

Appendix C

**Lists of Plants and Terrestrial Animals Observed Around
Nolichucky Reservoir During Field Studies Conducted in 2000.**

Table C-1. Partial list of vegetation species which occur in the wetlands in and around Nolichucky Reservoir.

Common Name	Scientific Names
Arrowhead	<i>Sagittaria calycina</i>
Black willow	<i>Salix nigra</i>
Box elder	<i>Acer negundo</i>
Burreed	<i>Sparganium americanum</i>
Buttonbush	<i>Cephalanthus occidentalis</i>
Cardinal flower	<i>Lobelia cardinalis</i>
Cattail	<i>Typha latifolia, T. angustifolia</i>
Clearweed	<i>Pilea pumila</i>
American elm	<i>Ulmus americana</i>
False nettle	<i>Boehmeria cylindrica</i>
Green arum	<i>Peltandra virginica</i>
Green ash	<i>Fraxinus pennsylvanica</i>
Hog peanut	<i>Amphicarpa bracteata</i>
Jewelweed	<i>Impatiens capensis</i>
Lizard's tail	<i>Saururus cernuus</i>
Moneywort	<i>Lysimachia nummularia</i>
Mud plantain	<i>Heteranthera reniformis</i>
Purple loosestrife	<i>Lythrum salicaria</i>
Rice cutgrass	<i>Leersia oryzoides</i>
Seedbox	<i>Ludwigia palustris</i>
Sedges	<i>Carex lupulina, C. tribuloides; C. typhina; C. crinita</i>
Silver maple	<i>Acer saccharinum</i>
Smartweed	<i>Polygonum hydropiperoides, Polygonum sp.</i>
Soft rush	<i>Juncus effusus</i>
Spikerush	<i>Eleocharis obtusa, E. acicularis</i>
Stinging nettle	<i>Urtica dioica</i>
Sycamore	<i>Platanus occidentalis</i>
Yellow iris	<i>Iris pseudacorus</i>
Water milfoil	<i>Myriophyllum sp.</i>
Water plantain	<i>Alisma subcordatum</i>
Water weed	<i>Elodea canadensis</i>
Waterwillow	<i>Justicia americana</i>

Table C-2. Plant species observed during surveys around and downstream from Nolichucky Reservoir during 2000.

Common Name	Scientific Name
Alder*	<i>Alnus serrulata</i>
Alumroot*	<i>Huechera</i> sp.
American elm	<i>Ulmus americana</i>
Amorpha	<i>Amorpha fruticosa</i>
Appalachian groundsel	<i>Senecio smallii</i>
Arrow-arum*	<i>Peltandra virginica</i>
Ash*	<i>Fraxinus</i> sp.
Aster*	<i>Aster</i> spp.
Autumn olive	<i>Eleagnus umbellata</i>
Basswood	<i>Tillia americana</i>
Bedstraw*	<i>Galium</i> sp.
Beech	<i>Fagus grandifolia</i>
Bellwort*	<i>Uvularia</i> sp.
Bitter-creas*	<i>Cardamine</i> sp.
Black cherry	<i>Prunus serotina</i>
Black cohosh	<i>Cimicifuga racemosa</i>
Black haw	<i>Viburnum prunifolium</i>
Black locust	<i>Robinia pseudoacacia</i>
Black walnut	<i>Juglans nigra</i>
Black willow	<i>Salix nigra</i>
Blood root	<i>Sanquinaria canadensis</i>
Blue phlox	<i>Phlox divaricata</i>
Box elder	<i>Acer negundo</i>
Branching whitlow-wort	<i>Draba ramosissima</i>
Broad-leaved toothwort	<i>Cardamine diphylla</i>
Bulbette fern	<i>Cystopteris bulbifera</i>
Buttercup*	<i>Ranunculus</i> sp.
Carolina buckthorn	<i>Rhamnus caroliniana</i>
Cat tail*	<i>Typha</i> sp.
Catalpa	<i>Catalpa bignonioides</i>
Chickweed*	<i>Stellaria</i> sp.
Christmas fern	<i>Polystichum acrostichoides</i>
Cinquefoil*	<i>Potentilla</i> sp.
Clematis*	<i>Clematis</i> sp.
Cliff brake fern*	<i>Pellaea</i> sp.
Coral berry	<i>Symphoricarpos orbiculatus</i>
Crane fly orchid	<i>Tipularia discolor</i>
Cross vine	<i>Bignonia capreolata</i>
Cutleaf-coneflower	<i>Rudbeckia laciniata</i>

Table C-2. (Continued)

Common Name	Scientific Name
Dock*	<i>Rumex sp.</i>
Dogwood*	<i>Cornus florida</i>
Dwarf iris	<i>Iris cristata</i>
Dwarf larkspur	<i>Delphinium tricornis</i>
Elderberry	<i>Sambucus canadensis</i>
Elm*	<i>Ulmus sp.</i>
Eupatorium*	<i>Eupatorium sp.</i>
False nettle	<i>Boehmeria cylindrica</i>
Fire pink	<i>Silene virginica</i>
Fragrant sumac	<i>Rhus aromatica</i>
Galax	<i>Galax urceolata</i>
Garlic mustard	<i>Alliaria petiolata</i>
Geranium*	<i>Geranium sp.</i>
Gill over the ground	<i>Glechoma hederacea</i>
Grape fern*	<i>Botrychium sp.</i>
Green dragon	<i>Arisaema dracontium</i>
Hearts a bustin'	<i>Euonymus americanus</i>
Hemlock*	<i>Tsuga canadensis</i>
Hepatica*	<i>Hepatica sp.</i>
Hickory*	<i>Carya sp.</i>
Hoary bitter-cress	<i>Cardamine hirsuta</i>
Honewort	<i>Cryptotaenia canadensis</i>
Honeysuckle*	<i>Lonicera japonica</i>
Hop hornbeam	<i>Ostrya virginiana</i>
Horse tail*	<i>Equisetum sp.</i>
Horsemint	<i>Monarda fistulosa</i>
Hydrangea	<i>Hydrangea arborescens</i>
Ironwood*	<i>Carpinus caroliniana</i>
Jack in the pulpit	<i>Arisaema triphyllum</i>
Japanese knot weed	<i>Polygonum cuspidatum</i>
Jewel weed*	<i>Impatiens capensis, I. Pallida</i>
Knotweed	<i>Polygonum sp.</i>
Lady tresses fern	<i>Athyrium asplenoides</i>
Large leaf waterleaf	<i>Hydrophyllum macrophyllum</i>
Leaf cup*	<i>Polymnia sp.</i>
Little brown jugs*	<i>Hexastylis arifolia</i>
Long spurred violet	<i>Viola rostrata</i>
Lowbush blueberry	<i>Vaccinium pallidum</i>

Table C-2. (Continued)

Common Name	Scientific Name
Maiden hair fern	<i>Adiantum pedatum</i>
Maple leaf viburnum	<i>Viburnum acerifolium</i>
May apple	<i>Podophyllum peltatum</i>
Mock orange	<i>Philadelphus</i> sp.
Moneywort	<i>Lysimachia nummularia</i>
Mugwort	<i>Artemisia vulgaris</i>
Multiflora rose	<i>Rosa multiflora</i>
Ninebark	<i>Physocarpus opulifolius</i>
Northern red oak	<i>Quercus rubra</i>
One-flowered cancer root	<i>Orobanche uniflora</i>
Phacelia*	<i>Phacelia bipinnatifida</i>
Pipsissewa	<i>Chimaphila maculata</i>
Poison ivy	<i>Toxicodendron radicans</i>
Pokeweed	<i>Phytolacca americana</i>
Poplar	<i>Liriodendron tulipifera</i>
Privet	<i>Ligustrum sinense</i>
Pussy-toes*	<i>Antennaria</i> sp.
Ragwort	<i>Senecio</i> sp.
Rattlesnake root*	<i>Prenanthes</i> sp.
Red bud	<i>Cercis canadensis</i>
Red cedar	<i>Juniperus virginiana</i>
Resurrection fern	<i>Polypodium polypodioides</i>
Rhododendron	<i>Rhododendron maximum</i>
River birch	<i>Betula nigra</i>
River cane	<i>Arundinaria gigantea</i>
Rock-cress*	<i>Arabis laevigata</i>
Rue Anemone	<i>Thalictrum thalictroides</i>
Serviceberry*	<i>Amelanchier</i> sp.
Short-spurred corydalis	<i>Corydalis flavala</i>
Silky dogwood	<i>Cornus amomum</i>
Silver bell	<i>Halesia carolina</i>
Silver maple	<i>Acer saccharinum</i>
Slippery elm	<i>Ulmus rubra</i>
Smilax	<i>Smilax glauca</i>
Solomon's seal	<i>Polygonatum biflorum</i>
Sphagnum moss	<i>Sphagnum</i> sp.
Spice bush	<i>Lindera benzoin</i>
Spiderwort	<i>Tradescantia</i> sp.
Spike rush	<i>Eleocharis</i> sp.

Table C-2. (Continued)

Common Name	Scientific Name
Spring beauty	<i>Claytonia virginica</i>
Spring coralroot	<i>Corallorhiza wisteriana</i>
St. John's Wort	<i>Hypericum</i> sp.
Starry chickweed	<i>Stellaria pubera</i>
Stonecrop	<i>Sedum ternatum</i>
Sugar maple	<i>Acer saccharum</i>
Sweet gum	<i>Liquidambar styraciflua</i>
Sweet shrub	<i>Calycanthus floridus</i>
Sycamore	<i>Platanthera occidentalis</i>
Thistle	<i>Cirsium</i> sp.
Toothwort*	<i>Dentaria lacinata</i>
Tree-of-heaven	<i>Ailanthus altissima</i>
Trillium	<i>Trillium</i> spp.
Trout lily	<i>Erythronium americanum</i>
Violet wood sorrel	<i>Oxalis violacea</i>
Violet*	<i>Viola</i> spp.
Violet*	<i>Viola striata</i>
Virginia blue bells	<i>Mertensia virginica</i>
Virginia creeper	<i>Parthenocissus quinquefolius</i>
Virginia pine	<i>Pinus virginiana</i>
Walking fern	<i>Asplenium rhizophyllum</i>
Water hemlock	<i>Cicuta maculata</i>
Water-willow	<i>Justicia americana</i>
Waterleaf	<i>Hydrophyllum</i> sp.
White oak	<i>Quercus alba</i>
White pine	<i>Pinus strobus</i>
Wild ginger	<i>Asarum canadense</i>
Wild yam	<i>Dioscorea villosa</i>
Willow	<i>Salix</i> sp.
Wing stem	<i>Verbesina alternifolia</i>
Witch hazel	<i>Hamamelis virginiana</i>
Wood fern	<i>Dryopteris</i> sp.
Wood-rush*	<i>Luzula</i> sp.
Yellow buckeye	<i>Aesculus flava</i>
Yellow iris	<i>Iris pseudacorus</i>
Yellow trillium	<i>Trillium luteum</i>

* = Common name routinely applied to more than one member of this genus.

Table C-3. Terrestrial wildlife species observed during surveys around and downstream from Nolichucky Reservoir during 2000.

Common Name	Scientific Name
Amphibians	
American toad	<i>Bufo americanus</i>
Bullfrog	<i>Rana catesbiana</i>
Cope's gray treefrog	<i>Hyla chrysoscelis</i>
Dusky salamander	<i>Desmognathus fuscus</i>
Green frog	<i>Rana clamitans</i>
Northern slimy salamander	<i>Plethodon glutinosus</i>
Pickerel frog	<i>Rana palustris</i>
Spring peeper	<i>Pseudacris crucifer</i>
Reptiles	
Broadhead skink	<i>Eumeces laticeps</i>
Eastern garter snake	<i>Thamnophis sirtalis sirtalis</i>
Northern banded water snake	<i>Nerodia sipedon</i>
Painted turtle	<i>Chrysemys picta</i>
Birds	
American coot	<i>Fulica americana</i>
American crow	<i>Corvus brachyrhynchos</i>
American goldfinch	<i>Carduelis tristis</i>
American robin	<i>Turdus migratorius</i>
Barn swallow	<i>Hirundo rustica</i>
Belted kingfisher	<i>Ceryle alcyon</i>
Black vulture	<i>Coragyps atratus</i>
Black-crowned night-heron	<i>Nycticorax nycticorax</i>
Blue-gray gnatcatcher	<i>Polioptila caerulea</i>
Bluejay	<i>Cyanocitta cristata</i>
Blue-winged teal	<i>Anas discors</i>
Blue-winged warbler	<i>Vermivora pinus</i>
Brown thrasher	<i>Toxostoma rufum</i>
Brown-headed cowbird	<i>Molothrus ater</i>
Canada goose	<i>Branta canadensis</i>
Carolina chickadee	<i>Poecile carolinensis</i>
Carolina wren	<i>Thryothorus ludovicianus</i>

Table C-3. (Continued)

Common Name	Scientific Name
Chimney swift	<i>Chaetura pelagica</i>
Cliff swallow	<i>Petrochelidon pyrrhonota</i>
Common grackle	<i>Quiscalus quiscula</i>
Common yellowthroat	<i>Geothlypis trichas</i>
Connecticut warbler	<i>Oporornis agilis</i>
Downy woodpecker	<i>Picoides pubescens</i>
Eastern bluebird	<i>Sialia sialis</i>
Eastern kingbird	<i>Tyrannus tyrannus</i>
Eastern meadowlark	<i>Sturnella magna</i>
Eastern phoebe	<i>Saynoris phoebe</i>
Eastern towhee	<i>Pipilo erythrophthalmus</i>
Eastern tufted titmouse	<i>Baeolophus bicolor</i>
Eastern wild turkey	<i>Meleagris gallopavo</i>
European starling	<i>Sturnus vulgaris</i>
Field sparrow	<i>Spizella pusilla</i>
Grasshopper sparrow	<i>Ammodramus savannarum</i>
Great blue heron	<i>Ardea herodias</i>
Great crested flycatcher	<i>Myiarchus crinitus</i>
Great egret	<i>Casmerodius albus</i>
Green-backed heron	<i>Butorides virescens</i>
Hairy woodpecker	<i>Picoides villosus</i>
House finch	<i>Carpodacus mexicanus</i>
House sparrow	<i>Passer domesticus</i>
Indigo bunting	<i>Passerina cyanea</i>
Killdeer	<i>Charadrius vociferus</i>
Little blue heron	<i>Egretta caerulea</i>
Mallard	<i>Anas platyrinchos</i>
Mourning dove	<i>Zenaida macroura</i>
Northern bobwhite	<i>Colinus virginianus</i>
Northern cardinal	<i>Cardinalis cardinalis</i>
Northern mockingbird	<i>Mimus polyglottos</i>
Northern parula	<i>Parula americana</i>
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>
Northern waterthrush	<i>Seiurus noveboracensis</i>
Osprey	<i>Pandion haliaetus</i>
Pileated woodpecker	<i>Dryocopus pileatus</i>
Pine warbler	<i>Dendroica pinus</i>
Prothonotary warbler	<i>Protonotaria citrea</i>

Table C-3. (Continued)

Common Name	Scientific Name
Red-bellied woodpecker	<i>Melanerpes carolinus</i>
Red-eyed vireo	<i>Vireo olivaceus</i>
Red-shouldered hawk	<i>Buteo lineatus</i>
Red-tailed hawk	<i>Buteo jamaicensis</i>
Red-winged blackbird	<i>Agelaius phoeniceus</i>
Rock dove	<i>Columba livia</i>
Scarlet tanager	<i>Piranga olivacea</i>
Snowy egret	<i>Egretta thula</i>
Song sparrow	<i>Melospiza melodia</i>
Spotted sandpiper	<i>Actitis macularia</i>
Swainson's warbler	<i>Limnothlypis swainsonii</i>
Tree swallow	<i>Tachycineta bicolor</i>
Turkey vulture	<i>Cathartes aura</i>
Warbling vireo	<i>Vireo gilvus</i>
White-breasted nuthatch	<i>Sitta carolinensis</i>
White-eyed vireo	<i>Vireo griseus</i>
Wood duck	<i>Aix sponsa</i>
Wood thrush	<i>Hylocichla mustelina</i>
Yellow-billed cuckoo	<i>Coccyzus americanus</i>
Yellow-breasted chat	<i>Icteria virens</i>
Yellow-throated warbler	<i>Dendroica dominica</i>
Mammals	
Beaver	<i>Castor canadensis</i>
Eastern chipmunk	<i>Tamias striatus</i>
Eastern cottontail	<i>Sylvilagus floridanus</i>
Eastern gray squirrel	<i>Sciurus carolinensis</i>
Eastern mole	<i>Scalopus aquaticus</i>
Eastern pipistrelle	<i>Pipistrellus subflavus</i>
Mink	<i>Mustella vison</i>
Muskrat	<i>Ondatra zibethicus</i>
Northern short-tailed shrew	<i>Blarina brevicauda</i>
Opossum	<i>Didelphis marsupialis</i>
Raccoon	<i>Procyon lotor</i>
Red fox	<i>Vulpes vulpes</i>
River otter	<i>Lutra canadensis</i>
White-tailed deer	<i>Odocoileus virginianus</i>
Woodchuck	<i>Marmota monax</i>