

**APPENDIX A—CHECKLIST OF VASCULAR PLANTS
Observed in the Vicinity of Sheffield**

	COMMON NAME	ORIGIN
HORSETAILS		
HORSETAILS (Family Equisetaceae)		
<input type="checkbox"/> <i>Equisetum arvense</i>	field horsetail	N
<input type="checkbox"/> <i>Equisetum hyemale</i>	tall scouring-rush	N
FERNS		
ADDER’S-TONGUES (Family Ophioglossaceae)		
<input type="checkbox"/> <i>Botrychium multifidum</i>	leathery grape fern	N (E)
ROYAL FERNS (Family Osmundaceae)		
<input type="checkbox"/> <i>Osmunda regalis</i>	royal fern	N
HAY-SCENTED (Family Dennstaedtiaceae)		
<input type="checkbox"/> <i>Dennstaedtia punctilobula</i>	hay-scented fern	N
SPLEENWORTS (Family Aspleniaceae)		
<input type="checkbox"/> <i>Asplenium platyneuron</i>	ebony spleenwort	N
WOOD FERNS (Family Dryopteridaceae)		
<input type="checkbox"/> <i>Cystopteris fragilis</i>	brittle fern or fragile fern	N (X)
<input type="checkbox"/> <i>Cystopteris protrusa</i>	lowland fragile fern	N
<input type="checkbox"/> <i>Dryopteris marginalis</i>	leathery wood fern	N
<input type="checkbox"/> <i>Matteuccia struthiopteris</i>	ostrich fern	N
<input type="checkbox"/> <i>Onoclea sensibilis</i>	sensitive fern	N
<input type="checkbox"/> <i>Polystichum acrostichoides</i>	Christmas fern	N
GYNOSPERMS (GINKGOS & CONIFERS)		
GINKGOS (Family Ginkgoaceae)		
<input type="checkbox"/> <i>Ginkgo biloba</i>	ginkgo or maidenhair tree	C
PINES (Family Pinaceae)		
<input type="checkbox"/> <i>Picea glauca conica</i>	dwarf Alberta spruce	C
<input type="checkbox"/> <i>Picea pungens gluca</i>	blue spruce	C
<input type="checkbox"/> <i>Pinus nigra</i>	Austrian pine	C
<input type="checkbox"/> <i>Pinus strobus</i>	eastern white pine	N
<input type="checkbox"/> <i>Pseudotsuga menziesii</i>	Douglas fir	C
<input type="checkbox"/> <i>Tsuga canadensis</i>	eastern hemlock	N
CYPRESSES (Family Cupressaceae)		
<input type="checkbox"/> <i>Juniperus virginiana</i>	eastern red-cedar	N
<input type="checkbox"/> <i>Thuja occidentalis</i>	arbor vitae	N
YEWS (Family Taxaceae)		
<input type="checkbox"/> <i>Taxus canadensis</i>	Canada yew	N
ANGIOSPERMS (FLOWERING PLANTS) DICOTYLEDONS (CLASS MAGNOLIOPSIDA)		
MAGNOLIAS (Family Magnoliaceae)		
<input type="checkbox"/> <i>Liriodendron tulipifera</i>	tulip-tree or tulip-poplar	N
<input type="checkbox"/> <i>Magnolia acuminata</i>	cucumber-tree	N
<input type="checkbox"/> <i>Magnolia x soulangiana</i> [hybrid cultivar]	“Ricki” magnolia	C

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
CUSTARD-APPLES (Family Annonaceae)		
<input type="checkbox"/> <i>Asimina triloba</i>	papaw	N
LAURELS (Family Lauraceae)		
<input type="checkbox"/> <i>Lindera benzoin</i>	spicebush or spicewood	N
<input type="checkbox"/> <i>Sassafras albidum</i>	sassafras	N
LIZARD'S TAILS (Family Saururaceae)		
<input type="checkbox"/> <i>Saururus cernuus</i>	lizard's-tail	N
BIRTHWORTS (Family Aristolochiaceae)		
<input type="checkbox"/> <i>Asarum canadense</i>	wild ginger	N
WATER-LILIES (Family Nymphaeaceae)		
<input type="checkbox"/> <i>Nuphar advena</i>	yellow water-lily	N
<input type="checkbox"/> <i>Nymphaea odorata</i>	white water-lily	N
BUTTERCUPS (Family Ranunculaceae)		
<input type="checkbox"/> <i>Actaea pachypoda</i>	white baneberry	N
<input type="checkbox"/> <i>Anemone quinquefolia</i>	wood anemone	N
<input type="checkbox"/> <i>Aquilegia canadensis</i>	wild columbine	N
<input type="checkbox"/> <i>Clematis virginiana</i>	virgin's-bower	N
<input type="checkbox"/> <i>Hepatica acutiloba</i>	sharp-lobed hepatica	N
<input type="checkbox"/> <i>Hydrastis canadensis</i>	goldenseal	N
<input type="checkbox"/> <i>Isopyrum biternatum</i>	false rue-anemone	N
<input type="checkbox"/> <i>Ranunculus abortivus</i>	kidney-leaved buttercup	N
<input type="checkbox"/> <i>Ranunculus acris</i>	tall buttercup	A
<input type="checkbox"/> <i>Ranunculus hispidus</i> var. <i>caricetorum</i>	northern swamp buttercup	N
<input type="checkbox"/> <i>Ranunculus recurvatus</i>	hooked crowfoot	N
<input type="checkbox"/> <i>Ranunculus sceleratus</i>	cursed crowfoot	N
<input type="checkbox"/> <i>Thalictrum dasycarpum</i>	purple meadow-rue	N
<input type="checkbox"/> <i>Thalictrum dioicum</i>	early meadow-rue	N
<input type="checkbox"/> <i>Thalictrum thalictroides</i>	rue anemone	N
BARBERRIES (Family Berberidaceae)		
<input type="checkbox"/> <i>Berberis thunbergii</i>	Japanese barberry	C
<input type="checkbox"/> <i>Berberis vulgaris</i>	common barberry	N
<input type="checkbox"/> <i>Caulophyllum thalictroides</i> var. <i>giganteum</i>	giant blue cohosh	N
<input type="checkbox"/> <i>Podophyllum peltatum</i>	mayapple or mandrake	N
MOONSEEDS (Family Menispermaceae)		
<input type="checkbox"/> <i>Menispermum canadense</i>	moonseed	N
POPIES (Family Papaveraceae)		
<input type="checkbox"/> <i>Chelidonium majus</i>	celandine poppy	N
<input type="checkbox"/> <i>Papaver argemone</i>	red poppy	C
<input type="checkbox"/> <i>Sanguinaria canadensis</i>	bloodroot	N
FUMITORIES (Family Fumariaceae)		
<input type="checkbox"/> <i>Dicentra canadensis</i>	squirrel-corn	N
<input type="checkbox"/> <i>Dicentra cucullaria</i>	Dutchman's breeches	N
PLANE-TREES (Family Platanaceae)		
<input type="checkbox"/> <i>Platanus occidentalis</i>	sycamore	N
<input type="checkbox"/> <i>Platanus orientalis</i>	London plane-tree	C
WITCH-HAZELS (Family Hamamelidaceae)		
<input type="checkbox"/> <i>Hamamelis virginiana</i>	witch-hazel	N
<input type="checkbox"/> <i>Liquidambar styraciflua</i>	sweet gum	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
ELMS (Family Ulmaceae)		
<input type="checkbox"/> <i>Celtis occidentalis</i>	hackberry	N
<input type="checkbox"/> <i>Ulmus americana</i>	American elm	N
<input type="checkbox"/> <i>Ulmus pumila</i>	Siberian elm or Chinese elm	C
<input type="checkbox"/> <i>Ulmus rubra</i>	slippery elm or red elm	N
HEMPS (Family Cannanaceae)		
<input type="checkbox"/> <i>Humulus lupulus</i>	common hops	N
MULBERRIES (Family Moraceae)		
<input type="checkbox"/> <i>Maclura pomifera</i>	osage-orange	C
<input type="checkbox"/> <i>Morus alba</i>	white mulberry	C
<input type="checkbox"/> <i>Morus rubra</i>	red mulberry	N
NETTLES (Family Urticaceae)		
<input type="checkbox"/> <i>Boehmeria cylindrica</i>	false nettle or bog hemp	N
<input type="checkbox"/> <i>Laportea canadensis</i>	wood-nettle	N
<input type="checkbox"/> <i>Pilea pumila</i>	common clearweed	N
<input type="checkbox"/> <i>Urtica dioica</i>	stinging nettle	N
WALNUTS (Family Juglandaceae)		
<input type="checkbox"/> <i>Carya cordiformis</i>	bitternut hickory	N
<input type="checkbox"/> <i>Carya glabra</i>	pignut hickory	N
<input type="checkbox"/> <i>Carya ovata</i>	shagbark hickory	N
<input type="checkbox"/> <i>Juglans cinerea</i>	butternut or white walnut	N
<input type="checkbox"/> <i>Juglans nigra</i>	black walnut	N
BEECHES (Family Fagaceae)		
<input type="checkbox"/> <i>Castanea dentata</i>	American chestnut	N
<input type="checkbox"/> <i>Fagus grandifolia</i>	American beech	N
<input type="checkbox"/> <i>Quercus alba</i>	white oak	N
<input type="checkbox"/> <i>Quercus bicolor</i>	swamp white oak	N
<input type="checkbox"/> <i>Quercus coccinea</i>	scarlet oak	N
<input type="checkbox"/> <i>Quercus macrocarpa</i>	bur oak	N
<input type="checkbox"/> <i>Quercus muehlenbergii</i>	chinquapin oak	N
<input type="checkbox"/> <i>Quercus palustris</i>	pin oak	N
<input type="checkbox"/> <i>Quercus rubra</i>	northern red oak	N
<input type="checkbox"/> <i>Quercus velutina</i>	black oak	N
BIRCHES (Family Betulaceae)		
<input type="checkbox"/> <i>Alnus glutinosa</i>	black alder	A
<input type="checkbox"/> <i>Betula alleghaniensis</i>	yellow birch	N
<input type="checkbox"/> <i>Betula nigra</i>	river birch or red birch	N
<input type="checkbox"/> <i>Carpinus caroliniana</i>	American hornbeam	N
<input type="checkbox"/> <i>Corylus americana</i>	American hazel	N
<input type="checkbox"/> <i>Ostrya virginiana</i>	hop-hornbeam or ironwood	N
POKEWEEDS (Family Phytolaccaceae)		
<input type="checkbox"/> <i>Phytolacca americana</i>	pokeweed or pokeberry	N
CACTI (Family Cactaceae)		
<input type="checkbox"/> <i>Schlumbergera bridgesii</i>	Christmas cactus	C
GOOSEFOOTS (Family Chenopodiaceae)		
<input type="checkbox"/> <i>Atriplex patula</i>	spear-scale orache	A
<input type="checkbox"/> <i>Chenopodium album</i>	lamb's-quarters	A
<input type="checkbox"/> <i>Chenopodium berlandieri</i>	pigweed	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
AMARANTHS (Family Amaranthaceae)		
<input type="checkbox"/> <i>Amaranthus blitoides</i>	tumbleweed	A
PURSLANES (Family Portulacaceae)		
<input type="checkbox"/> <i>Claytonia virginica</i>	spring-beauty	N
<input type="checkbox"/> <i>Portulaca oleracea</i>	common purslane	A
PINKS (Family Caryophyllaceae)		
<input type="checkbox"/> <i>Arenaria serpyllifolia</i>	thyme-leaved sandwort	A
<input type="checkbox"/> <i>Cerastium fontanum</i>	mouse-ear chickweed	A
<input type="checkbox"/> <i>Dianthus armeria</i>	Deptford pink	C
<input type="checkbox"/> <i>Myosoton aquaticum</i>	water chickweed	A
<input type="checkbox"/> <i>Paronychia fastigiata</i>	stiff forked-chickweed	N
<input type="checkbox"/> <i>Saponaria officinalis</i>	soapwort or bouncing bet	A
<input type="checkbox"/> <i>Stellaria graminea</i>	common stitchwort	A
<input type="checkbox"/> <i>Stellaria media</i>	chickweed	A
SMARTWEEDS (Family Polygonaceae)		
<input type="checkbox"/> <i>Polygonum arifolium</i>	halberd-leaved tear-thumb	N
<input type="checkbox"/> <i>Polygonum aviculare</i>	common knotweed	A
<input type="checkbox"/> <i>Polygonum cespitosum</i>	long-bristled smartweed	A
<input type="checkbox"/> <i>Polygonum cuspidatum</i>	Japanese knotweed or Mexican-bamboo	A
<input type="checkbox"/> <i>Polygonum hydropiperoides</i>	mild water-pepper	N
<input type="checkbox"/> <i>Polygonum pennsylvanicum</i>	pinkweed	N
<input type="checkbox"/> <i>Polygonum persicaria</i>	lady's-thumb	A
<input type="checkbox"/> <i>Polygonum punctatum</i>	water or dotted smartweed	N
<input type="checkbox"/> <i>Polygonum sagittatum</i>	arrow-leaved tear-thumb	N
<input type="checkbox"/> <i>Polygonum sandens</i>	hedge smartweed	N
<input type="checkbox"/> <i>Polygonum virginianum</i>	jumpseed	N
<input type="checkbox"/> <i>Rumex acetosella</i>	sheep sorrel	A
<input type="checkbox"/> <i>Rumex crispus</i>	curly dock	A
<input type="checkbox"/> <i>Rumex obtusifolius</i>	bitter dock	A
<input type="checkbox"/> <i>Rumex orbiculatus</i>	great water dock	N
<input type="checkbox"/> <i>Rumex verticillatus</i>	water dock or swamp dock	N
ST. JOHN'S-WORTS (Family Clusiaceae)		
<input type="checkbox"/> <i>Hypericum mutilum</i>	small-flower St. John's-wort	N
<input type="checkbox"/> <i>Hypericum perforatum</i>	common St. John's-wort	A
<input type="checkbox"/> <i>Hypericum punctatum</i>	spotted St. John's-wort	N
LINDENS (Family Tiliaceae)		
<input type="checkbox"/> <i>Tilia americana</i>	basswood or lynn	N
MALLOWS (Family Malvaceae)		
<input type="checkbox"/> <i>Abutilon theophrasti</i>	velvet-leaf	A
<input type="checkbox"/> <i>Hibiscus moscheutos</i>	swamp rose-mallow	N
<input type="checkbox"/> <i>Hibiscus syriacus</i>	rose-of-sharon	C
<input type="checkbox"/> <i>Hibiscus trionum</i>	flower-of-an-hour	A
<input type="checkbox"/> <i>Malva moschata</i>	musk mallow	A
<input type="checkbox"/> <i>Malva neglecta</i>	common mallow or cheeses	C
<input type="checkbox"/> <i>Sida spinosa</i>	prickly sida	A
VIOLETS (Family Violaceae)		
<input type="checkbox"/> <i>Viola sororia</i>	common blue violet	N
<input type="checkbox"/> <i>Viola striata</i>	common white violet	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
CUCUMBERS & GOURDS (Family Cucurbitaceae)		
<input type="checkbox"/> <i>Echinocystis lobata</i>	wild cucumber	N
<input type="checkbox"/> <i>Sicyos angulatus</i>	bur-cucumber	N
WILLOWS (Family Salicaceae)		
<input type="checkbox"/> <i>Populus balsamifera</i>	balsam poplar	N (E)
<input type="checkbox"/> <i>Populus deltoides</i>	cottonwood	N
<input type="checkbox"/> <i>Populus grandidentata</i>	bigtooth aspen	N
<input type="checkbox"/> <i>Populus heterophylla</i>	swamp cottonwood	N
<input type="checkbox"/> <i>Salix alba</i>	white willow	A
<input type="checkbox"/> <i>Salix babylonica</i>	weeping willow	C
<input type="checkbox"/> <i>Salix discolor</i>	pussy willow	N
<input type="checkbox"/> <i>Salix eriocephala</i>	heart-leaved willow	N
<input type="checkbox"/> <i>Salix interior</i>	sandbar willow	N
<input type="checkbox"/> <i>Salix lucida</i>	shining willow	N
<input type="checkbox"/> <i>Salix nigra</i>	black willow	N
MUSTARDS (Family Brassicaceae) [= Cruciferae]		
<input type="checkbox"/> <i>Alliaria petiolata</i>	garlic mustard	A
<input type="checkbox"/> <i>Arabidopsis thaliana</i>	mouse-ear cress	A
<input type="checkbox"/> <i>Arabis glabra</i>	tower mustard	N
<input type="checkbox"/> <i>Arabis laevigata</i>	smooth rock cress	N
<input type="checkbox"/> <i>Barbarea vulgaris</i>	yellow rocket	A
<input type="checkbox"/> <i>Brassica nigra</i>	black mustard	A
<input type="checkbox"/> <i>Brassica rapa</i>	field mustard or turnip	A
<input type="checkbox"/> <i>Capsella bursa-pastoris</i>	shepherd's-purse	A
<input type="checkbox"/> <i>Cardamine bulbosa</i>	spring cress	N
<input type="checkbox"/> <i>Cardamine concatenata</i>	cut-leaved toothwort	N
<input type="checkbox"/> <i>Cardamine diphylla</i>	two-leaved toothwort	N
<input type="checkbox"/> <i>Cardamine hirsute</i>	hoary bitter cress	A
<input type="checkbox"/> <i>Cardamine pensylvanica</i>	Pennsylvania bitter cress	N
<input type="checkbox"/> <i>Hesperis matronalis</i>	dame's rocket	A
<input type="checkbox"/> <i>Lepidium campestre</i>	field pepper-grass	N
<input type="checkbox"/> <i>Lepidium virginicum</i>	poor-man's-pepper	N
<input type="checkbox"/> <i>Raphanus raphanistrum</i>	wild radish	A
<input type="checkbox"/> <i>Rorippa nasturtium-aquaticum</i>	watercress	A
<input type="checkbox"/> <i>Rorippa palustris</i>	common yellow-cress	N
<input type="checkbox"/> <i>Thlaspi ravense</i>	field penny cress	A
HEATHS (Family Ericaceae)		
<input type="checkbox"/> <i>Gaylussacia baccata</i>	huckleberry	N
<input type="checkbox"/> <i>Rhododendron maximum</i>	giant rhododendron	C
<input type="checkbox"/> <i>Rhododendron nudiflorum</i>	azalea	C
<input type="checkbox"/> <i>Vaccinium corymbosum</i>	swamp blueberry	N
<input type="checkbox"/> <i>Vaccinium macrocarpon</i>	large cranberry	N
INDIAN PIPES (Family Monotropaceae)		
<input type="checkbox"/> <i>Monotropa uniflora</i>	Indian pipe	N
PRIMROSES (Family Primulaceae)		
<input type="checkbox"/> <i>Lysimachia ciliata</i>	fringed loosestrife	N
<input type="checkbox"/> <i>Lysimachia nummularia</i>	moneywort	A
<input type="checkbox"/> <i>Lysimachia quadrifolia</i>	whorled loosestrife	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
HYDRANGEAS (Family Hydrangeaceae)		
<input type="checkbox"/> <i>Philadelphus coronarius</i>	mock orange	C
CURRANTS (Family Grossulariaceae)		
<input type="checkbox"/> <i>Ribes odoratum</i>	buffalo currant	C
STONECROPS (Family Crassulaceae)		
<input type="checkbox"/> <i>Sedum ternatum</i>	wild stonecrop	N
SAXIFRAGES (Family Saxifragaceae)		
<input type="checkbox"/> <i>Heuchera americana</i>	common alum-root	N
<input type="checkbox"/> <i>Mitella diphylla</i>	bishop's-cap or miterwort	N
<input type="checkbox"/> <i>Penthorum sedoides</i>	ditch-stonecrop	N
<input type="checkbox"/> <i>Tiarella cordifolia</i>	foamflower	N
ROSES (Family Rosaceae)		
<input type="checkbox"/> <i>Agrimonia gryposepala</i>	common or hairy agrimony	N
<input type="checkbox"/> <i>Agrimonia parviflora</i>	southern agrimony	N
<input type="checkbox"/> <i>Amelanchier arborea</i>	downy serviceberry	N
<input type="checkbox"/> <i>Chaenomeles speciosa</i>	flowering-quince	C
<input type="checkbox"/> <i>Crataegus coccinea</i>	scarlet hawthorn or redhaw	N
<input type="checkbox"/> <i>Crataegus crus-galli</i>	cockspur or cockspur thorn	N
<input type="checkbox"/> <i>Crataegus pruinosa</i>	waxy-fruited hawthorn	N
<input type="checkbox"/> <i>Fragaria vesca</i>	woodland strawberry	N
<input type="checkbox"/> <i>Fragaria virginiana</i>	Virginia strawberry	N
<input type="checkbox"/> <i>Geum canadense</i>	white avens	N
<input type="checkbox"/> <i>Geum laciniatum</i>	rough avens or hairy avens	N
<input type="checkbox"/> <i>Malus coronaria</i>	wild or sweet crabapple	N
<input type="checkbox"/> <i>Malus pumila</i>	common apple	C
<input type="checkbox"/> <i>Photinia floribunda</i>	purple chokecherry	N
<input type="checkbox"/> <i>Potentilla fruticosa</i>	shrubby cinquefoil	C
<input type="checkbox"/> <i>Potentilla norvegica</i>	rough cinquefoil	N
<input type="checkbox"/> <i>Potentilla recta</i>	sulphur cinquefoil	A
<input type="checkbox"/> <i>Potentilla simplex</i>	old-field cinquefoil	N
<input type="checkbox"/> <i>Prunus americana</i>	wild plum	N
<input type="checkbox"/> <i>Prunus armeniaca</i>	apricot	C
<input type="checkbox"/> <i>Prunus avium</i>	sweet cherry	A
<input type="checkbox"/> <i>Prunus cerasifera</i>	cherry plum	C
<input type="checkbox"/> <i>Prunus pensylvanica</i>	pin cherry or fire cherry	N
<input type="checkbox"/> <i>Prunus persica</i>	peach	C
<input type="checkbox"/> <i>Prunus pumila</i>	Great Lakes sand cherry	N (X)
<input type="checkbox"/> <i>Prunus serotina</i>	wild black cherry	N
<input type="checkbox"/> <i>Prunus virginiana</i>	choke cherry	N
<input type="checkbox"/> <i>Pyrus calleryana</i>	Callery pear or Bradford pear	C
<input type="checkbox"/> <i>Pyrus communis</i>	pear	C
<input type="checkbox"/> <i>Rosa canina</i>	dog rose	A
<input type="checkbox"/> <i>Rosa carolina</i>	pasture rose	N
<input type="checkbox"/> <i>Rosa multiflora</i>	multiflora rose	A
<input type="checkbox"/> <i>Rosa palustris</i>	swamp rose	N
<input type="checkbox"/> <i>Rosa setigera</i>	climbing prairie rose	N
<input type="checkbox"/> <i>Rosa spinosissima</i>	Scotch rose	C
<input type="checkbox"/> <i>Rubus allegheniensis</i>	common or wild blackberry	N
<input type="checkbox"/> <i>Rubus flagellaris</i>	northern dewberry	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
<input type="checkbox"/> <i>Rubus occidentalis</i>	black raspberry	N
<input type="checkbox"/> <i>Rubus odoratus</i>	flowering raspberry	N
<input type="checkbox"/> <i>Sorbus aucuparia</i>	European mountain-ash	C
<input type="checkbox"/> <i>Spiraea x vanhouttei</i>	bridal-wreath	C
<input type="checkbox"/> <i>Waldsreinia fragarioides</i>	barren-strawberry	N
CAESALPINIAS (Family Caesalpiniaceae)		
<input type="checkbox"/> <i>Cercis canadensis</i>	redbud	N
<input type="checkbox"/> <i>Gleditsia tricanthos</i>	honey-locust	N
<input type="checkbox"/> <i>Gymnocladus dioica</i>	Kentucky coffee-tree	N
PEAS (Family Fabaceae) [= Leguminosae]		
<input type="checkbox"/> <i>Apios americana</i>	groundnut or wild bean	N
<input type="checkbox"/> <i>Astragalus neglectus</i>	Cooper's milk-vetch	N (E)
<input type="checkbox"/> <i>Baptisia tinctoria</i>	false indigo or wild indigo	N
<input type="checkbox"/> <i>Desmodium nudiflorum</i>	naked tick-trefoil	N
<input type="checkbox"/> <i>Desmodium paniculatum</i>	panicled tick-trefoil	N
<input type="checkbox"/> <i>Lathyrus latifolius</i>	perennial pea	A
<input type="checkbox"/> <i>Lotus corniculatus</i>	birdfoot-trefoil	A
<input type="checkbox"/> <i>Medicago lupulina</i>	black medick	A
<input type="checkbox"/> <i>Melilotus albus</i>	white sweet-clover	A
<input type="checkbox"/> <i>Melilotus officinalis</i>	yellow sweet-clover	A
<input type="checkbox"/> <i>Robinia pseudoacacia</i>	black locust	N
<input type="checkbox"/> <i>Trifolium hybridum</i>	alsike clover	A
<input type="checkbox"/> <i>Trifolium pratense</i>	red clover	A
<input type="checkbox"/> <i>Trifolium repens</i>	white clover	A
<input type="checkbox"/> <i>Vicia tetrasperma</i>	sparrow vetch	A
<input type="checkbox"/> <i>Vicia villosa</i>	hairy vetch	A
<input type="checkbox"/> <i>Wisteria floribunda</i>	wisteria	C
OLEASTERS (Family Elaeagnaceae)		
<input type="checkbox"/> <i>Shepherdia canadensis</i>	buffalo-berry	N (E)
LOOSESTRIFES (Family Lythraceae)		
<input type="checkbox"/> <i>Lythrum alatum</i>	wing-angled loosestrife	N
<input type="checkbox"/> <i>Lythrum salicaria</i>	purple loosestrife	A
EVENING-PRIMROSES (Family Onagraceae)		
<input type="checkbox"/> <i>Circaea lutetiana</i>	enchanter's nightshade	N
<input type="checkbox"/> <i>Epilobium angustifolium</i>	fireweed	N
<input type="checkbox"/> <i>Epilobium coloratum</i>	purple-leaved willow-herb	N
<input type="checkbox"/> <i>Ludwigia alternifolia</i>	seedbox	N
<input type="checkbox"/> <i>Ludwigia palustris</i>	water-purslane	N
<input type="checkbox"/> <i>Oenothera biennis</i>	common evening-primrose	N
<input type="checkbox"/> <i>Oenothera laciniata</i>	cut-leaved evening-primrose	N
DOGWOODS (Family Cornaceae)		
<input type="checkbox"/> <i>Cornus amomum</i>	silky dogwood	N
<input type="checkbox"/> <i>Cornus drummondii</i>	rough-leaved dogwood	N
<input type="checkbox"/> <i>Cornus florida</i>	flowering dogwood	N
<input type="checkbox"/> <i>Cornus racemosa</i>	gray dogwood	N
<input type="checkbox"/> <i>Cornus rugosa</i>	round-leaved dogwood	N (E)
<input type="checkbox"/> <i>Cornus stolonifera</i>	red osier dogwood	N
<input type="checkbox"/> <i>Nyssa sylvatica</i>	sour-gum or tupelo	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
BITTERSWEETS (Family Celastraceae)		
<input type="checkbox"/> <i>Celastrus orbiculatus</i>	Oriental bittersweet	A
<input type="checkbox"/> <i>Celastrus scandens</i>	American bittersweet	N
<input type="checkbox"/> <i>Euonymus alatus</i>	winged wahoo	A
<input type="checkbox"/> <i>Euonymus atropurpureus</i>	wahoo or burning-bush	N
<input type="checkbox"/> <i>Euonymus fortunei</i>	wintercreeper	A
HOLLIES (Family Aquifoliaceae)		
<input type="checkbox"/> <i>Ilex aquiflorum</i>	English holly	C
<input type="checkbox"/> <i>Ilex verticillata</i>	winterberry	N
SPURGES (Family Euphorbiaceae)		
<input type="checkbox"/> <i>Acalypha virginica</i>	three-seeded mercury	N
<input type="checkbox"/> <i>Euphorbia cyparissias</i>	cypress spurge	A
<input type="checkbox"/> <i>Euphorbia maculata</i>	prostrate spurge	N
BUCKTHORNS (Family Rhamnaceae)		
<input type="checkbox"/> <i>Rhamnus frangula</i>	glossy buckthorn	A
GRAPES (Family Vitaceae)		
<input type="checkbox"/> <i>Parthenocissus quinquefolia</i>	Virginia creeper	N
<input type="checkbox"/> <i>Vitis aestivalis</i>	summer grape	N
<input type="checkbox"/> <i>Vitis labrusca</i>	fox grape	N
<input type="checkbox"/> <i>Vitis riparia</i>	riverbank grape	N
<input type="checkbox"/> <i>Vitis vulpina</i>	frost grape	N
FLAXES (Family Linaceae)		
<input type="checkbox"/> <i>Linum medium</i>	stiff yellow flax	N
BLADDERNUTS (Family Staphyleaceae)		
<input type="checkbox"/> <i>Staphylea trifolia</i>	bladdernut	N
HORSE-CHESTNUTS (Family Hippocastanaceae)		
<input type="checkbox"/> <i>Aesculus glabra</i>	Ohio buckeye	N
<input type="checkbox"/> <i>Aesculus hippocastanum</i>	horse-chestnut	C
MAPLES (Family Aceraceae)		
<input type="checkbox"/> <i>Acer miyabei</i>	miyabei maple	C
<input type="checkbox"/> <i>Acer negundo</i>	box-elder	N
<input type="checkbox"/> <i>Acer palmatum</i>	Japanese maple	C
<input type="checkbox"/> <i>Acer rubrum</i>	red maple	N
<input type="checkbox"/> <i>Acer saccharinum</i>	silver maple	N
<input type="checkbox"/> <i>Acer saccharum</i>	sugar maple	N
SUMACS & CASHEWS (Family Anacardiaceae)		
<input type="checkbox"/> <i>Rhus glabra</i>	smooth sumac	N
<input type="checkbox"/> <i>Rhus typhina</i>	staghorn sumac	N
<input type="checkbox"/> <i>Toxicodendron radicans</i>	poison ivy	N
QUASSIAS (Family Simaroubaceae)		
<input type="checkbox"/> <i>Ailanthus altissima</i>	tree-of-heaven	A
RUES (Family Rutaceae)		
<input type="checkbox"/> <i>Zanthoxylum americanum</i>	prickly-ash	N
WOOD-SORRELS (Family Oxalidaceae)		
<input type="checkbox"/> <i>Oxalis stricta</i>	common yellow wood-sorrel	N
GERANIUMS (Family Geraniaceae)		
<input type="checkbox"/> <i>Erodium cicutarium</i>	alfilaria	C
<input type="checkbox"/> <i>Geranium carolinianum</i>	Carolina crane's-bill	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
<input type="checkbox"/> <i>Geranium maculatum</i>	wild geranium	N
<input type="checkbox"/> <i>Geranium robertianum</i>	herb Robert	N
MEADOW-FORMS (Family Limnanthaceae)		
<input type="checkbox"/> <i>Floerkea proserpinacoides</i>	false mermaid	N
TOUCH-ME-NOTS (Family Balsaminaceae)		
<input type="checkbox"/> <i>Impatiens capensis</i>	spotted touch-me-not	N
<input type="checkbox"/> <i>Impatiens pallida</i>	pale touch-me-not	N
GINSENGS (Family Araliaceae)		
<input type="checkbox"/> <i>Aralia nudicaulis</i>	wild sarsaparilla	N
<input type="checkbox"/> <i>Aralia racemosa</i>	spikenard	N
<input type="checkbox"/> <i>Hedera helix</i>	English ivy	C
<input type="checkbox"/> <i>Panax quinquefolius</i>	American ginseng	N
CARROTS (Family Apiaceae) [= Umbelliferae]		
<input type="checkbox"/> <i>Chaerophyllum procumbens</i>	spreading chervil	N
<input type="checkbox"/> <i>Cicuta maculata</i>	water-hemlock	N
<input type="checkbox"/> <i>Conium maculatum</i>	poison-hemlock	A
<input type="checkbox"/> <i>Cryptotaenia canadensis</i>	honewort	N
<input type="checkbox"/> <i>Daucus carota</i>	wild carrot or Queen Anne's lace	A
<input type="checkbox"/> <i>Heracleum maximum</i>	cow-parsnip or masterwort	N
<input type="checkbox"/> <i>Osmorhiza claytonii</i>	woolly sweet cicely	N
<input type="checkbox"/> <i>Osmorhiza longistylis</i>	smooth sweet cicely	N
<input type="checkbox"/> <i>Sanicula gregaria</i>	black snakeroot	N
<input type="checkbox"/> <i>Taenidia integerrima</i>	yellow-pimpernel	N
<input type="checkbox"/> <i>Thaspium trifoliatum</i>	purple meadow-parsnip	N
<input type="checkbox"/> <i>Zizia aurea</i>	golden alexanders	N
GENTIANS (Family Gentianaceae)		
<input type="checkbox"/> <i>Gentiana andrewsii</i>	bottle gentian	N
DOGBANES (Family Apocynaceae)		
<input type="checkbox"/> <i>Apocynum cannabinum</i>	Indian-hemp	N
<input type="checkbox"/> <i>Vinca minor</i>	periwinkle or myrtle	A
MILKWEEDS (Family Asclepiadaceae)		
<input type="checkbox"/> <i>Asclepias incarnata</i>	swamp milkweed	N
<input type="checkbox"/> <i>Asclepias syriaca</i>	common milkweed	N
NIGHTSHADES (Family Solanaceae)		
<input type="checkbox"/> <i>Datura stramonium</i>	jimsonweed	A
<input type="checkbox"/> <i>Physalis heterophylla</i>	tomatillo or ground-cherry	N
<input type="checkbox"/> <i>Physalis philadelphica</i>	clammy ground-cherry	C
<input type="checkbox"/> <i>Solanum carolinense</i>	horse-nettle	N
<input type="checkbox"/> <i>Solanum dulcamara</i>	bittersweet nightshade	A
<input type="checkbox"/> <i>Solanum nigrum</i>	black nightshade	N
MORNING-GLORIES (Family Convolvulaceae)		
<input type="checkbox"/> <i>Calystegia sepium</i>	hedge bindweed	N
<input type="checkbox"/> <i>Convolvulus arvensis</i>	common or field bindweed	A
<input type="checkbox"/> <i>Ipomoea purpurea</i>	common morning-glory	A
DODDERS (Family Cuscutaceae)		
<input type="checkbox"/> <i>Cuscuta gronovii</i>	common dodder	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
PHLOXES (Family Polemoniaceae)		
<input type="checkbox"/> <i>Phlox divaricata</i>	blue phlox	N
<input type="checkbox"/> <i>Phlox paniculata</i>	garden phlox	N
WATERLEAFS (Family Hydrophyllaceae)		
<input type="checkbox"/> <i>Hydrophyllum appendiculatum</i>	great waterleaf	N
<input type="checkbox"/> <i>Hydrophyllum canadense</i>	broad-leaved waterleaf	N
<input type="checkbox"/> <i>Hydrophyllum virginianum</i>	Virginia waterleaf	N
BORAGES (Family Boraginaceae)		
<input type="checkbox"/> <i>Echium vulgare</i>	blueweed	A
<input type="checkbox"/> <i>Hackelia virginiana</i>	common stickseed	N
<input type="checkbox"/> <i>Mertensia virginica</i>	Virginia bluebells	N
<input type="checkbox"/> <i>Myosotis scorpioides</i>	true forget-me-not	A
VERBENAS (Family Verbenaceae)		
<input type="checkbox"/> <i>Verbena hastata</i>	blue vervain	N
<input type="checkbox"/> <i>Verbena urticifolia</i>	white vervain	N
MINTS (Family Lamiaceae) [= Labiatae]		
<input type="checkbox"/> <i>Agastache nepetoides</i>	yellow giant-hyssop	N
<input type="checkbox"/> <i>Ajuga reptans</i>	creeping bugleweed	A
<input type="checkbox"/> <i>Blephilia ciliata</i>	downy woodmint	N
<input type="checkbox"/> <i>Glechoma hederacea</i>	ground ivy	C
<input type="checkbox"/> <i>Lamium amplexicaule</i>	henbit or red henbit	A
<input type="checkbox"/> <i>Lamium purpureum</i>	purple dead-nettle	A
<input type="checkbox"/> <i>Leonurus cardiaca</i>	common mother-wort	A
<input type="checkbox"/> <i>Lycopus americanus</i>	cut-leaved water-horehound	N
<input type="checkbox"/> <i>Lycopus virginicus</i>	Virginia water-horehound	N
<input type="checkbox"/> <i>Melissa officinalis</i>	common balm	A
<input type="checkbox"/> <i>Mentha arvensis</i>	field mint or common mint	N
<input type="checkbox"/> <i>Monarda fistulosa</i>	wild bergamot	N
<input type="checkbox"/> <i>Nepeta cataria</i>	catnip	A
<input type="checkbox"/> <i>Prunella vulgaris</i>	self-heal or heal-all	N
<input type="checkbox"/> <i>Pycnanthemum tenuifolium</i>	narrow-leaved mountain-mint	N
<input type="checkbox"/> <i>Scutellaria lateriflora</i>	mad-dog skullcap	N
<input type="checkbox"/> <i>Scutellaria nervosa</i>	veined skullcap	N
<input type="checkbox"/> <i>Stachys tenuifolia</i>	common hedge-nettle	N
<input type="checkbox"/> <i>Teucrium canadense</i>	American germander	N
WATER-STARWORTS (Family Callitrichaceae)		
<input type="checkbox"/> <i>Callitriche heterophylla</i>	larger water-starwort	N
PLANTAINS (Family Plantaginaceae)		
<input type="checkbox"/> <i>Plantago lanceolata</i>	narrow-leaved plantain	A
<input type="checkbox"/> <i>Plantago major</i>	common plantain	A
<input type="checkbox"/> <i>Plantago rugelii</i>	Rugel's plantain	N
<input type="checkbox"/> <i>Plantago virginica</i>	hoary plantain	N
BUTTERFLY-BUSHES (Family Buddlejaceae)		
<input type="checkbox"/> <i>Buddleja davidii</i>	butterfly-bush	C
OLIVES (Family Oleaceae)		
<input type="checkbox"/> <i>Chionanthus virginicus</i>	fringe-tree	N (E)
<input type="checkbox"/> <i>Forsythia suspensa</i>	forsythia or golden-bells	C
<input type="checkbox"/> <i>Fraxinus americana</i>	white ash	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
<input type="checkbox"/> <i>Fraxinus nigra</i>	black ash	N
<input type="checkbox"/> <i>Fraxinus pennsylvanica</i>	red ash or green ash	N
<input type="checkbox"/> <i>Fraxinus profunda</i>	pumpkin ash	N
<input type="checkbox"/> <i>Ligustrum vulgare</i>	common privet	A
<input type="checkbox"/> <i>Syringa vulgaris</i>	lilac	C
FIGWORTS (Family Scrophulariaceae)		
<input type="checkbox"/> <i>Dasistoma macrophylla</i>	mullein-foxtail	N
<input type="checkbox"/> <i>Gratiola neglecta</i>	common hedge-hyssop	N
<input type="checkbox"/> <i>Lindernia dubia</i>	false pimpernel	N
<input type="checkbox"/> <i>Mimulus alatus</i>	sharp-winged monkey-flower	N
<input type="checkbox"/> <i>Mimulus ringens</i>	common monkey-flower	N
<input type="checkbox"/> <i>Penstemon digitalis</i>	foxglove beard-tongue	N
<input type="checkbox"/> <i>Penstemon hirsutus</i>	hairy beard-tongue	N
<input type="checkbox"/> <i>Scrophularia marilandica</i>	Maryland figwort	N
<input type="checkbox"/> <i>Verbascum blattaria</i>	moth mullein	A
<input type="checkbox"/> <i>Verbascum thapsus</i>	mullein or velvet-plant	A
<input type="checkbox"/> <i>Veronica arvensis</i>	corn speedwell	A
<input type="checkbox"/> <i>Veronica filiformis</i>	blue-eyed speedwell	A
<input type="checkbox"/> <i>Veronica officinalis</i>	common speedwell	A
<input type="checkbox"/> <i>Veronica serpyllifolia</i>	thyme-leaved speedwell	A
BROOM-RAPES (Family Orobanchaceae)		
<input type="checkbox"/> <i>Conopholis americana</i>	squaw-root	N
TRUMPET-CREEPERS (Family Bignoniaceae)		
<input type="checkbox"/> <i>Campsis radicans</i>	trumpet-vine	N
BELLFLOWERS (Family Campanulaceae)		
<input type="checkbox"/> <i>Campanula rapunculoides</i>	creeping bellflower	A
<input type="checkbox"/> <i>Lobelia cardinalis</i>	cardinal-flower	N
<input type="checkbox"/> <i>Lobelia inflata</i>	Indian-tobacco	N
MADDERS (Family Rubiaceae)		
<input type="checkbox"/> <i>Cephalanthus occidentalis</i>	buttonbush	N
<input type="checkbox"/> <i>Galium aparine</i>	cleavers	N
<input type="checkbox"/> <i>Galium boreale</i>	northern bedstraw	N
<input type="checkbox"/> <i>Galium circaezans</i>	wild licorice	N
<input type="checkbox"/> <i>Galium concinnum</i>	elegant bedstraw	N
<input type="checkbox"/> <i>Galium tinctorium</i>	three-lobed bedstraw	N
<input type="checkbox"/> <i>Galium triflorum</i>	fragrant bedstraw	N
<input type="checkbox"/> <i>Houstonia caerulea</i>	bluets or Quaker ladies	N
HONEYSUCKLES (Family Caprifoliaceae)		
<input type="checkbox"/> <i>Diervilla lonicera</i>	bush-honeysuckle	N
<input type="checkbox"/> <i>Lonicera dioica</i>	wild honeysuckle	N
<input type="checkbox"/> <i>Lonicera japonica</i>	Japanese honeysuckle	A
<input type="checkbox"/> <i>Lonicera maackii</i>	amur honeysuckle	A
<input type="checkbox"/> <i>Lonicera morrowii</i>	Morrow's honeysuckle	A
<input type="checkbox"/> <i>Lonicera tatarica</i>	tartarian honeysuckle	A
<input type="checkbox"/> <i>Sambucus canadensis</i>	elderberry or common elder	N
<input type="checkbox"/> <i>Sambucus pubens</i>	red-berried elder	N
<input type="checkbox"/> <i>Symphoricarpos albus</i>	snowberry	N
<input type="checkbox"/> <i>Triosteum aurantiacum</i>	wild coffee	N
<input type="checkbox"/> <i>Viburnum acerifolium</i>	maple-leaved viburnum	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
<input type="checkbox"/> <i>Viburnum lentago</i>	nannyberry or sheepberry	N
<input type="checkbox"/> <i>Viburnum opulus</i>	European or cranberry-bush	A
<input type="checkbox"/> <i>Viburnum prunifolium</i>	black-haw	N
<input type="checkbox"/> <i>Viburnum recognitum</i>	northern arrow-wood	N
<input type="checkbox"/> <i>Viburnum x carlcephulum</i>	fragrant snowball viburnum	C
<input type="checkbox"/> <i>Weigela florida</i>	weigela "Red Prince"	C
VALERIANS (Family Valerianaceae)		
<input type="checkbox"/> <i>Valerianella radiata</i>	American corn-salad	C
TEASELS (Family dipsacaceae)		
<input type="checkbox"/> <i>Dipsacus fullonum</i>	teasel or wild teasel	A
<input type="checkbox"/> <i>Dipsacus laciniatus</i>	cut-leaved teasel	A
SUNFLOWERS (Family Asteraceae) [= Compositae]		
<input type="checkbox"/> <i>Achillea millefolium</i>	yarrow or common yarrow	N
<input type="checkbox"/> <i>Ageratina altissima</i> [= <i>Eupatorium rugosum</i>]	white snakeroot	N
<input type="checkbox"/> <i>Ambrosia artemisiifolia</i>	common ragweed	N
<input type="checkbox"/> <i>Ambrosia trifida</i>	giant ragweed	N
<input type="checkbox"/> <i>Antennaria neglecta</i>	field pussy-toes	N
<input type="checkbox"/> <i>Anthemis cotula</i>	Mayweed or stinking cotula	A
<input type="checkbox"/> <i>Arctium lappa</i>	great burdock	A
<input type="checkbox"/> <i>Arctium minus</i>	common burdock	A
<input type="checkbox"/> <i>Aster laevis</i>	smooth aster	N
<input type="checkbox"/> <i>Aster lanceolatus</i>	panicled aster	N
<input type="checkbox"/> <i>Aster lateriflorus</i>	calico aster	N
<input type="checkbox"/> <i>Aster novae-angliae</i>	New England aster	N
<input type="checkbox"/> <i>Aster pilosus</i>	awl aster or heath aster	N
<input type="checkbox"/> <i>Aster prenanthoides</i>	crooked-stemmed aster	N
<input type="checkbox"/> <i>Aster racemosus</i>	small-headed aster	N
<input type="checkbox"/> <i>Bidens aristosa</i>	Midwest tickseed-sunflower	N
<input type="checkbox"/> <i>Bidens coronata</i>	northern tickseed-sunflower	N
<input type="checkbox"/> <i>Bidens frondosa</i>	devil's beggar-ticks	N
<input type="checkbox"/> <i>Centaurea dubia</i>	short-fringed knapweed	A
<input type="checkbox"/> <i>Chrysanthemum leucanthemum</i>	ox-eye or white daisy	A
<input type="checkbox"/> <i>Chrysanthemum parthenium</i>	feverfew	A
<input type="checkbox"/> <i>Cichorium intybus</i>	chicory or blue sailor	A
<input type="checkbox"/> <i>Cirsium arvense</i>	Canada thistle	A
<input type="checkbox"/> <i>Cirsium discolor</i>	field thistle	N
<input type="checkbox"/> <i>Cirsium vulgare</i>	bull thistle or common thistle	A
<input type="checkbox"/> <i>Conyza canadensis</i>	common horseweed	N
<input type="checkbox"/> <i>Coreopsis grandiflora</i>	large-flowered tickseed	A
<input type="checkbox"/> <i>Coreopsis tripteris</i>	tall tickseed or tall coreopsis	N
<input type="checkbox"/> <i>Erechtites hieracifolia</i>	fireweed or pilewort	N
<input type="checkbox"/> <i>Erigeron annuus</i>	daisy fleabane or white-top	N
<input type="checkbox"/> <i>Erigeron philadelphicus</i>	Philadelphia fleabane	N
<input type="checkbox"/> <i>Erigeron strigosus</i>	rough fleabane	N
<input type="checkbox"/> <i>Eupatorium altissimum</i>	tall thoroughwort	N
<input type="checkbox"/> <i>Eupatorium fistulosum</i>	common Joe-pye-weed	N
<input type="checkbox"/> <i>Eupatorium perfoliatum</i>	common boneset	N
<input type="checkbox"/> <i>Eupatorium purpureum</i>	purple joe-pye-weed	N
<input type="checkbox"/> <i>Eupatorium serotinum</i>	late-flowering thoroughwort	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
<input type="checkbox"/> <i>Euthamia graminifolia</i>	flat-topped goldenrod	N
<input type="checkbox"/> <i>Galinsoga parviflora</i>	lesser quickweed	A
<input type="checkbox"/> <i>Gnaphalium uliginosum</i>	low or marsh cudweed	A
<input type="checkbox"/> <i>Helenium autumnale</i>	common sneezeweed	N
<input type="checkbox"/> <i>Helianthus tuberosus</i>	Jerusalem-artichoke	N
<input type="checkbox"/> <i>Heliopsis helianthoides</i>	smooth ox-eye	N
<input type="checkbox"/> <i>Hieracium aurantiacum</i>	orange hawkweed	A
<input type="checkbox"/> <i>Hieracium caespitosum</i>	yellow or meadow king-devil	A
<input type="checkbox"/> <i>Hieracium pilosella</i>	mouse-ear hawkweed	A
<input type="checkbox"/> <i>Hieracium venosum</i>	veined hawkweed	N
<input type="checkbox"/> <i>Lactuca canadensis</i>	wild lettuce or tall lettuce	N
<input type="checkbox"/> <i>Lactuca floridana</i>	woodland or tall blue lettuce	N
<input type="checkbox"/> <i>Lactuca serriola</i>	prickly lettuce	A
<input type="checkbox"/> <i>Rudbeckia laciniata</i>	cut-leaved coneflower	N
<input type="checkbox"/> <i>Senecio obovatus</i>	running groundsel	N
<input type="checkbox"/> <i>Senecio vulgaris</i>	common groundsel	A
<input type="checkbox"/> <i>Silphium perfoliatum</i>	Indian cup plant	N
<input type="checkbox"/> <i>Solidago caesia</i>	blue-stemmed goldenrod	N
<input type="checkbox"/> <i>Solidago canadensis</i>	Canada or field goldenrod	N
<input type="checkbox"/> <i>Solidago canadensis</i> var. <i>scabra</i>	tall goldenrod	N
<input type="checkbox"/> <i>Solidago flexicaulis</i>	zigzag goldenrod	N
<input type="checkbox"/> <i>Solidago gigantea</i>	giant goldenrod	N
<input type="checkbox"/> <i>Solidago juncea</i>	early goldenrod	N
<input type="checkbox"/> <i>Solidago nemoralis</i>	gray goldenrod	N
<input type="checkbox"/> <i>Sonchus arvensis</i>	field or perennial sow-thistle	A
<input type="checkbox"/> <i>Taraxacum officinale</i>	common dandelion	A
<input type="checkbox"/> <i>Tragopogon dubius</i>	field goat's-beard	A
<input type="checkbox"/> <i>Tussilago farfara</i>	coltsfoot	A
<input type="checkbox"/> <i>Verbesina alternifolia</i>	wingstem	N
<input type="checkbox"/> <i>Vernonia gigantea</i>	tall ironweed	N
<input type="checkbox"/> <i>Xanthium strumarium</i>	common cockle-bur	N

ANGIOSPERMS (FLOWERING PLANTS)
MONOCOTYLEDONS (CLASS LILIOPSIDA)

WATER-PLANTAINS (Family Alismataceae)

<input type="checkbox"/> <i>Alisma subcordatum</i>	southern water-plantain	N
<input type="checkbox"/> <i>Alisma triviale</i>	northern water-plantain	N (E)
<input type="checkbox"/> <i>Sagittaria latifolia</i>	common arrowhead	N

PONDWEEDS (Family Potamogetonaceae)

<input type="checkbox"/> <i>Potamogeton foliosus</i>	leafy pondweed	N
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SWEET-FLAGS (Family Acoraceae)

<input type="checkbox"/> <i>Acorus americanus</i>	American sweet-flag	N
<input type="checkbox"/> <i>Acorus calamus</i>	sweet-flag or calamus	C

ARUMS (Family Araceae)

<input type="checkbox"/> <i>Arisaema dracontium</i>	green dragon or dragon-root	N
<input type="checkbox"/> <i>Arisaema triphyllum</i>	Jack-in-the-pulpit	N
<input type="checkbox"/> <i>Symplocarpus foetidus</i>	skunk-cabbage	N

DUCKWEEDS (Family Lemnaceae)

<input type="checkbox"/> <i>Lemna minor</i>	lesser duckweed	N
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APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
SPIDERWORTS (Family Commelinaceae)		
<input type="checkbox"/> <i>Commelina communis</i>	Asian dayflower	A
<input type="checkbox"/> <i>Tradescantia ohioensis</i>	smooth or Ohio spiderwort	N
RUSHES (Family Juncaceae)		
<input type="checkbox"/> <i>Juncus acuminatus</i>	sharp-fruited rush	N
<input type="checkbox"/> <i>Juncus canadensis</i>	Canada rush	N
<input type="checkbox"/> <i>Juncus effusus</i>	soft rush or common rush	N
<input type="checkbox"/> <i>Juncus marginatus</i>	grass-leaved rush	N
<input type="checkbox"/> <i>Juncus tenuis</i>	path rush	N
<input type="checkbox"/> <i>Juncus torreyi</i>	Torrey's rush	N
<input type="checkbox"/> <i>Luzula multiflora</i>	pale woodrush	N
SEDGES (Family Cyperaceae)		
<input type="checkbox"/> <i>Bulbostylis capillaris</i>	hairy sedge	N
<input type="checkbox"/> <i>Carex amphibola</i>	gray wood sedge	N
<input type="checkbox"/> <i>Carex bromoides</i>	brome sedge	N
<input type="checkbox"/> <i>Carex caroliniana</i>	Carolina sedge	N
<input type="checkbox"/> <i>Carex cephalophora</i>	oval-headed sedge	N
<input type="checkbox"/> <i>Carex communis</i>	beech sedge	N
<input type="checkbox"/> <i>Carex crinita</i>	tasseled sedge	N
<input type="checkbox"/> <i>Carex cristatella</i>	crested sedge	N
<input type="checkbox"/> <i>Carex emoryi</i>	riverbank sedge	N
<input type="checkbox"/> <i>Carex fusca</i>	grass sedge	N
<input type="checkbox"/> <i>Carex glaucoidea</i>	blue-green sedge	N
<input type="checkbox"/> <i>Carex grayi</i>	Gray's sedge or bur sedge	N
<input type="checkbox"/> <i>Carex hirsutella</i>	hairy green sedge	N
<input type="checkbox"/> <i>Carex lacustris</i>	lakebank sedge	N
<input type="checkbox"/> <i>Carex lasiocarpa</i>	slender sedge	N
<input type="checkbox"/> <i>Carex laxiflora</i>	two-edged sedge	N
<input type="checkbox"/> <i>Carex lurida</i>	bottlebrush sedge	N
<input type="checkbox"/> <i>Carex pennsylvanica</i>	Pennsylvania sedge	N
<input type="checkbox"/> <i>Carex radiata</i>	radiate sedge	N
<input type="checkbox"/> <i>Carex rosea</i>	stellate sedge	N
<input type="checkbox"/> <i>Carex scoparia</i>	pointed broom sedge	N
<input type="checkbox"/> <i>Carex shortiana</i>	Short's sedge	N
<input type="checkbox"/> <i>Carex sparganioides</i>	bur-reed sedge	N
<input type="checkbox"/> <i>Carex squarrosa</i>	squarrose sedge	N
<input type="checkbox"/> <i>Carex stipata</i>	common fox sedge	N
<input type="checkbox"/> <i>Carex tribuloides</i>	blunt broom sedge	N
<input type="checkbox"/> <i>Carex vulpinoidea</i>	foxtail sedge or fox sedge	N
<input type="checkbox"/> <i>Cyperus esculentus</i>	yellow nut-grass	N
<input type="checkbox"/> <i>Cyperus strigosus</i>	galingale	N
<input type="checkbox"/> <i>Eleocharis acicularis</i>	needle spike-rush	N
<input type="checkbox"/> <i>Eleocharis obtusa</i>	blunt spike-rush	N
<input type="checkbox"/> <i>Eleocharis smallii</i>	Small's spike-rush	N
<input type="checkbox"/> <i>Schoenoplectus tabernaemontani</i>	soft-stemmed bulrush	N
<input type="checkbox"/> <i>Scirpus atrovirens</i>	dark green bulrush	N
<input type="checkbox"/> <i>Scirpus cyperinus</i>	wool-grass	N
<input type="checkbox"/> <i>Scirpus pendulus</i>	drooping bulrush	N
<input type="checkbox"/> <i>Scirpus polyphyllus</i>	leafy bulrush	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
GRASSES (Family Poaceae) [= Gramineae]		
<input type="checkbox"/> <i>Agrostis gigantea</i>	redtop or black bent	A
<input type="checkbox"/> <i>Agrostis hyemalis</i>	tickle grass	N
<input type="checkbox"/> <i>Agrostis perennans</i>	autumn bent grass	N
<input type="checkbox"/> <i>Alopecurus pratensis</i>	meadow foxtail	A
<input type="checkbox"/> <i>Andropogon gerardii</i>	big bluestem grass	N
<input type="checkbox"/> <i>Anthoxanthum odoratum</i>	sweet vernal grass	A
<input type="checkbox"/> <i>Avena sativa</i>	oats or common oats	C
<input type="checkbox"/> <i>Bromus commutatus</i>	hairy chess	A
<input type="checkbox"/> <i>Bromus inermis</i>	smooth brome	A
<input type="checkbox"/> <i>Bromus japonicus</i>	Japanese brome	C
<input type="checkbox"/> <i>Bromus latiglumis</i>	ear-leaved brome	N
<input type="checkbox"/> <i>Bromus pubescens</i>	Canada brome	N
<input type="checkbox"/> <i>Bromus tectorum</i>	downy brome	A
<input type="checkbox"/> <i>Dactylis glomerata</i>	orchard grass	C
<input type="checkbox"/> <i>Danthonia spicata</i>	poverty oat grass	N
<input type="checkbox"/> <i>Diarrhena americana</i>	American beak grass	N
<input type="checkbox"/> <i>Digitaria sanguinalis</i>	northern crab grass	A
<input type="checkbox"/> <i>Echinochloa crusgalli</i>	barnyard grass	C
<input type="checkbox"/> <i>Echinochloa muricata</i>	southern barnyard grass	N
<input type="checkbox"/> <i>Elymus canadensis</i>	Canada wild rye	N
<input type="checkbox"/> <i>Elymus hystrix</i>	bottlebrush grass	N
<input type="checkbox"/> <i>Elymus repens</i>	quack grass or wheat grass	C
<input type="checkbox"/> <i>Elymus riparius</i>	riverbank wild rye	N
<input type="checkbox"/> <i>Elymus villosus</i>	downy wild rye	N
<input type="checkbox"/> <i>Elymus virginicus</i>	Virginia wild rye	N
<input type="checkbox"/> <i>Eragrostis cilianensis</i>	stink grass or skunk grass	A
<input type="checkbox"/> <i>Eragrostis hypnoides</i>	creeping love grass	N
<input type="checkbox"/> <i>Glyceria septentrionalis</i>	floating manna grass	N
<input type="checkbox"/> <i>Glyceria striata</i>	fowl manna grass	N
<input type="checkbox"/> <i>Holcus lanatus</i>	velvet grass	A
<input type="checkbox"/> <i>Hordeum jubatum</i>	squirrel-tail barley	A
<input type="checkbox"/> <i>Leersia oryzoides</i>	rice cut grass	N
<input type="checkbox"/> <i>Leptochloa panicea</i>	red sprangletop	A
<input type="checkbox"/> <i>Lolium perenne</i>	perennial rye grass	C
<input type="checkbox"/> <i>Lolium pratense</i>	meadow fescue	C
<input type="checkbox"/> <i>Muhlenbergia frondosa</i>	common satin grass	N
<input type="checkbox"/> <i>Panicum acuminatum</i>	old-field panic grass	N
<input type="checkbox"/> <i>Panicum clandestinum</i>	deer's-tongue grass	N
<input type="checkbox"/> <i>Panicum dichotomiflorum</i>	fall panic grass	N
<input type="checkbox"/> <i>Panicum latifolium</i>	broad-leaved panic grass	N
<input type="checkbox"/> <i>Panicum rigidulum</i>	marsh panic grass	N
<input type="checkbox"/> <i>Phalaris arundinacea</i>	reed canary grass	N
<input type="checkbox"/> <i>Phleum pratense</i>	timothy	C
<input type="checkbox"/> <i>Phragmites australis</i>	reed grass or common reed	A/N
<input type="checkbox"/> <i>Poa compressa</i>	Canada blue grass	C
<input type="checkbox"/> <i>Poa pratensis</i>	Kentucky blue grass	C
<input type="checkbox"/> <i>Puccinellia distans</i>	alkali grass	A
<input type="checkbox"/> <i>Setaria faberi</i>	nodding foxtail grass	A

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
<input type="checkbox"/> <i>Setaria glauca</i>	yellow foxtail grass	A
<input type="checkbox"/> <i>Setaria italica</i>	foxtail millet	A
<input type="checkbox"/> <i>Setaria viridis</i>	green foxtail grass	A
<input type="checkbox"/> <i>Sorghastrum nutans</i>	Indian grass	N
<input type="checkbox"/> <i>Spartina cynosuroides</i>	fresh-water cord grass	N
<input type="checkbox"/> <i>Zizania aquatica</i>	wild rice or Indian rice	N (X)
BUR-REEDS (Family Sparganiaceae)		
<input type="checkbox"/> <i>Sparganium americanum</i>	American bur-reed	N
<input type="checkbox"/> <i>Sparganium eurycarpum</i>	giant bur-reed	N
CAT-TAILS (Family Typhaceae)		
<input type="checkbox"/> <i>Typha angustifolia</i>	narrow-leaved cat-tail	A
<input type="checkbox"/> <i>Typha dominicensis</i>	hybrid cat-tail	A
<input type="checkbox"/> <i>Typha latifolia</i>	broad-leaved cat-tail	N
LILIES (Family Liliaceae)		
<input type="checkbox"/> <i>Allium canadense</i>	wild garlic or wild onion	N
<input type="checkbox"/> <i>Allium sativum</i>	garlic	C
<input type="checkbox"/> <i>Allium senescens</i>	German garlic	C
<input type="checkbox"/> <i>Allium tricoccum</i>	ramps or wild leek	N
<input type="checkbox"/> <i>Allium vineale</i>	field garlic	A
<input type="checkbox"/> <i>Asparagus officinalis</i>	garden asparagus	C
<input type="checkbox"/> <i>Camassia scilloides</i>	wild hyacinth	N
<input type="checkbox"/> <i>Convallaria majalis</i>	lily-of-the-valley	C
<input type="checkbox"/> <i>Erythronium albidum</i>	white trout-lily	N
<input type="checkbox"/> <i>Erythronium americanum</i>	yellow trout-lily	N
<input type="checkbox"/> <i>Hemerocallis fulva</i>	orange day-lily	A
<input type="checkbox"/> <i>Hosta ventricosa</i>	blue plantain-lily	C
<input type="checkbox"/> <i>Lilium canadense</i>	Canada lily or wild lily	N
<input type="checkbox"/> <i>Muscari armeniacum</i>	grape hyacinth	C
<input type="checkbox"/> <i>Narcissus pseudonarcissus</i>	daffodil	C
<input type="checkbox"/> <i>Ornithogalum umbellatum</i>	star-of-Bethlehem	C
<input type="checkbox"/> <i>Polygonatum biflorum</i>	smooth Solomon's-seal	N
<input type="checkbox"/> <i>Polygonatum pubescens</i>	hairy Solomon's-seal	N
<input type="checkbox"/> <i>Prosartes lanuginosa</i>	yellow mandarin	N
<input type="checkbox"/> <i>Scilla campanulata</i>	wood hyacinth	C
<input type="checkbox"/> <i>Smilacina racemosa</i>	Solomon's-plume	N
<input type="checkbox"/> <i>Smilacina stellata</i>	starry false Solomon's-seal	N
<input type="checkbox"/> <i>Trillium erectum</i>	purple trillium	N
<input type="checkbox"/> <i>Trillium flexipes</i>	drooping trillium	N
<input type="checkbox"/> <i>Trillium grandiflorum</i>	large white trillium	N
<input type="checkbox"/> <i>Trillium sessile</i>	toad trillium	N
<input type="checkbox"/> <i>Uvularia grandiflora</i>	large-flowered bellwort	C
AGAVES (Family Agavaceae)		
<input type="checkbox"/> <i>Yucca filamentosa</i>	Adam's-needle or yucca	C
CATBRIERS (Family Smilacaceae)		
<input type="checkbox"/> <i>Smilax herbacea</i>	carrion-flower	N
<input type="checkbox"/> <i>Smilax hispida</i>	bristly greenbrier	N
YAMS (Family Dioscoreaceae)		
<input type="checkbox"/> <i>Dioscorea villosa</i>	wild yam	N

APPENDIX A—PLANTS (continued)

	COMMON NAME	ORIGIN
IRISES (Family Iridaceae)		
<input type="checkbox"/> <i>Crocus speciosus</i>	crocus	C
<input type="checkbox"/> <i>Crocus vernus</i>	crocus	C
<input type="checkbox"/> <i>Iris danfordiae</i>	iris [Dutch hybrid]	C
<input type="checkbox"/> <i>Iris germanica</i>	German iris	C
<input type="checkbox"/> <i>Sisyrinchium angustifolium</i>	common blue-eyed-grass	N
ORCHIDS (Family Orchidaceae)		
<input type="checkbox"/> <i>Platanthera lacera</i>	fringed orchid	N

ORIGIN CODES

A — Alien species.

C — Introduced, escaped from cultivation, or cultivar [produced by selective breeding].

N — Native species.

(E) — Endangered or threatened species.

(X) — Presumed extirpated from Ohio.



Wild crabapple (*Malus coronaria*) in bloom on North Ridge, Sheffield Village (May 2004).

APPENDIX B: CHECKLIST OF FISH

Recorded in the Black River and French Creek Watersheds

	COMMON NAME
LAMPREYS (Family Petromyzontidae)	
<input type="checkbox"/> <i>Ichthyomyzon unicuspis</i>	silver lamprey
GARS (Family Lepisosteidae)	
<input type="checkbox"/> <i>Lepisosteus osseus</i>	longnose gar
BOWFINS (Family Ammidae)	
<input type="checkbox"/> <i>Amia calva</i>	bowfin
HERRINGS (Family Clupeidae)	
<input type="checkbox"/> <i>Alosa pseudoharengus</i>	alewife
<input type="checkbox"/> <i>Dorosoma cepedianum</i>	gizzard shad
SALMONS AND TROUTS (Family Salmoninae)	
<input type="checkbox"/> <i>Oncorhynchus kisutch</i>	coho salmon
<input type="checkbox"/> <i>Oncorhynchus tshawytscha</i>	chinook salmon
<input type="checkbox"/> <i>Salmo gairdneri</i>	rainbow or steelhead trout
MUDMINNOWS (Family Umbridae)	
<input type="checkbox"/> <i>Umbra limi</i>	central mudminnow
PIKES (Family Esocidae)	
<input type="checkbox"/> <i>Esox americanus</i>	grass pickerel
<input type="checkbox"/> <i>Esox lucius</i>	northern pike
<input type="checkbox"/> <i>Esox masquinongy</i>	muskellunge
<input type="checkbox"/> <i>Esox niger</i>	chain pickerel
CARPS AND MINNOWS (Family Cyprinidae)	
<input type="checkbox"/> <i>Campostoma anomalum</i>	stoneroller minnow
<input type="checkbox"/> <i>Carassius auratus</i>	goldfish
<input type="checkbox"/> <i>Cyprinella spiloptera</i>	spotfin shiner
<input type="checkbox"/> <i>Cyprinus carpio</i>	common carp
<input type="checkbox"/> <i>Hybopsis amblops</i>	bigeye chub
<input type="checkbox"/> <i>Luxilus chrysocephalus</i>	striped shiner
<input type="checkbox"/> <i>Luxilus cornutus</i>	common shiner
<input type="checkbox"/> <i>Lythrurus umbratilis</i>	redfin shiner
<input type="checkbox"/> <i>Nocomis biguttatus</i>	hornyhead chub
<input type="checkbox"/> <i>Nocomis micropogon</i>	river chub
<input type="checkbox"/> <i>Notemigonus crysoleucas</i>	golden shiner
<input type="checkbox"/> <i>Notropis atherinoides</i>	emerald shiner
<input type="checkbox"/> <i>Notropis buccata</i>	silverjaw minnow
<input type="checkbox"/> <i>Notropis dorsalis</i>	bigmouth shiner
<input type="checkbox"/> <i>Notropis hudsonius</i>	spottail shiner
<input type="checkbox"/> <i>Notropis rubellus</i>	rosyface shiner
<input type="checkbox"/> <i>Notropis stramineus</i>	sand shiner
<input type="checkbox"/> <i>Notropis volucellus</i>	mimic shiner
<input type="checkbox"/> <i>Pimephales notatus</i>	bluntnose minnow
<input type="checkbox"/> <i>Pimephales promelas</i>	northern fathead minnow
<input type="checkbox"/> <i>Rhinichthys atratulus</i>	blacknose dace
<input type="checkbox"/> <i>Semotilus atromaculatus</i>	northern creek chub

APPENDIX B—FISH (continued)

	COMMON NAME
SUCKERS (Family Catostomidae)	
<input type="checkbox"/> <i>Catostomus commersoni</i>	white sucker
<input type="checkbox"/> <i>Hypentelium nigricans</i>	northern hog sucker
<input type="checkbox"/> <i>Minytrema melanops</i>	spotted sucker
<input type="checkbox"/> <i>Moxostoma anisurum</i>	silver redhorse
<input type="checkbox"/> <i>Moxostoma duquesnei</i>	black redhorse
<input type="checkbox"/> <i>Moxostoma erythrum</i>	golden redhorse
<input type="checkbox"/> <i>Moxostoma macrolepidotum</i>	shorthead redhorse
BULLHEAD CATFISHES (Family Ictaluridae)	
<input type="checkbox"/> <i>Ameiurus melas</i>	black bullhead
<input type="checkbox"/> <i>Ameiurus natalis</i>	yellow bullhead
<input type="checkbox"/> <i>Ameiurus nebulosus</i>	brown bullhead
<input type="checkbox"/> <i>Ictalurus punctatus</i>	channel catfish
<input type="checkbox"/> <i>Noturus flavus</i>	stonecat madtom
<input type="checkbox"/> <i>Noturus gyrinus</i>	tadpole madtom
<input type="checkbox"/> <i>Noturus miurus</i>	brindled madtom
TROUT-PERCHES (Family Percopsidae)	
<input type="checkbox"/> <i>Percopsis omincomaycus</i>	trout-perch
SILVERSIDES (Family Poecillidae)	
<input type="checkbox"/> <i>Labidesthes sicculus</i>	brook silverside
STICKLEBACKS (Family Gasterosteidae)	
<input type="checkbox"/> <i>Culaea inconstans</i>	brook stickleback
TEMPERATE BASSES (Family Percichthyidae)	
<input type="checkbox"/> <i>Morone chrysops</i>	white bass
<input type="checkbox"/> <i>Morone saxatilis</i>	striped bass
SUNFISHES (Family Centrarchidae)	
<input type="checkbox"/> <i>Ambloplites rupestris</i>	rock bass
<input type="checkbox"/> <i>Lepomis cyanellus</i>	green sunfish
<input type="checkbox"/> <i>Lepomis gibbosus</i>	pumpkinseed
<input type="checkbox"/> <i>Lepomis macrochirus</i>	bluegill sunfish
<input type="checkbox"/> <i>Lepomis megalotis peltastes</i>	northern longear sunfish
<input type="checkbox"/> <i>Micropterus dolomieu</i>	smallmouth bass
<input type="checkbox"/> <i>Micropterus salmoides</i>	largemouth bass
<input type="checkbox"/> <i>Pomoxis annularis</i>	white crappie
PERCHES (Family Percidae)	
<input type="checkbox"/> <i>Ammocrypta pellucida</i>	eastern sand darter
<input type="checkbox"/> <i>Etheostoma blennioides</i>	greenside darter
<input type="checkbox"/> <i>Etheostoma caeruleum</i>	rainbow darter
<input type="checkbox"/> <i>Etheostoma flabellare</i>	fantail darter
<input type="checkbox"/> <i>Etheostoma nigrum</i>	johnny darter
<input type="checkbox"/> <i>Perca flavescens</i>	yellow perch
<input type="checkbox"/> <i>Percina caprodes</i>	logperch darter
<input type="checkbox"/> <i>Percina maculata</i>	blackside darter
<input type="checkbox"/> <i>Stizostedion vitreum vitreum</i>	walleye
DRUMS (Family Sciaenidae)	
<input type="checkbox"/> <i>Aplodinotus grunniens</i>	freshwater drum

APPENDIX C: CHECKLIST OF BIRDS

Observed in the Vicinity of Sheffield and the South Shore of Lake Erie

	COMMON NAME	—ABUNDANCE—			
		Sp	Su	F	W
LOONS (Family Gaviidae)					
<input type="checkbox"/> <i>Gavia immer</i>	Common Loon	U	R	U	O
GREBES (Family Podicipedidae)					
<input type="checkbox"/> <i>Podilymbus podiceps</i>	Pied-billed Grebe	C	C	C	O
CORMORANTS (Family Phalacrocoracidae)					
<input type="checkbox"/> <i>Phalacrocorax auritus</i>	Double-crested Cormorant	C	C	C	O
HERONS (Family Ardeidae)					
<input type="checkbox"/> <i>Ardea albus</i>	Great Egret	C	C	C	
<input type="checkbox"/> <i>Ardea herodias</i>	Great Blue Heron	C	C	C	U
<input type="checkbox"/> <i>Botaurus lentiginosus</i>	American Bittern	U	U	U	
<input type="checkbox"/> <i>Butorides striatus</i>	Green Heron	C	C	C	
<input type="checkbox"/> <i>Nycticorax nycticorax</i>	Black-crowned Night-heron	U	U	U	R
WATERFOWL: DUCKS & SWANS (Family Anatidae)					
<input type="checkbox"/> <i>Aix sponsa</i>	Wood Duck	C	C	C	R
<input type="checkbox"/> <i>Anas acuta</i>	Northern Pintail	U	R	U	R
<input type="checkbox"/> <i>Anas americana</i>	American Wigeon	C	R	U	O
<input type="checkbox"/> <i>Anas clypeata</i>	Northern Shoveler	C	O	O	R
<input type="checkbox"/> <i>Anas crecca</i>	Green-winged Teal	C	R	C	R
<input type="checkbox"/> <i>Anas discors</i>	Blue-winged Teal	U	R	U	R
<input type="checkbox"/> <i>Anas platyrhynchos</i>	Mallard	A	A	A	A
<input type="checkbox"/> <i>Anas rubripes</i>	American Black Duck	U	O	U	R
<input type="checkbox"/> <i>Anas strepera</i>	Gadwall	U	R	U	R
<input type="checkbox"/> <i>Aythya affinis</i>	Lesser Scaup	U	R	U	C
<input type="checkbox"/> <i>Aythya americana</i>	Redhead	U	R	U	O
<input type="checkbox"/> <i>Aythya collaris</i>	Ring-necked Duck	U	R	C	R
<input type="checkbox"/> <i>Aythya valisineria</i>	Canvasback	U		U	C
<input type="checkbox"/> <i>Branta canadensis</i>	Canada Goose	A	A	A	A
<input type="checkbox"/> <i>Bucephala albeola</i>	Bufflehead	U		U	C
<input type="checkbox"/> <i>Bucephala clangula</i>	Common Goldeneye	U		U	C
<input type="checkbox"/> <i>Chen caerulescens</i>	Snow Goose	R		R	R
<input type="checkbox"/> <i>Clangula hyemalis</i>	Long-tailed Duck	O		O	O
<input type="checkbox"/> <i>Cygnus columbianus</i>	Tundra Swan [= Whistling Swan]	U		U	R
<input type="checkbox"/> <i>Melanitta fusca</i>	White-winged Scoter	O		O	U
<input type="checkbox"/> <i>Mergus merganser</i>	Common Merganser	O		O	U
<input type="checkbox"/> <i>Mergus serrator</i>	Red-breasted Merganser	C	R	A	C
<input type="checkbox"/> <i>Oxyura jamaicensis</i>	Ruddy Duck	U	R	U	O
AMERICAN VULTURES (Family Cathartidae)					
<input type="checkbox"/> <i>Cathartes aura</i>	Turkey Vulture	C	C	C	R
BIRDS OF PREY: HAWKS & EAGLES (Family Accipitridae)					
<input type="checkbox"/> <i>Accipiter cooperii</i>	Cooper's Hawk	U	U	U	U
<input type="checkbox"/> <i>Accipiter striatus</i>	Sharp-shinned Hawk	U	R	U	U
<input type="checkbox"/> <i>Buteo jamaicensis</i>	Red-tailed Hawk	C	C	C	C

APPENDIX C—BIRDS (continued)

	COMMON NAME	—ABUNDANCE—			
		Sp	Su	F	W
<input type="checkbox"/> <i>Buteo lagopus</i>	Rough-legged Hawk	O		O	U
<input type="checkbox"/> <i>Buteo lineatus</i>	Red-shouldered Hawk	U	U	U	O
<input type="checkbox"/> <i>Buteo platypterus</i>	Broad-winged Hawk	U	U	U	O
<input type="checkbox"/> <i>Circus cyaneus</i>	Northern Harrier [= Marsh Hawk]	U	R	U	U
<input type="checkbox"/> <i>Falco columbarius</i>	Merlin	R		R	R
<input type="checkbox"/> <i>Falco peregrinus</i>	Peregrine Falcon	O	O	O	O
<input type="checkbox"/> <i>Falco sparverius</i>	American Kestrel	C	C	C	C
<input type="checkbox"/> <i>Haliaeetus leucocephalus</i>	Bald Eagle	C	C	C	C
<input type="checkbox"/> <i>Pandion haliaetus</i>	Osprey	U	U	U	R
GALLINACEOUS BIRDS: PHEASANTS (Family Phasianidae)					
<input type="checkbox"/> <i>Meleagris gallopavo</i>	Wild Turkey	U	U	U	U
<input type="checkbox"/> <i>Phasianus colchicus</i>	Ring-necked Pheasant	R	R	O	R
RAILS (Family Rallidae)					
<input type="checkbox"/> <i>Fulica americana</i>	American Coot	C	C	C	U
<input type="checkbox"/> <i>Gallinula chloropus</i>	Common Moorhen	O	O	O	
<input type="checkbox"/> <i>Porzana carolina</i>	Sora	U	U	U	
<input type="checkbox"/> <i>Rallus limicola</i>	Virginia Rail	O	O	O	
CRANES (Family Gruidae)					
<input type="checkbox"/> <i>Grus canadensis</i>	Sandhill Crane	U	U	U	R
SHOREBIRDS: PLOVERS (Family Charadriidae)					
<input type="checkbox"/> <i>Charadrius semipalmatus</i>	Semipalmated Plover	U	U	U	
<input type="checkbox"/> <i>Charadrius vociferus</i>	Killdeer	C	C	C	R
<input type="checkbox"/> <i>Pluvialis dominica</i>	American Golden-plover	R	R	R	
<input type="checkbox"/> <i>Pluvialis squatarola</i>	Black-bellied Plover	R		R	
SHOREBIRDS: SANDPIPERS (Family Scolopacidae)					
<input type="checkbox"/> <i>Actitis macularia</i>	Spotted Sandpiper	C	C	C	
<input type="checkbox"/> <i>Arenaria interpres</i>	Ruddy Turnstone	U	O	U	R
<input type="checkbox"/> <i>Calidris alba</i>	Sanderling	U	R	U	
<input type="checkbox"/> <i>Calidris alpina</i>	Dunlin	U	R	U	
<input type="checkbox"/> <i>Calidris canutus</i>	Red Knot	R		R	
<input type="checkbox"/> <i>Calidris fuscicollis</i>	White-rumped Sandpiper	R	R	R	
<input type="checkbox"/> <i>Calidris mauri</i>	Western Sandpiper	O	U	U	
<input type="checkbox"/> <i>Calidris melanotos</i>	Pectoral Sandpiper	C	U	C	
<input type="checkbox"/> <i>Calidris minutilla</i>	Least Sandpiper	C	U	C	
<input type="checkbox"/> <i>Calidris pusilla</i>	Semipalmated Sandpiper	C	U	C	
<input type="checkbox"/> <i>Catoptrophorus semipalmatus</i>	Willet	R	R	R	
<input type="checkbox"/> <i>Gallinago delicata</i>	Wilson's Snipe	O	O	O	R
<input type="checkbox"/> <i>Gallinago gallinago</i>	Common Snipe	U	U	U	
<input type="checkbox"/> <i>Limnodromus griseus</i>	Short-billed Dowitcher	U	U	U	
<input type="checkbox"/> <i>Limosa fedoa</i>	Marbled Godwit	R	R	R	
<input type="checkbox"/> <i>Phalaropus lobatus</i>	Red-necked Phalarope	R		R	
<input type="checkbox"/> <i>Phalaropus tricolor</i>	Wilson's Phalarope	R		R	
<input type="checkbox"/> <i>Scolopax minor</i>	American Woodcock	C	U	U	
<input type="checkbox"/> <i>Tringa flavipes</i>	Lesser Yellowlegs	C	O	C	
<input type="checkbox"/> <i>Tringa melanoleuca</i>	Greater Yellowlegs	C	O	C	
GULLS & TERNS (Family Laridae)					
<input type="checkbox"/> <i>Chlidonias niger</i>	Black Tern	R	R	R	
<input type="checkbox"/> <i>Larus argentatus</i>	Herring Gull	A	C	A	A

APPENDIX C—BIRDS (continued)

	COMMON NAME	—ABUNDANCE—			
		Sp	Su	F	W
<input type="checkbox"/> <i>Larus delawarensis</i>	Ring-billed Gull	A	A	A	A
<input type="checkbox"/> <i>Larus fuscus</i>	Lesser Black-backed Gull	O		O	U
<input type="checkbox"/> <i>Larus glaucoides</i>	Iceland Gull	O		O	O
<input type="checkbox"/> <i>Larus hyperboreus</i>	Glaucous Gull	O	O	O	
<input type="checkbox"/> <i>Larus marinus</i>	Great Black-backed Gull	U	U	C	C
<input type="checkbox"/> <i>Larus philadelphia</i>	Bonaparte's Gull	C	O	A	O
<input type="checkbox"/> <i>Larus pipixcan</i>	Franklin's Gull	R	R	R	R
<input type="checkbox"/> <i>Larus thayeri</i>	Thayer's Gull	O	O	O	
<input type="checkbox"/> <i>Rissa tridactyla</i>	Black-legged Kittiwake	R		R	R
<input type="checkbox"/> <i>Sterna caspia</i>	Caspian Tern	C	O	C	
<input type="checkbox"/> <i>Sterna forsteri</i>	Forster's Tern	C	O	C	R
<input type="checkbox"/> <i>Sterna hirundo</i>	Common Tern	C	O	C	R
DOVES (Family Columbidae)					
<input type="checkbox"/> <i>Columba livia</i>	Rock Pigeon	C	C	C	C
<input type="checkbox"/> <i>Zenaida macroura</i>	Mourning Dove	A	A	A	A
CUCKOOS (Family Cuculidae)					
<input type="checkbox"/> <i>Coccyzus americanus</i>	Yellow-billed Cuckoo	O	O	O	
<input type="checkbox"/> <i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo	O	O	O	
OWLS (Family Strigidae)					
<input type="checkbox"/> <i>Aegolius acadicus</i>	Northern Saw-whet Owl	R	R	R	R
<input type="checkbox"/> <i>Asio flammeus</i>	Short-eared Owl	R		R	R
<input type="checkbox"/> <i>Bubo virginianus</i>	Great Horned Owl	C	C	C	C
<input type="checkbox"/> <i>Megascops asio</i>	Eastern Screech-owl	C	C	C	C
<input type="checkbox"/> <i>Nyctea scandiaca</i>	Snowy Owl	R		R	O
<input type="checkbox"/> <i>Strix varia</i>	Barred Owl	U	U	U	U
BARN-OWLS (Family Tyonidae)					
<input type="checkbox"/> <i>Tyto alba</i>	Barn-owl	R	R	R	R
GOATSUCKERS & ALLIES (Family Caprimulgidae)					
<input type="checkbox"/> <i>Caprimulgus vociferus</i>	Whip-poor-will	R	R		
<input type="checkbox"/> <i>Chordeiles minor</i>	Common Nighthawk	C	C	C	
HUMMINGBIRDS (Family Trochilidae)					
<input type="checkbox"/> <i>Archilochus colubris</i>	Ruby-throated Hummingbird	C	C	C	
SWIFTS (Family Apodidae)					
<input type="checkbox"/> <i>Chaetura pelagica</i>	Chimney Swift	C	C	C	
KINGFISHERS (Family Alcedinidae)					
<input type="checkbox"/> <i>Ceryle alcyon</i>	Belted Kingfisher	C	C	C	U
WOODPECKERS (Family Picidae)					
<input type="checkbox"/> <i>Colaptes auratus</i>	Northern Flicker	C	C	C	O
<input type="checkbox"/> <i>Dryocopus pileatus</i>	Pileated Woodpecker	O	O	O	O
<input type="checkbox"/> <i>Melanerpes carolinus</i>	Red-bellied Woodpecker	C	C	C	C
<input type="checkbox"/> <i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker	U	U	U	R
<input type="checkbox"/> <i>Picoides pubescens</i>	Downy Woodpecker	C	C	C	C
<input type="checkbox"/> <i>Picoides villosus</i>	Hairy Woodpecker	C	C	C	C
<input type="checkbox"/> <i>Sphyrapicus varius</i>	Yellow-bellied Sapsucker	U	R	U	R

APPENDIX C—BIRDS (continued)

	COMMON NAME	SP	—ABUNDANCE—			
			SU	F	W	
PERCHING BIRDS						
TYRANT FLYCATCHERS & KINGBIRDS (Family Tyrannidae)						
<input type="checkbox"/>	<i>Contopus cooperi</i>		U	R	R	
<input type="checkbox"/>	<i>Contopus virens</i>		C	C	C	
<input type="checkbox"/>	<i>Empidonax alorum</i>		U	R	U	
<input type="checkbox"/>	<i>Empidonax minimus</i>		C	U	U	
<input type="checkbox"/>	<i>Empidonax traillii</i>		C	C	O	
<input type="checkbox"/>	<i>Empidonax virescens</i>		C	C	U	
<input type="checkbox"/>	<i>Myiarchus crinitus</i>		C	C	U	
<input type="checkbox"/>	<i>Sayornis phoebe</i>		C	U	O	R
<input type="checkbox"/>	<i>Tyrannus tyrannus</i>		C	C	C	
LARKS (Family Alaudidae)						
<input type="checkbox"/>	<i>Eremophila alpestris</i>		C	C	C	C
SWALLOWS (Family Hirundinidae)						
<input type="checkbox"/>	<i>Hirundo rustica</i>		C	C	C	
<input type="checkbox"/>	<i>Petrochelidon pyrrhonota</i>		O	R	O	
<input type="checkbox"/>	<i>Progne subis</i>		C	C	C	
<input type="checkbox"/>	<i>Riparia riparia</i>		U	U	U	
<input type="checkbox"/>	<i>Stelgidopteryx serripennis</i>		C	C	C	
<input type="checkbox"/>	<i>Tachycineta bicolor</i>		C	C	C	R
JAYS & CROWS (Family Corvidae)						
<input type="checkbox"/>	<i>Corvus brachyrhynchos</i>		C	C	C	C
<input type="checkbox"/>	<i>Cyanocitta cristata</i>		A	A	A	A
CHICKADEES (Family Paridae)						
<input type="checkbox"/>	<i>Baeolophus bicolor</i>		C	C	C	C
<input type="checkbox"/>	<i>Poecile atricapilla</i>		C	C	C	C
NUTHATCHES (Family Sittidae)						
<input type="checkbox"/>	<i>Sitta canadensis</i>		O	R	O	O
<input type="checkbox"/>	<i>Sitta carolinensis</i>		C	C	C	C
CREEPERS Family Certhiidae)						
<input type="checkbox"/>	<i>Certhia americana</i>		U	R	U	O
WRENS (Family Troglodytidae)						
<input type="checkbox"/>	<i>Cistothorus palustris</i>		U	U	U	R
<input type="checkbox"/>	<i>Thryothorus ludovicianus</i>		U	U	U	U
<input type="checkbox"/>	<i>Troglodytes aedon</i>		C	C	C	
<input type="checkbox"/>	<i>Troglodytes troglodytes</i>		U		O	O
GNATCATCHERS (Family Sylviidae)						
<input type="checkbox"/>	<i>Poliophtila caerulea</i>		C	C	C	
KINGLETS (Family Regulidae)						
<input type="checkbox"/>	<i>Regulus calendula</i>		C		C	O
<input type="checkbox"/>	<i>Regulus satrapa</i>		C		C	O
THRUSHES (Family Turdidae)						
<input type="checkbox"/>	<i>Catharus fuscescens</i>		U	U	U	
<input type="checkbox"/>	<i>Hylocichla mustelina</i>		C	C	C	
<input type="checkbox"/>	<i>Sialia sialis</i>		U	U	U	U
<input type="checkbox"/>	<i>Turdus migratorius</i>		A	A	A	U

APPENDIX C—BIRDS (continued)

	COMMON NAME	SP	—ABUNDANCE—			
			SU	F	W	
MOCKINGBIRDS (Family Mimidae)						
<input type="checkbox"/> <i>Dumetella carolinensis</i>	Gray Catbird	C	C	C		
<input type="checkbox"/> <i>Mimus polyglottos</i>	Northern Mockingbird	O	O	O	O	
<input type="checkbox"/> <i>Toxostoma rufum</i>	Brown Thrasher	U	U	U	R	
PIPITS (Family Motacillidae)						
<input type="checkbox"/> <i>Anthus spinoletta</i>	Water Pipit	U		U	R	
WAXWINGS (Family Bombycillidae)						
<input type="checkbox"/> <i>Bombycilla cedrorum</i>	Cedar Waxwing	C	C	C	U	
SHRIKES (Family Laniidae)						
<input type="checkbox"/> <i>Lanius excubitor</i>	Northern Shrike	R		R	O	
STARLINGS (Family Sturnidae)						
<input type="checkbox"/> <i>Sturnus vulgaris</i>	European Starling	A	A	A	A	
VIREOS (Family Vireonidae)						
<input type="checkbox"/> <i>Vireo flavifrons</i>	Yellow-throated Vireo	U	U	U		
<input type="checkbox"/> <i>Vireo gilvus</i>	Warbling Vireo	C	C	C		
<input type="checkbox"/> <i>Vireo griseus</i>	White-eyed Vireo	U	U	U		
<input type="checkbox"/> <i>Vireo olivaceus</i>	Red-eyed Vireo	C	C	C		
<input type="checkbox"/> <i>Vireo philadelphicus</i>	Philadelphia Vireo	O		O		
<input type="checkbox"/> <i>Vireo solitarius</i>	Blue-headed Vireo	U	O	U		
WOOD-WARBLEERS (Family Parulidae)						
<input type="checkbox"/> <i>Dendroica caerulescens</i>	Black-throated Blue Warbler	U		U		
<input type="checkbox"/> <i>Dendroica castanea</i>	Bay-breasted Warbler	U		C		
<input type="checkbox"/> <i>Dendroica cerulea</i>	Cerulean Warbler	U	U	U		
<input type="checkbox"/> <i>Dendroica coronata</i>	Yellow-rumped Warbler	C		C	O	
<input type="checkbox"/> <i>Dendroica dominica</i>	Yellow-throated Warbler	R	R			
<input type="checkbox"/> <i>Dendroica fusca</i>	Blackburnian Warbler	U		U		
<input type="checkbox"/> <i>Dendroica magnolia</i>	Magnolia Warbler	U		U		
<input type="checkbox"/> <i>Dendroica pensylvanica</i>	Chestnut-sided Warbler	U	O	U		
<input type="checkbox"/> <i>Dendroica petechia</i>	Yellow Warbler	C	C	C		
<input type="checkbox"/> <i>Dendroica pinus</i>	Pine Warbler	O		U		
<input type="checkbox"/> <i>Dendroica striata</i>	Blackpoll Warbler	U		C		
<input type="checkbox"/> <i>Dendroica virens</i>	Black-throated Green Warbler	C		U		
<input type="checkbox"/> <i>Geothlypis trichas</i>	Common Yellowthroat	C	C	C	R	
<input type="checkbox"/> <i>Icteria virens</i>	Yellow-breasted Chat	U	U	U		
<input type="checkbox"/> <i>Mniotilta varia</i>	Black-and-white Warbler	U	R	U	R	
<input type="checkbox"/> <i>Oporornis philadelphia</i>	Mourning Warbler	O		R		
<input type="checkbox"/> <i>Parula americana</i>	Northern Parula	U	R	O		
<input type="checkbox"/> <i>Protonotaria citrea</i>	Prothonotary Warbler	C	C	U		
<input type="checkbox"/> <i>Seiurus aurocapillus</i>	Ovenbird	U	U	U		
<input type="checkbox"/> <i>Seiurus motacilla</i>	Louisiana Waterthrush	U	O	U		
<input type="checkbox"/> <i>Seiurus noveboracensis</i>	Northern Waterthrush	U	R	U		
<input type="checkbox"/> <i>Setophaga ruticilla</i>	American Redstart	C	C	C		
<input type="checkbox"/> <i>Vermivora celata</i>	Orange-crowned Warbler	O		O	R	
<input type="checkbox"/> <i>Vermivora peregrina</i>	Tennessee Warbler	C		C		
<input type="checkbox"/> <i>Vermivora pinus</i>	Blue-winged Warbler	U	U	U		
<input type="checkbox"/> <i>Wilsonia citrina</i>	Hooded Warbler	U	O	U		
TANAGERS (Family Thraupidae)						
<input type="checkbox"/> <i>Piranga olivacea</i>	Scarlet Tanager	U	U	U		

APPENDIX C—BIRDS (continued)

	COMMON NAME	SP	—ABUNDANCE—			
			SU	F	W	
CARDINALS (Family Cardinalidae)						
<input type="checkbox"/>	<i>Cardinalis cardinalis</i>		C	C	C	C
<input type="checkbox"/>	<i>Passerina cyanea</i>		C	C	C	
<input type="checkbox"/>	<i>Pheucticus ludovicianus</i>		C	C	U	
AMERICAN SPARROWS (Family Emberizidae)						
<input type="checkbox"/>	<i>Ammodramus savannarum</i>		R	U	R	
<input type="checkbox"/>	<i>Calcarius lapponicus</i>		R		R	R
<input type="checkbox"/>	<i>Junco hyemalis</i>		C	R	C	C
<input type="checkbox"/>	<i>Melospiza georgiana</i>		C	C	C	O
<input type="checkbox"/>	<i>Melospiza melodia</i>		C	C	C	C
<input type="checkbox"/>	<i>Passerculus sandwichensis</i>		U	U	U	R
<input type="checkbox"/>	<i>Pipilo erythrophthalmus</i>		U	U	U	R
<input type="checkbox"/>	<i>Plectrophenax nivalis</i>		O		O	U
<input type="checkbox"/>	<i>Spizella arborea</i>		C		C	C
<input type="checkbox"/>	<i>Spizella passerina</i>		C	C	C	
<input type="checkbox"/>	<i>Spizella pusilla</i>		C	C	C	R
<input type="checkbox"/>	<i>Zonotrichia albicollis</i>		C	R	C	U
<input type="checkbox"/>	<i>Zonotrichia leucophrys</i>		U		U	O
BLACKBIRDS & ORIOLES (Family Icteridae)						
<input type="checkbox"/>	<i>Agelaius phoeniceus</i>		A	A	A	U
<input type="checkbox"/>	<i>Dolichonyx oryzivorus</i>		U	C	U	
<input type="checkbox"/>	<i>Euphagus carolinus</i>		U		U	O
<input type="checkbox"/>	<i>Icterus galbula</i>		C	C	U	
<input type="checkbox"/>	<i>Icterus spurius</i>		U	U	O	
<input type="checkbox"/>	<i>Molothrus ater</i>		C	C	C	O
<input type="checkbox"/>	<i>Quiscalus quiscula</i>		A	A	A	O
<input type="checkbox"/>	<i>Sturnella magna</i>		C	C	C	O
FINCHES & ALLIES (Family Fringillidae)						
<input type="checkbox"/>	<i>Carduelis tristis</i>		C	C	C	C
<input type="checkbox"/>	<i>Carpodacus mexicanus</i>		A	A	A	A
<input type="checkbox"/>	<i>Carpodacus purpureus</i>		U	O	U	O
<input type="checkbox"/>	<i>Coccothraustes vespertinus</i>		R		R	R
<input type="checkbox"/>	<i>Spinus pinus</i>		U	R	U	O
OLD WORLD SPARROWS (Family Passeridae)						
<input type="checkbox"/>	<i>Passer domesticus</i>		A	A	A	A

SEASONAL DESIGNATIONS:

Sp – Spring (March-May)

Su – Summer (June-August)

F – Fall (September-November)

W – Winter (December-February)

ABUNDANCE CODES:

A – Abundant Very common. Seen in large numbers and/or at many locations.

C – Common Nearly certain to be seen in suitable habitat. May be abundant, but secretive.

O – Occasional Occasional. Not always present. Seen only a few times during a season.

U – Uncommon Present, but not always seen due to low numbers and/or secretive habits.

R – Rare Not unexpected, but not always predictable. Not apt to be seen every year.

APPENDIX D—CHECKLIST OF AMPHIBIANS, REPTILES, AND MAMMALS Observed in the Vicinity of Sheffield

COMMON NAME

AMPHIBIANS

NEWTS (Family Salamandridae)

- Notophthalmus viridescens* eastern newt

MUDPUPIES (Family Proteidae)

- Necturus maculosus* mudpuppy

MOLE SALAMANDERS (Family Ambystomatidae)

- Ambystoma jeffersonianum* Jefferson's salamander
 Ambystoma maculatum spotted salamander
 Ambystoma opacum marbled salamander
 Ambystoma platineum silvery salamander
 Ambystoma texanum small-mouthed salamander
 Ambystoma spp. hybrid mole salamanders

LUNGLESS SALAMANDERS (Family Plethodontidae)

- Desmognathus fuscus* dusky salamander
 Eurycea bislineata two-lined salamander
 Hemidactylium scutatum four-toed salamander
 Plethodon cinereus eastern redback salamander
 Plethodon glutinosus slimy salamander
 Plethodon richmondi ravine salamander

BUFONID TOADS (Family Bufonidae)

- Bufo americanus* American toad
 Bufo woodhousii fowleri Fowler's toad

CRICKET FROGS & TREEFROGS (Family Hylidae)

- Acris crepitans* northern cricket frog
 Hyla versicolor gray treefrog
 Pseudacris crucifer crucifer northern spring peeper
 Pseudacris triseriata western chorus frog

RANID FROGS (Family Ranidae)

- Rana catesbeiana* bullfrog
 Rana clamitans melanota green frog
 Rana palustris pickerel frog
 Rana pipiens northern leopard frog
 Rana sylvatica wood frog

REPTILES

SNAPPING TURTLES (Family Chelydridae)

- Chelydra serpentina* snapping turtle

BOX AND WATER TURTLES (Family Emydidae)

- Chrysemys picta marginata* midland painted turtle
 Clemmys guttata spotted turtle
 Emydoidea blandingii Blanding's turtle
 Graptemys geographica common map turtle
 Trachemys scripta red-eared slider turtle

APPENDIX D— AMPHIBIANS, REPTILES, AND MAMMALS (continued)

COMMON NAME

SOFTSHELL TURTLES (Family Trionychidae)

Apalone spiniferus spiny softshell turtle

COLUBRID SNAKES (Family Colubridae)

Coluber constrictor foxii blue racer
 Diadophis punctatus edwardsii northern ring-neck snake
 Elapha obsoleta obsoleta black rat snake
 Lampropeltis triangulum triangulum eastern milk snake
 Nerodia sipedon sipedon northern water snake
 Opheodrys vernalis smooth green snake
 Regina septemvittata queen snake
 Storeria dekayi dekayi northern brown snake
 Thamnophis sauritus eastern ribbon snake
 Thamnophis sirtalis sirtalis eastern garter snake

VIPERS (Family Viperidea)

Sistrurus catenatus Massasauga rattlesnake

MAMMALS

OPOSSUMS (Family Didelphidae)

Didelphis virginiana Virginia opossum

SHREWS (Family Soricidae)

Blarina brevicauda northern short-tailed shrew
 Cryptotis parva least shrew
 Sorex cinereus masked shrew
 Sorex hoyi pygmy shrew

MOLES (Family Talpidae)

Condylura cristata star-nosed mole
 Scalopus aquaticus eastern mole

BATS (Family Vespertilionidae)

Eptesicus fuscus big brown bat
 Lasiurus cinereus hoary bat
 Myotis lucifugus little brown bat
 Pipistrellus subflavus eastern pipistrelle bat

WOLVES & FOXES (Family Canidae)

Canis latrans coyote
 Urocyon cinereoargenteus gray fox
 Vulpes vulpes red fox

PROCYONIDS (Family Procyonidae)

Procyon lotor raccoon

MUSTELIDS (Family Mustelidae)

Lutre canadensis river otter
 Mustela frenata long-tailed weasel
 Mustela nivalis least weasel
 Mustela vison mink
 Mephitis mephitis striped skunk

HARES & RABBITS (Family Leporidae)

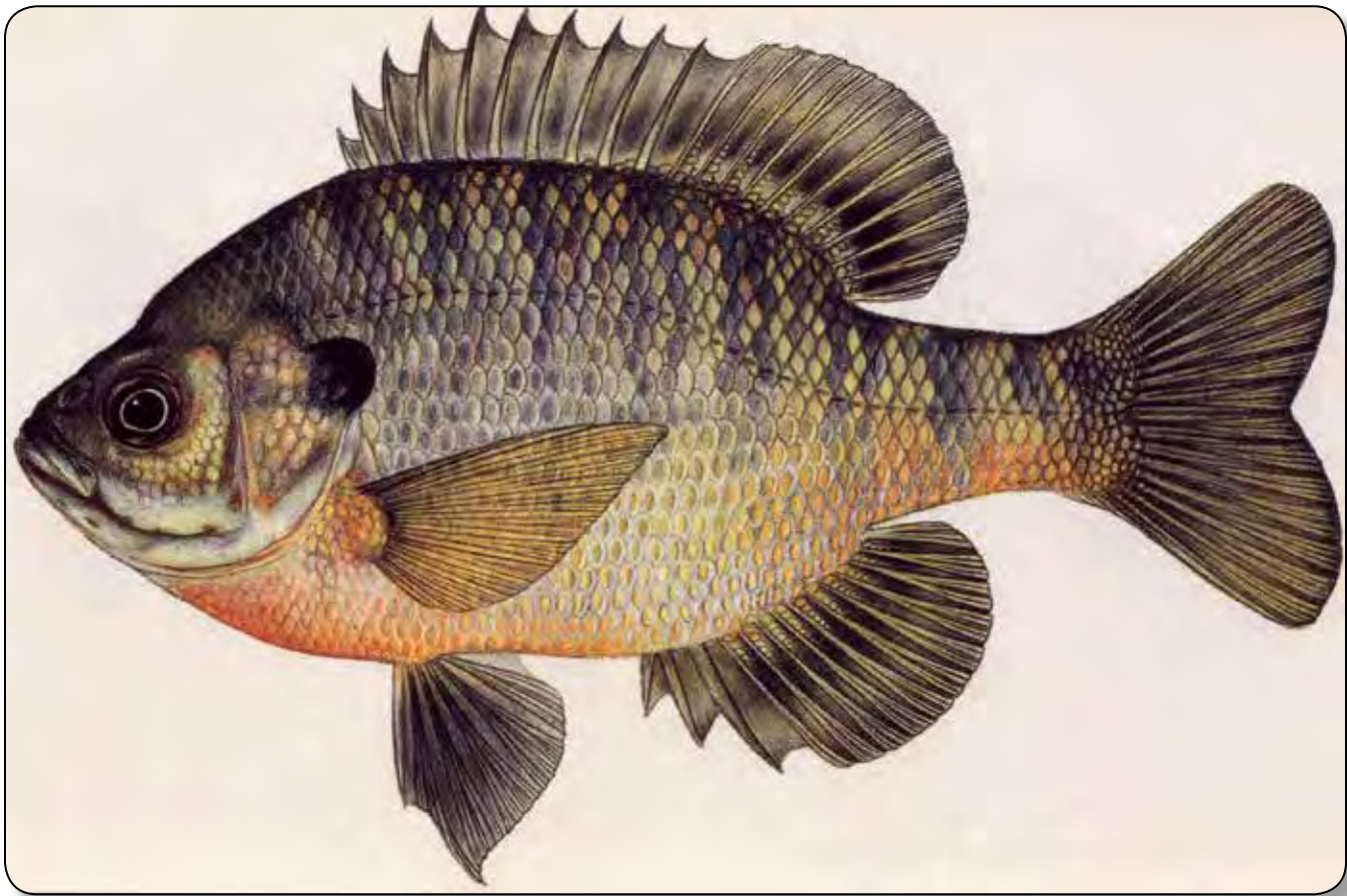
Sylvilagus floridanus eastern cottontail rabbit

SQUIRRELS (Family Sciuridae)

Glaucomys volans southern flying squirrel
 Marmota monax groundhog or woodchuck

APPENDIX D—AMPHIBIANS, REPTILES AND MAMMALS (continued)

	COMMON NAME
<input type="checkbox"/> <i>Sciurus carolinensis</i>	gray squirrel
<input type="checkbox"/> <i>Sciurus niger</i>	fox squirrel
<input type="checkbox"/> <i>Tamias striatus</i>	eastern chipmunk
<input type="checkbox"/> <i>Tamiasciurus hudsonicus</i>	red squirrel
BEAVERS (Family Castoridae)	
<input type="checkbox"/> <i>Castor canadensis</i>	beaver
RATS, MICE & VOLES (Family Muridae)	
<input type="checkbox"/> <i>Microtus pennsylvanicus</i>	meadow vole or field mouse
<input type="checkbox"/> <i>Mus musculus</i>	house mouse
<input type="checkbox"/> <i>Ondatra zibethicus</i>	muskrat
<input type="checkbox"/> <i>Peromyscus leucopus</i>	white-footed mouse
<input type="checkbox"/> <i>Peromyscus maniculatus</i>	deer mouse
<input type="checkbox"/> <i>Rattus norvegicus</i>	Norway rat or common rat
<input type="checkbox"/> <i>Synaptomys cooperi</i>	southern bog lemming
JUMPING MICE (Family Dipodidae)	
<input type="checkbox"/> <i>Zapus hudsonius</i>	meadow jumping mouse
DEER (Family Cervidae)	
<input type="checkbox"/> <i>Odocoileus virginianus</i>	white-tailed deer



Bluegill (*Lepomis macrochirus*) a common sunfish in Sheffield farm ponds (Ohio Division of Wildlife).

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