

Natural Area Preservation Annual Site Management Plan – Year 2001

Site Name: BIRD HILLS NATURE AREA

Management Unit	Management Objective	Management Strategy	Schedule	Priority
Oak-Hickory Forest – Units: J,K,R	Maintain open understory with diverse native ground flora. Minimize soil erosion.	• Prescribed burn.	Spring/Fall	1
		• Minimize invasive shrubs. Cut & treat shrubs with herbicide (Round-Up: 50%)	Summer-Fall	1
		• Reduce Norway maple population. Girdle or cut & treat trees with herbicide (Round-Up: 50%).	Summer-Fall	1
		• Keep free of garlic mustard and dame's rocket. Monitor and hand pull.	Spring	1
		• Maintain existing water bars and install more as needed.	Anytime	2
Beech-Maple Forest – Units: H,I,K,L,M	Maintain diverse native shrub and ground cover layers.	• Reduce invasive shrubs. Cut & treat shrubs with herbicide (Round-Up: 50%)	Summer-Fall	1
		• Reduce Norway maple population. Girdle, cut & treat with herbicide (Round-Up: 50%).	Summer-Fall	1
		• Keep free of garlic mustard and dame's rocket. Monitor and hand pull newly found plants	Spring	1
Forested Ravines – Units: F,G,I	Preserve high quality ravines and maintain diverse native ground flora.	• Reduce vinca minor. Use foliar spray of herbicide (Round-Up: 3%)	Feb-March	1
		• Eliminate garlic mustard and dame's rocket. Begin with highest quality areas first. Use foliar spray: (Round-Up: 3-5%) or torch or hand-pull.	Feb-March or Spring	1
		• Reduce invasive shrubs. Scatter brush. Cut & treat with herbicide (Round-Up: 50%)	Summer-Fall	1
Open Field – Units: A,B	Restore and maintain old prairie remnant with diverse array of	• Reduce invasive shrubs. Cut & treat with herbicide (Round-Up: 50%).	Summer-Fall	1

	native prairie species. Create sense of openness along trail for park users.	• Clear shrubs along trail. Cut & treat with herbicide (Round-Up: 50%)	Anytime	2
Disturbed Areas – Units: C,D,E,O,P	Control spread of woody invasives and garlic mustard.	• Prescribed burn (eastern half) • Cut & treat invasive shrubs with herbicide (Round-Up: 50%) • Reduce Norway maple population. Girdle, cut & treat with herbicide (Round-Up: 50%). • Reduce garlic mustard by pulling or brush blading. Can also apply a foliar spray of herbicide (Round-Up: 50%).	Spring/Fall	2
			Workday	2
			Summer-Fall	2
			Spring	2
	Minimize soil erosion	• Maintain water bars and trail liners. Install more as needed.	March-April	2
	Create sense of openness along trail for park users.	• Cut & treat invasive shrubs, adjacent to the trail, with herbicide (Round-Up: 50%)	Anytime	2
			Workday	2