Appendix 9. Genovesi Preserve

Acreage: 3.0

Block and Lot: B20, L18.01

Ownership: FoHVOS (100%)

Year(s) Purchased: 2000

Location & Access: The preserve is located on the south side of Crusher Road, approximately 2.8 miles east of Route 654. Nearest street address: 29 Crusher Road, Hopewell. Parking access is difficult, but vailable along the road (shoulder is narrow).

Structures: None

Additional property information is summarized in Appendix W. The following Preserve maps are provided at the end of this document:

- Map 1 2007 Aerial Photography
- Map 2 1930 Aerial Photography
- Map 3 Topography
- Map 4 Bedrock Geology
- Map 5 Soils
- Map 6 Land Cover Types (2007)
- Map 7 Protected Lands
- Map 8 Deer Management
- Map 9 Invasive Plant Cover (Relative Infestation Severity for all species)

Website Description:

Genovesi Preserve is situated in Hopewell's Mount Rose section. This parcel protects a portion of the area's forest and features woody plant species such as maple leaf viburnum, black birch, and ironwood. The site was once quarried – a large pit and a stone foundation remain as evidence.

BROAD PROPERTY DESCRIPTION

The Genovesi Preserve (see Map 1) is located in eastern Hopewell Township. The topography (see Map 3) is steep sloping in multiple directions at about 280 feet above sea level.

Based upon analysis of NJDEP's 2007 Land Use/Land Cover dataset, the preserve contains one broad plant community: Deciduous Forest (> 50% canopy) – Upland. The preserve is surrounded by forest and residential parcels. Land Use/Land Cover is summarized in Appendix X and illustrated in Map 6.

Historically the preserve was forest and quarry. Stone foundations and steep topography delineate the quarry areas.

The forest's native species composition is comprised of American beech, tulip tree, ash, black cherry, mazzard cherry, black birch, grape, red oak, hop hornbeam, white wood aster (only on roadside), bitternut hickory, and sedges. Herbaceous plants are found only in small populations. Canopy gaps and much of the understory are colonized by non-native species.

The preserve has two types of bedrock geology--the Jurassic (predominant) and Passaic formations. See Map 4.

The preserve has three soil types (see Map 5)--Neshaminy silt loam, 6 to 12 percent slopes, very stony; Neshaminy silt loam, 12 to 30 percent slopes, very rubbly; and Neshaminy silt loam, 2 to 6 percent slopes. The preserve's soils are described in Appendix Y.

CONSERVATION VALUES

Based on an analysis involving the ranking of ecological values and threats (See Community Stewardship Plan text), the Preserve has a weighted Ecological Value of 25-50%. See Appendix A for a description of ranking factors.

Forest and Woodland Communities: The preserve is part of the Mount Rose large forest patch.

The forest patch found on the Preserve and surrounding area is an important stop-over habitat (spring and fall resting and feeding) for migratory species. The spottiness of the woodland shrub layer reduces the value of nesting and successful breeding for bird species.

Old forest: The majority of the preserve was forested in the 1930s, except for the quarry area. See Map 2.

Early Successional Communities: Shrublands: N/A

Meadows/Grasslands: N/A

Waterbodies: N/A

Rare Species: Rare Plants: None.

Rare Animals: The Landscape Project has identified the Preserve as ranked for species of State Endangered, Threatened, and Special Concern Species. The Preserve has suitable wood turtle habitat in the eastern areas. See Appendix L for a list of species.

THREATS

Deer: The understory and herb layers are severely browsed. Regeneration of the native shrub and canopy layer are currently non-existent.

Invasive species: In 2008 staff began walk-through surveys for emerging invasive species on all preserves. Mapping documented each species and its population size. No species were detected. See <u>www.njisst.org</u> for the current status of emerging invasive species at the Preserve.

In 2011 staff completed surveys for invasive plant species on all preserves (see Map 9). Mapping documented each species found and its population size (See Table 1 below). The five species with the highest infestation scores include: Winged Burning Bush, Japanese Honeysuckle, Garlic Mustard, Wineberry, and Multiflora Rose.

Other: N/A

STRATEGIES and ACTIONS

Forest and Woodland Habitat Stewardship: Annual surveys for and eradication of emerging invasive species is a high priority at this Preserve.

No action is recommended for widespread invasive species, except for winged burning bush and Asiatic bittersweet. All fruiting and flowering individuals should be treated with basal bark or cut stump (in the case of vines on trees). Reduced deer density will allow the native plant communities to recover and compete with all other widespread invasive species on a long-term basis.

Early Successional Habitat Stewardship: N/A

Deer Management: The preserve is enrolled in the DMP for bow hunting. See Map 8 for delineations of the 150' and 450' safety zones and hunting status.

Rare Species Management: N/A

Neighboring Lands: See Map 7 for adjacent protected lands.

Waterbodies Management: N/A

Undesirable Activities Management: N/A

Scientific Research Assessment: The Preserve is available for scientific research.

Recreational Opportunities Assessment: The preserve is too small to support a trail and vehicular access is difficult.

SchentikhameChemon NameIndex ScorePresentPrecome Recome number(Purus)NoTrace1-10°1-20°2-35°3-57°7-37°							Acreage by Percent Ground Cover Categories							
NormTotal PasantPrior Pasant														
InferitationInferitationArrowInferitationInteractionCategory <th></th>														
SchentikenameIndex SoorPresentPrecome PresentPrecome PrecomePrecome PrecomePrecome PrecomePrecome PrecomePrecome PrecomePrecome PrecomePrecome PrecomePrecome PrecomePrecome PrecomePrec								.						
Act or plannam Astar plannam One O.0 NA NA <t< th=""><th>mm en Nom e</th><th></th><th></th><th></th><th></th><th></th><th></th><th>• •</th><th></th><th></th><th></th><th></th><th>Category 5: 75-100%</th></t<>	mm en Nom e							• •					Category 5: 75-100%	
Aper phase description No. NA						(nours)							0.0	
Alambra dissima The of Heaven 0.0 0.0 NA 1.81 0.0 0.0 0.0 0.0 0.0 Alama pelodia Garix Mardaro 3.9 1.7 52.8 None 1.90 0.0 <td></td> <td>0.0</td>													0.0	
Alter proteins Optic Mustard 3.9 1.7 52.3 None 1.40 0.0 0.1 0.9 0.6 0.0 Atternisia vulgaris Cormon May ort 0.0														
Artentiss ubgaris Ormon Maye off 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Arhraxon hispidus Stral Cargarss 0.0 0.0 0.0 NA 316 0.0 0.													0.0	
Advisors Small Carponess 0.0 0.0 1.0 31.3 None 2.17 1.0 0.0 0.0 0.0 0.0 Barberis Intundergi Augrones Barberry 0.0 1.0 31.3 None 2.17 1.0 0.00 0.0 <									-				0.0	
Barberis Hunbergii Japanese Barberry 0.0 10 31.3 None 2.17 10 0.02 0.0 0.0 0.0 Cardamine impaires Narrow-lexived Bittercress 0.0 0.0 0.0 NA 3.16 0.0 NA 3.16 0.0 0.0 0.0 0.0 NA 3.16 0.0														
Cardamine impatient Narrow-leaved Bittercress 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Catalge biponoides Northen Catalga 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Catalge biponoides Northen Catalga 0.0													0.0	
Catalpa bignonioldes Northern Catalpa 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Celastrus orbiculatus Astaic Bitersw eet 2.0 1.7 52.2 Control Treat Fruiting Punts 10 1.51 0.0 0.0 0.0 0.0 0.0 Centures g. Knapve ed sp. 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Cisium arenes Canada Bitele 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Dipsectors Teasel 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Einonymus alata Winged Burning Bush 7.4 2.1 64.9 Fruiting Pants 30 1.11 0.1 0.2 0.2 0.5 0.0 0.0 Laystow bursition Odd 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 0.0	, ,												0.0	
Construit orbitalities Asiante Bitters weit 2.0 1.7 52.2 Fruing Pants 10 1.51 0.0 1.5 0.1 0.1 0.0 Cantures sp. Knapw eed sp. 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Cantures sp. Knapw eed sp. 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Dispace sylvesrin Tessel 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Dispace sylvesrin Tessel 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Einormus alat Minge Buring Bush 7.4 2.1 64.9 NA 3.16 0.0													0.0	
Calastro orbiculars Asianc Bittersweet 2.0 1.7 52.2 Fruiting Pants 10 1.51 0.0 0.0 0.0 0.0 Cantura sp. Knapw eet sp. 0.0	orthern Catalpa	0.0	0.0	0.0			3.16	0.0	0.0	0.0	0.0	0.0	0.0	
Canturea sp. Knapw eed sp. 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Cirisium arrenso Canada Thistle 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Dipsaces Sylvestis Teasel 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Eleoggnus umbellata Auturn Olive 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Elonymus alata Winged Burning Bush 7.4 2.1 64.9 Fruiting Pants 30 1.11 0.1 0.2 0.2 0.5 0.0 0.0 Liggestrum obusifolium Border Privet 0.0 0.0 0.0 NA 3.16 0.0	sistic Bittersweet	2.0	17	52.2		10	1.51	0.0	1.5	0.1	0.1	0.0	0.0	
Cirsium arvense Canada Thistle 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Dipsacies sylvestris Teasel 0.0 0.0 0.0 NA 3.16 0.0 0.00 0.0 0.0 Eleaggnus unbellat Autum Olive 0.00 0.0 NA 3.16 0.0 0.0 0.0 0.0 0.0 0.0 NA 3.16 0.0 <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td> <td>3.16</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td>						10	3.16	0.0	0.0	0.0	0.0	0.0	0.0	
Dipacus sylvestris Teasel 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Eleaegnus unbellata Auturn Olive 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Elongmus alata Winged Burning Bush 7.4 2.1 64.9 Fruiting Plants 3.0 1.11 0.1 0.2 0.2 0.5 0.0 0.0 Lisp seudoactis Yellow His 0.0 0.0 0.0 NA 3.16 0.0													0.0	
Eleagrus unbellata Autum Olive 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 0.0 Eleagrus unbellata Winged Burning Bush 7.4 2.1 64.9 Fruiting Pants 3.0 1.11 0.1 0.2 0.2 0.5 0.0 0.0 Lespedeza cuneata Chinese Bushclover 0.0 0.0 0.0 NA 3.16 0.0 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0</td></th<>													0.0	
Base Stress Dot Dot Dot Control - Treat Fruing Pants 30 1.11 0.1 0.2 0.2 0.5 0.0 Lespedeza cuneata Chinese Bushclover 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Lespedeza cuneata Chinese Bushclover 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Ligustrum obusifolium Border Privet 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Lonicera janoses Honeysuckle 6.2 2.7 84.8 None 0.48 0.0 0.4 1.1 1.0 0.2 Lonicera mackii Amur Honeysuckle 0.0 0.0 NA 3.16 0.0													0.0	
Euronmus alata Winged Burning Bush 7.4 2.1 64.9 Fruiting Pants 30 1.11 0.1 0.2 0.2 0.5 0.00 1 Lirls pseudoacris Yelow Iris 0.0 0.0 0.0 NA 3.16 0.0	utumn Olive	0.0	0.0	0.0										
Iris pseudoacris Yelkow Iris 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Lespedeza cureata Chinese Buschover 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Ligustrum obtus/follum Border Privet 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Lonicera mackii Amur Honeysuckle 6.2 2.7 84.8 None 0.48 0.0 0.4 1.1 1.0 0.2 1.0 Lonicera mackii Amur Honeysuckle 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Lonicera mackii Amur Honeysuckle 0.0 0.0 0.0 NA 3.16 0.0 <	inged Burning Bush	74	21	64 9		30	1.11	0.1	0.2	0.2	0.5	0.0	1.08	
Lespedeza cureata Chinese Bushclover 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Ligustrum obtisifolium Border Privet 0.0 0.0 N/A 3.16 0.0 0.00 0.0 0.0 Lonicera maeckii Amur Honeysuckle 6.2 2.7 84.8 None 0.48 0.0 0.4 1.1 1.0 0.2 1.0 Lonicera maeckii Amur Honeysuckle 0.0 0.0 N/A 3.16 0.0 0.	0 0					00	3.16	0.0	0.0	0.0	0.0	0.0	0.0	
Ljustrum obtusifolium Border Privet 0.0 0.0 NA 3.16 0.0 0.00 0.0 0.0 Lonicera japonica Japanese Honeysuckle 6.2 2.7 84.8 None 0.48 0.0 0.4 1.1 1.0 0.2 Lonicera mackii Amur Honeysuckle 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Lonicera marcwii Morrow's Honeysuckle 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Lysimachia nummularia Morewy ort 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Lythrum salicaria Purple Losestrife 0.0 0.0 0.0 NA 3.16 0.0													0.0	
Lonicera japonica Japanese Honeysuckle 6.2 2.7 84.8 None 0.48 0.0 0.4 1.1 1.0 0.2 Lonicera maackii Amur Honeysuckle 0.0 0.0 0.0 NA 3.16 0.0													0.0	
Control plantacii Differenti and plantacii andi di plantacii andidi and plantacii andi and plantacii a													0.0	
Lonicera morrowii Morrow's Honeysuckle 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Lysimachia nummularia Moneyw ort 0.0 0.0 0.0 NA 3.16 0.0	, ,								-		-	-	0.0	
Consistent of the restriction Order Order <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0</td></t<>													0.0	
Lythrum salicaria Purple Loosestrife 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Malus toringo Toringo Crabapple 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Microstegium vimineum Japanese Stiltgrass 1.9 1.2 36.7 None 2.00 0.0 0.8 0.0 </td <td>,</td> <td></td> <td>0.0</td>	,												0.0	
Control Control <t< td=""><td>,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0</td></t<>	,												0.0	
Microstegium vimineum Japanese Stiltgrass 1.9 1.2 36.7 None 2.00 0.0 0.8 0.0 0.3 0.0 0.0 N/A Non-native, cool season grass 0.0 0.0 0.0 N/A 3.16 0.0													0.0	
NA Non-native col season grass 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Phalaris arundinacea Reed Canary Grass 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Phalaris arundinacea Reed Canary Grass 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Phragmites australis Common Reed 0.0 0.0 0.0 NA 3.16 0.0	· · ·												0.04	
Ministry outside Ministry outside<		-						0.0	0.0	0.0		0.0	0.04	
Phragmites australis Common Reed 0.0 0.0 0.0 NA 3.16 0.0	·												0.0	
Delygonum cuspidatum Japanese Knotweed 0.0 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 0.0 Polygonum cuspidatum Mile-a-Minute 0.0 0.0 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 0.0 Polygonum perfoliatum Mile-a-Minute 0.0	,												0.0	
Polygound perfoliatum Mie-a-Minute 0.0 0														
Drus calleryana Callery Pear 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Ranunculus ficaria Lesser Celandine 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 0.0 Robinia pseudoacacia Black Locust 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 0.0 Rosa multiflora Multifloral Rose 3.2 1.5 47.2 None 1.67 0.0 0.3 0.7 0.5 0.0 0.0 Rubus pheoniculasius Wineberry 3.9 2.3 72.8 None 0.86 0.0 1.6 0.04 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0													0.0	
Ranuculus ficaria Lesser Celandine 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Ranuculus ficaria Lesser Celandine 0.0 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Rabinia pseudoacacia Black Locust 0.0 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 0.0 Robinia pseudoacacia Black Locust 0.0 0.0 0.0 0.0 NA 3.16 0.0													0.0	
Robinia pseudoacacia Black Locust 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 0.0 Robinia pseudoacacia Black Locust 0.0 0.0 0.0 NA 3.16 0.0 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0</td></th<>													0.0	
Rosa multiflora Multifloral Rose 3.2 1.5 47.2 None 1.67 0.0 0.3 0.7 0.5 0.0 Rubus pheoriculasius Wineberry 3.9 2.3 72.8 None 0.86 0.0 1.6 0.04 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.0													0.0	
Note intensitie Note													0.0	
Securigera varia Crow n vetch 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Viburnum dilatatum Linden Viburnum 0.0 0.0 0.0 NA 3.16 0.0 0.		-	-				-			••••			0.0	
Viburnum dilatatum Linden Viburnum 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0 Viburnum sieboldii Siebold's Viburnum 0.0 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0	,												0.0	
Viburnum sieboldii Siebold's Viburnum 0.0 0.0 0.0 N/A 3.16 0.0 0.0 0.0 0.0													0.0	
													0.0	
Wisteria floribunda Japanese Wisteria 0.0 0.0 NA 3.16 0.0 0.0 0.0 0.0													0.0	
	panese Wisteria	0.0	0.0	0.0			3.16	0.0	0.0	0.0	0.0	0.0	0.0	
· · ·		vanese Maple vanese Maple vanese Maple vanese Maple vanese Maple vanese Barberry vanese Maple vanese Barberry vanese Maple vanese Maple vanese Maple vanese Stilgrass vanese Knotw eed vanetweet vanetweet vanetweet vanetweet vanetweet va	mmon NameIndex Score1vanese Maple0.0way Maple0.0e-of-Heaven0.0ifc Mustard3.9mmon Mugw ort0.0all Carpgrass0.0anese Barberry0.0anese Barberry0.0rrow -leaved Bittercress0.0rrow -leaved Bittercress0.0anade States0.0anada Thistle0.0anada Thistle0.0asel0.0turn Olive0.0anged Burning Bush7.4low Iris0.0nese Honeysuckle0.0row's Honeysuckle0.0row's Honeysuckle0.0nates Stiltgrass1.9n-native, cool season grass0.0mmon Reed0.0anaese Knotweed0.0col Carbapple0.0ser Celandine0.0ck Locust0.0mon Reed0.0ck Locust0.0ck Locust	Infestation Index ScoreAcres Presentwanese Maple0.00.0wanese Maple0.00.0e-of-Heaven0.00.0rike want3.91.7mmon Mugw ort0.00.0anaese Barberry0.00.0anaese Barberry0.00.0wanese Barberry0.00.0row-leaved Bittercress0.00.0atic Bittersw eet2.01.7agw eed sp.0.00.0adad Thistle0.00.0adad Thistle0.00.0aged Burning Bush7.42.1llow iris0.00.0anese Honeysuckle0.00.0nesse Subsclover0.00.0anese Honeysuckle0.00.0menses Uitgrass1.91.2new ord farss0.00.0anese Knotw eed0.00.0anese Kintw eed0.00.0anese Stiltgrass1.91.2native Col season grass0.00.0anese Knotw eed0.00.0anese Kintw eed0.00.0anese Knotw eed0.0	mmon Nameof Infestation Index Scoreof Preserve 	mmon Name Infestation Index Score ¹ of Preserve Prese	nmon NameInfestation Index ScoreTotal PresentOf PresentLOE Presentnamese Maple0.00.00.0NA(Hours)anese Maple0.00.00.0NA-e-d-Heaven0.00.00.0NA-fic Mustard3.91.752.8None-anese Barberry0.00.00.0NA-anese Barberry0.00.00.0NA-anese Barberry0.00.00.0NA-row-leaved Bittercress0.00.00.0NA-anaese Barberry0.00.00.0NA-anaese Barberry0.00.00.0NA-row-leaved Bittercress0.00.00.0NA-atac Bitters weet2.01.752.2Fruiting Plants10apw ed sp.0.00.00.0NA-atagel0.00.00.0NA-aged Burning Bush7.42.164.9Fruiting Plants30low ris0.00.00.0NA-anese Honeysuckle0.00.00.0NA-anese Honeysuckle0.00.00.0NA-iged Burning Bush7.42.164.9Fruiting Plants30low ris0.00.00.0NA-iged Privet0.00.00.0NA <t< td=""><td>Infestation Total Acres of Present Treatment Present LOE Estimate Category 0: (Hours) annese Maple 0.0 0.0 0.0 N/A 3.16 way Maple 0.0 0.0 0.0 N/A 3.16 way Maple 0.0 0.0 0.0 N/A 3.16 e-of-Heaven 0.0 0.0 0.0 N/A 3.16 icito Mustard 3.9 1.7 55.8 None 1.49 mmon Mgwort 0.0 0.0 0.0 N/A 3.16 ansese Barberry 0.0 1.0 31.3 None 2.17 row-leaved Bittercress 0.0 0.0 N/A 3.16 anda Thiste 0.0 0.0<!--</td--><td>Protect Preserve Area Treatment anses Maple LOE bit mates Category: 0% Category: Trace anses Maple 0.0 0.0 0.0 NA 3.16 0.0 e-d-Heaven 0.0 0.0 NA 3.16 0.0 e-d-Heaven 0.0 0.0 NA 3.16 0.0 icit Mustard 3.9 1.7 52.8 None 1.149 0.0 and Cargrass 0.0 0.0 NA 3.16 0.0 0.0 anses Barberry 0.0 0.0 NA 3.16 0.0 iatic Elitersw eet 2.0 1.7 52.2 Control - Treat 1.6 0.0 anda Thiste 0.0 0.0 NA 3.16 0.0 0.0 anda Thiste 0.0 0.0 NA 3.16 0.0 0.0 anda Thiste 0.0 0.0 NA 3.16 0.0 0.0 uada Thiste 0.0 0.0 0.0 NA <td< td=""><td>mmon Name Infestation Acres Acres Treatment Preserve Acres Treatment Preserve Acres LOE Builtimate Category: Category:<td>Infestation Percent of Arces Freament Present LOE Recommendation Category 1: Filimate Category 1: Category 1: Trace Category 1: Category 1: Category 1: Category 2: Trace Category 1: Category 1: Category 2: Category 2: Catetgory 2: Category 2: Catetgory 2: Category 2: Cate</td><td>Infestation Percent of Preserve Acrea Acrea mmon Name Percent Infestation Percent Present Treatment Recommendation LOE (hours) Category 6: Tread Category 2: Category 2: Categor</td><td>Infestation mon Name Percent Acres Acr</td></br></br></td></td<></br></br></td></td></t<>	Infestation Total Acres of Present Treatment Present LOE Estimate Category 0: (Hours) annese Maple 0.0 0.0 0.0 N/A 3.16 way Maple 0.0 0.0 0.0 N/A 3.16 way Maple 0.0 0.0 0.0 N/A 3.16 e-of-Heaven 0.0 0.0 0.0 N/A 3.16 icito Mustard 3.9 1.7 55.8 None 1.49 mmon Mgwort 0.0 0.0 0.0 N/A 3.16 ansese Barberry 0.0 1.0 31.3 None 2.17 row-leaved Bittercress 0.0 0.0 N/A 3.16 anda Thiste 0.0 0.0 </td <td>Protect Preserve Area Treatment anses Maple LOE bit mates Category: 0% Category: Trace anses Maple 0.0 0.0 0.0 NA 3.16 0.0 e-d-Heaven 0.0 0.0 NA 3.16 0.0 e-d-Heaven 0.0 0.0 NA 3.16 0.0 icit Mustard 3.9 1.7 52.8 None 1.149 0.0 and Cargrass 0.0 0.0 NA 3.16 0.0 0.0 anses Barberry 0.0 0.0 NA 3.16 0.0 iatic Elitersw eet 2.0 1.7 52.2 Control - Treat 1.6 0.0 anda Thiste 0.0 0.0 NA 3.16 0.0 0.0 anda Thiste 0.0 0.0 NA 3.16 0.0 0.0 anda Thiste 0.0 0.0 NA 3.16 0.0 0.0 uada Thiste 0.0 0.0 0.0 NA <td< td=""><td>mmon Name Infestation Acres Acres Treatment Preserve Acres Treatment Preserve Acres LOE Builtimate Category: Category:<td>Infestation Percent of Arces Freament Present LOE Recommendation Category 1: Filimate Category 1: Category 1: Trace Category 1: Category 1: Category 1: Category 2: Trace Category 1: Category 1: Category 2: Category 2: Catetgory 2: Category 2: Catetgory 2: Category 2: Cate</td><td>Infestation Percent of Preserve Acrea Acrea mmon Name Percent Infestation Percent Present Treatment Recommendation LOE (hours) Category 6: Tread Category 2: Category 2: Categor</td><td>Infestation mon Name Percent Acres Acr</td></br></br></td></td<></br></br></td>	Protect Preserve Area Treatment anses Maple LOE bit mates Category: 	mmon Name Infestation Acres 	Infestation Percent of Arces Freament Present LOE Recommendation Category 1: Filimate Category 1: Category 1: Trace Category 1: Category 1: Category 1: Category 2: Trace Category 1: Category 1: Category 2: Category 2: Catetgory 2: Category 2: Catetgory 2: Category 2: Cate	Infestation Percent of Preserve Acrea Acrea mmon Name Percent Infestation Percent Present Treatment Recommendation LOE (hours) Category 6: Tread Category 2: Category 2: Categor	Infestation mon Name Percent Acres Acr	

Table 1. Invasive Plants – Species Abundance and Treatment Recommendations

¹ The Infestation Index Score combines the extent of acreage infested and the intensity of the infestation. It was derived by multiplying the cover class number by the number of acres within each cover class.

















