	High				
						Low		High								
Commercial/industrial development	Contribution Irreversibility Source		-		-	Medium	Low	Medium	High		-	Low	Medium		-	High
						Low		Very High				Very High	Medium			
						Low		High				Medium				
Invasive/alien species	Contribution Irreversibility Source	High	High		-		-		-	Medium	Medium		-		-	High
		High								High	Medium					

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