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## AFTERWORD

We hope you have enjoyed your journey! The Historical Societies of Avon and Sheffield Village, in conjunction with the Sheffield Township Trustees, proposed the establishment of a *North Ridge Scenic Byway* in December 2005. By achieving this status it was hoped to engender public awareness of the cultural and natural attributes associated with the Ohio Route 254 corridor through our communities. Preservation of historic buildings and sites along North Ridge has begun, but too late to save several noteworthy structures. *Scenic Byway* designation, granted by the Ohio Department of Transportation in August 2007, has done much to generate interest not only in the preservation of endangered historic buildings, but it has also encouraged the further documentation of the cultural history of our communities. This interest in North Ridge has enhanced an appreciation of our heritage by residents and visitors alike. Our Historical Societies have produced this guidebook to the features that can be viewed from North Ridge to assist travelers with the enjoyment of the *Byway*.

With Avon and Sheffield growing at an increased rate in recent years and the opening of shopping centers on Detroit Road, growth pressure is greater than ever. The choice will be between a five-lane road that is largely commercial and which loses its desirability as a residential location, or of a scenic route, valued by its residents and known throughout the region as an attractive scenic route. In 2003, the citizens of Avon voted to prevent the widening of Detroit Road to more than three lanes and to establish a Landmarks Preservation Commission to protect historic and scenic properties along Detroit Road from certain demolition. Similarly, in 2008, the Sheffield Village Council authorized the Mayor to issue a proclamation establishing the North Ridge Historic District encompassing all of Route 254 within the Village. There is local sentiment in Avon and Sheffield toward preserving North Ridge as a compelling corridor for the traveler in search of pleasing landscapes and a village atmosphere. *Scenic Byway* designation has advanced this cause to safeguard an important part of our heritage.



*Eastern end of the North Ridge Scenic Byway at the Lorain/Cuyahoga County line.*

Office of the Mayor



# Proclamation

**W**hereas:

The Village of Sheffield recognizes the distinctive historic character of Detroit Road and its importance to the cultural values of the Village; and

WHEREAS, this roadway serves as a visible reminder of the history and heritage of the Village; and

WHEREAS, the Village wishes to encourage the preservation the historic character along Detroit Road; and

WHEREAS, this corridor contains a number of historic buildings listed on the National Register of Historic Places, listed on the Ohio Historical Inventory, designated as Century Homes by the Lorain County Historical Society, or awarded Historic Landmark status by the Lorain County Board Commissioners, which add to the scenic beauty of the Village; and

WHEREAS, the Ohio Department of Transportation has designed Detroit Road within the Village as a portion of the NORTH RIDGE SCENIC BYWAY; and

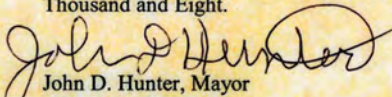
WHEREAS, the Office of the Lorain County Engineer has recently placed a historic plaque commemorating the original construction (1936) and reconstruction (2003) of Garfield Bridge on Detroit Road within the Village; and

WHEREAS, recognition of the historic character of this corridor will promote the educational, cultural, economic, and general welfare of the people of the Village and will foster civic pride in the notable accomplishments of the past;

NOW, the Village of Sheffield hereby proclaims Detroit Road (State Route 254) within the Village from Garfield Bridge to the City of Avon line as the NORTH RIDGE HISTORIC DISTRICT to symbolize the significance of this corridor to our Village.



IN WITNESS WHEREOF, I do hereby set my hand and cause to be affixed the Great Seal of the Village of Sheffield, this 8th day of September, in the year of our Lord Two Thousand and Eight.

  
John D. Hunter, Mayor  
Village of Sheffield

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# **APPENDIXES**

## **APPENDIX A:**

### **CHECKLIST OF VASCULAR PLANTS**

## **APPENDIX B:**

### **CHECKLIST OF FISH**

## **APPENDIX C:**

### **CHECKLIST OF BIRDS**

## **APPENDIX D:**

### **CHECKLIST OF AMPHIBIANS, REPTILES, AND MAMMALS**

**APPENDIX A: CHECKLIST OF VASCULAR PLANTS**  
**Observed in the Vicinity of the North Ridge Scenic Byway**

**HORSETAILS**

	COMMON NAME	ORIGIN
<b>HORSETAILS (Family Equisetaceae)</b>		
<input type="checkbox"/> <i>Equisetum arvense</i> *	field horsetail	N
<input type="checkbox"/> <i>Equisetum hyemale</i> *	tall scouring-rush	N

**FERNS**

<b>ADDER’S-TONGUES (Family Ophioglossaceae)</b>		
<input type="checkbox"/> <i>Botrychium multifidum</i>	leathery grape fern	N (E)
<b>ROYAL FERNS (Family Osmundaceae)</b>		
<input type="checkbox"/> <i>Osmunda regalis</i>	royal fern	N
<b>HAY-SCENTED FERNS (Family Dennstaedtiaceae)</b>		
<input type="checkbox"/> <i>Dennstaedtia punctilobula</i>	hay-scented fern	N
<b>SPLEENWORTS (Family Aspleniaceae)</b>		
<input type="checkbox"/> <i>Asplenium platyneuron</i>	ebony spleenwort	N
<b>WOOD FERNS (Family Dryopteridaceae)</b>		
<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)**

<b>GINKGOS (Family Ginkgoaceae)</b>		
<input type="checkbox"/> <i>Ginkgo biloba</i>	ginkgo or maidenhair tree	C
<b>PINES (Family Pinaceae)</b>		
<input type="checkbox"/> <i>Picea glauca conica dwarf</i>	Alberta spruce	C
<input type="checkbox"/> <i>Picea pungens glauca</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
<b>CYPRESSES (Family Cupressaceae)</b>		
<input type="checkbox"/> <i>Juniperus virginiana</i>	eastern red-cedar	N
<input type="checkbox"/> <i>Thuja occidentalis</i>	arbor vitae	N
<b>YEWS (Family Taxaceae)</b>		
<input type="checkbox"/> <i>Taxus canadensis</i>	Canada yew	N

**ANGIOSPERMS (Flowering Plants)**  
**DICOTYLEDONS (Class Magnoliopsida)**

<b>MAGNOLIAS (Family Magnoliaceae)</b>		
<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 [hybrid cultivar]</i>	“Ricki” magnolia	C
<b>CUSTARD-APPLES (Family Annonaceae)</b>		
<input type="checkbox"/> <i>Asimina triloba</i>	papaw	N

## CHECKLIST OF PLANTS (continued)

	COMMON NAME	ORIGIN
<b>LAURELS (Family Lauraceae)</b>		
<input type="checkbox"/> <i>Lindera benzoin</i>	spicebush or spicewood	N
<input type="checkbox"/> <i>Sassafras albidum</i>	sassafras	N
<b>LIZARD'S TAILS (Family Saururaceae)</b>		
<input type="checkbox"/> <i>Saururus cernuus</i>	lizard's-tail	N
<b>BIRTHWORTS (Family Aristolochiaceae)</b>		
<input type="checkbox"/> <i>Asarum canadense</i>	wild ginger	N
<b>WATER-LILIES (Family Nymphaeaceae)</b>		
<input type="checkbox"/> <i>Nuphar advena</i>	yellow water-lily	N
<input type="checkbox"/> <i>Nymphaea odorata</i>	white water-lily	N
<b>BUTTERCUPS (Family Ranunculaceae)</b>		
<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
<b>BARBERRIES (Family Berberidaceae)</b>		
<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
<b>MOONSEEDS (Family Menispermaceae)</b>		
<input type="checkbox"/> <i>Menispermum canadense</i>	moonseed	N
<b>POPIES (Family Papaveraceae)</b>		
<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
<b>FUMITORIES (Family Fumariaceae)</b>		
<input type="checkbox"/> <i>Dicentra canadensis</i>	squirrel-corn	N
<input type="checkbox"/> <i>Dicentra cucullaria</i>	Dutchman's breeches	N
<b>PLANE-TREES (Family Platanaceae)</b>		
<input type="checkbox"/> <i>Platanus occidentalis</i>	sycamore	N
<input type="checkbox"/> <i>Platanus orientalis</i>	London plane-tree	C
<b>WITCH-HAZELS (Family Hamamelidaceae)</b>		
<input type="checkbox"/> <i>Hamamelis virginiana</i>	witch-hazel	N
<input type="checkbox"/> <i>Liquidambar styraciflua</i>	sweet gum	N

## CHECKLIST OF PLANTS (continued)

ELMS (Family Ulmaceae)	COMMON NAME	ORIGIN
<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
<b>HEMPS (Family Cannanaceae)</b>		
<input type="checkbox"/> <i>Humulus lupulus</i>	common hops	N
<b>MULBERRIES (Family Moraceae)</b>		
<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
<b>NETTLES (Family Urticaceae)</b>		
<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
<b>WALNUTS (Family Juglandaceae)</b>		
<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
<b>BEECHES (Family Fagaceae)</b>		
<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
<b>BIRCHES (Family Betulaceae)</b>		
<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 river</i>	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
<b>POKEWEEDS (Family Phytolaccaceae)</b>		
<input type="checkbox"/> <i>Phytolacca americana</i>	pokeweed or pokeberry	N
<b>CACTI (Family Cactaceae)</b>		
<input type="checkbox"/> <i>Schlumbergera bridgesii</i>	Christmas cactus	C
<b>GOOSEFOOTS (Family Chenopodiaceae)</b>		
<input type="checkbox"/> <i>Atriplex patula</i>	spear-scale orache	A
<input type="checkbox"/> <i>Chenopodium album</i>	lamb's-quarters	A

## CHECKLIST OF PLANTS (continued)

	COMMON NAME	ORIGIN
<input type="checkbox"/> <i>Chenopodium berlandieri</i>	pigweed	N
<b>AMARANTHS (Family Amaranthaceae)</b>		
<input type="checkbox"/> <i>Amaranthus blitoides</i>	tumbleweed	A
<b>PURSLANES (Family Portulacaceae)</b>		
<input type="checkbox"/> <i>Claytonia virginica</i>	spring-beauty	N
<input type="checkbox"/> <i>Portulaca oleracea</i>	common purslane	A
<b>PINKS (Family Caryophyllaceae)</b>		
<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
<b>SMARTWEEDS (Family Polygonaceae)</b>		
<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 pensylvanicum</i> Linnaeus	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
<b>ST. JOHN'S-WORTS (Family Clusiaceae)</b>		
<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
<b>LINDENS (Family Tiliaceae)</b>		
<input type="checkbox"/> <i>Tilia americana</i>	basswood or lynn	N
<b>MALLOWS (Family Malvaceae)</b>		
<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

**CHECKLIST OF PLANTS (continued)**

<b>VIOLETS (Family Violaceae)</b>	<b>COMMON NAME</b>	<b>ORIGIN</b>
<input type="checkbox"/> <i>Viola sororia</i>	common blue violet	N
<input type="checkbox"/> <i>Viola striata</i>	common white violet	N
<b>CUCUMBERS &amp; GOURDS (Family Cucurbitaceae)</b>		
<input type="checkbox"/> <i>Echinocystis lobata</i>	wild cucumber	N
<input type="checkbox"/> <i>Sicyos angulatus</i>	bur-cucumber	N
<b>WILLOWS (Family Salicaceae)</b>		
<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
<b>MUSTARDS (Family Brassicaceae) [= Cruciferae]</b>		
<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
<b>HEATHS (Family Ericaceae)</b>		
<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
<b>INDIAN PIPES (Family Monotropaceae)</b>		
<input type="checkbox"/> <i>Monotropa uniflora</i>	Indian pipe	N



## CHECKLIST OF PLANTS (continued)

PRIMROSES (Family Primulaceae)	COMMON NAME	ORIGIN
<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
<b>HYDRANGEAS (Family Hydrangeaceae)</b>		
<input type="checkbox"/> <i>Philadelphus coronarius</i>	mock orange	C
<b>CURRANTS (Family Grossulariaceae)</b>		
<input type="checkbox"/> <i>Ribes odoratum</i>	buffalo currant	C
<b>STONECROPS (Family Crassulaceae)</b>		
<input type="checkbox"/> <i>Sedum ternatum</i>	wild stonecrop	N
<b>SAXIFRAGES (Family Saxifragaceae)</b>		
<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
<b>ROSES (Family Rosaceae)</b>		
<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>	pruple 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 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

**CHECKLIST OF PLANTS (continued)**

	<b>COMMON NAME</b>	<b>ORIGIN</b>
<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
<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 fragariodes</i>	barren-strawberry	N
<b>CAESALPINIAS (Family Caesalpiniaceae)</b>		
<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
<b>PEAS (Family Fabaceae) [= Leguminosae]</b>		
<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>	panicked 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
<b>OLEASTERS (Family Elaeagnaceae)</b>		
<input type="checkbox"/> <i>Shepherdia canadensis</i>	buffalo-berry	N (E)
<b>LOOSESTRIFES (Family Lythraceae)</b>		
<input type="checkbox"/> <i>Lythrum alatum</i>	wing-angled loosestrife	N
<input type="checkbox"/> <i>Lythrum salicaria</i>	purple loosestrife	A
<b>EVENING-PRIMROSES (Family Onagraceae)</b>		
<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
<b>DOGWOODS (Family Cornaceae)</b>		
<input type="checkbox"/> <i>Cornus amomum</i>	silky dogwood	N
<input type="checkbox"/> <i>Cornus drummondii</i>	rough-leaved dogwood	N

## CHECKLIST OF PLANTS (continued)

	COMMON NAME	ORIGIN
<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
<b>BITTERSWEETS (Family Celastraceae)</b>		
<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
<b>HOLLIES (Family Aquifoliaceae)</b>		
<input type="checkbox"/> <i>Ilex aquiflorum</i>	English holly	C
<input type="checkbox"/> <i>Ilex verticillata</i>	winterberry	N
<b>SPURGES (Family Euphorbiaceae)</b>		
<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
<b>BUCKTHORNS (Family Rhamnaceae)</b>		
<input type="checkbox"/> <i>Rhamnus frangula</i>	glossy buckthorn	A
<b>GRAPES (Family Vitaceae)</b>		
<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
<b>FLAXES (Family Linaceae)</b>		
<input type="checkbox"/> <i>Linum medium</i>	stiff yellow flax	N
<b>BLADDERNUTS (Family Staphyleaceae)</b>		
<input type="checkbox"/> <i>Staphylea trifolia</i>	bladdernut	N
<b>HORSE-CHESTNUTS (Family Hippocastanaceae)</b>		
<input type="checkbox"/> <i>Aesculus glabra</i>	Ohio buckeye	N
<input type="checkbox"/> <i>Aesculus hippocastanum</i>	horse-chestnut	C
<b>MAPLES (Family Aceraceae)</b>		
<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
<b>SUMACS &amp; CASHEWS (Family Anacardiaceae)</b>		
<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

**CHECKLIST OF PLANTS (continued)**

<b>QUASSIAS (Family Simaroubaceae)</b>	<b>COMMON NAME</b>	<b>ORIGIN</b>
<input type="checkbox"/> <i>Ailanthus altissima</i>	tree-of-heaven	A
<b>RUES (Family Rutaceae)</b>		
<input type="checkbox"/> <i>Zanthoxylum americanum</i>	prickly-ash	N
<b>WOOD-SORRELS (Family Oxalidaceae)</b>		
<input type="checkbox"/> <i>Oxalis stricta</i>	common yellow wood-sorrel	N
<b>GERANIUMS (Family Geraniaceae)</b>		
<input type="checkbox"/> <i>Erodium cicutarium</i>	alfilaria	C
<input type="checkbox"/> <i>Geranium carolinianum</i>	Carolina crane's-bill	N
<input type="checkbox"/> <i>Geranium maculatum</i>	wild geranium	N
<input type="checkbox"/> <i>Geranium robertianum</i>	herb Robert	N
<b>MEADOW-FORMS (Family Limnanthaceae)</b>		
<input type="checkbox"/> <i>Floerkea proserpinacoides</i>	false mermaid	N
<b>TOUCH-ME-NOTS (Family Balsaminaceae)</b>		
<input type="checkbox"/> <i>Impatiens capensis</i>	spotted touch-me-not	N
<input type="checkbox"/> <i>Impatiens pallida</i>	pale touch-me-not	N
<b>GINSENGS (Family Araliaceae)</b>		
<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
<b>CARROTS (Family Apiaceae) [= Umbelliferae]</b>		
<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>	honestwort	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
<b>GENTIANS (Family Gentianaceae)</b>		
<input type="checkbox"/> <i>Gentiana andrewsii</i>	bottle gentian	N
<b>DOGBANES (Family Apocynaceae)</b>		
<input type="checkbox"/> <i>Apocynum cannabinum</i>	Indian-hemp	N
<input type="checkbox"/> <i>Vinca minor</i>	periwinkle or myrtle	A
<b>MILKWEEDS (Family Asclepiadaceae)</b>		
<input type="checkbox"/> <i>Asclepias incarnata</i>	swamp milkweed	N
<input type="checkbox"/> <i>Asclepias syriaca</i>	common milkweed	N
<b>NIGHTSHADES (Family Solanaceae)</b>		
<input type="checkbox"/> <i>Datura stramonium</i>	jimsonweed	A
<input type="checkbox"/> <i>Physalis heterophylla</i>	tomatillo or ground-cherry	N

## CHECKLIST OF PLANTS (continued)

	COMMON NAME	ORIGIN
<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
<b>MORNING-GLORIES (Family Convolvulaceae)</b>		
<input type="checkbox"/> <i>Calystegia sepium</i>	hedge bindweed	N
<input type="checkbox"/> <i>Convolvulus arvensis</i>	common or field bindweed	A
<b>DODDERS (Family Cuscutaceae)</b>		
<input type="checkbox"/> <i>Cuscuta gronovii</i>	common dodder	N
<b>PHLOXES (Family Polemoniaceae)</b>		
<input type="checkbox"/> <i>Phlox divaricata</i>	blue phlox	N
<input type="checkbox"/> <i>Phlox paniculata</i>	garden phlox	N
<b>WATERLEAFS (Family Hydrophyllaceae)</b>		
<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
<b>BORAGES (Family Boraginaceae)</b>		
<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
<b>VERBENAS (Family Verbenaceae)</b>		
<input type="checkbox"/> <i>Verbena hastata</i>	blue vervain	N
<input type="checkbox"/> <i>Verbena urticifolia</i>	white vervain	N
<b>MINTS (Family Lamiaceae( [= Labiatae])</b>		
<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
<b>WATER-STARWORTS (Family Callitrichaceae)</b>		
<input type="checkbox"/> <i>Callitriche heterophylla</i>	larger water-starwort	N

**CHECKLIST OF PLANTS (continued)**

<b>PLANTAINS (Family Plantaginaceae)</b>	<b>COMMON NAME</b>	<b>ORIGIN</b>
<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
<b>BUTTERFLY-BUSHES (Family Buddlejaceae)</b>		
<input type="checkbox"/> <i>Buddleja davidii</i>	butterfly-bush	C
<b>OLIVES (Family Oleaceae)</b>		
<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
<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
<b>FIGWORTS (Family Scrophulariaceae)</b>		
<input type="checkbox"/> <i>Dasistoma macrophylla</i>	mullein-foxglove	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
<b>BROOM-RAPES (Family Orobanchaceae)</b>		
<input type="checkbox"/> <i>Conopholis americana</i>	squaw-root	N
<b>TRUMPET-CREEPERS (Family Bignoniaceae)</b>		
<input type="checkbox"/> <i>Campsis radicans</i>	trumpet-vine	N
<b>BELLFLOWERS (Family Campanulaceae)</b>		
<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
<b>MADDERS (Family Rubiaceae)</b>		
<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 circaeazans</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

## CHECKLIST OF PLANTS (continued)

<b>HONEYSUCKLES (Family Caprifoliaceae)</b>	<b>COMMON NAME</b>	<b>ORIGIN</b>
<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
<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
<b>VALERIANAS (Family Valerianaceae)</b>		
<input type="checkbox"/> <i>Valerianella radiata</i>	American corn-salad	C
<b>TEASELS (Family Dipsacaceae)</b>		
<input type="checkbox"/> <i>Dipsacus fullonum</i>	teasel or wild teasel	A
<input type="checkbox"/> <i>Dipsacus laciniatus</i>	cut-leaved teasel	A
<b>SUNFLOWERS (Family Asteraceae) [= Compositae]</b>		
<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

**CHECKLIST OF PLANTS (continued)**

	<b>COMMON NAME</b>	<b>ORIGIN</b>
<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
<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>	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



## CHECKLIST OF PLANTS (continued)

<b>PONDWEEDS (Family Potamogetonaceae)</b>	<b>COMMON NAME</b>	<b>ORIGIN</b>
<input type="checkbox"/> <i>Potamogeton foliosus</i>	leafy pondweed	N
<b>SWEET-FLAGS (Family Acoraceae)</b>		
<input type="checkbox"/> <i>Acorus americanus</i>	American sweet-flag	N
<input type="checkbox"/> <i>Acorus calamus</i>	sweet-flag or calamus	C
<b>ARUMS (Family Araceae)</b>		
<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
<b>DUCKWEEDS (Family Lemnaceae)</b>		
<input type="checkbox"/> <i>Lemna minor</i>	lesser duckweed	N
<b>SPIDERWORTS (Family Commelinaceae)</b>		
<input type="checkbox"/> <i>Commelina communis</i>	Asian dayflower	A
<input type="checkbox"/> <i>Tradescantia ohioensis</i>	smooth or Ohio spiderwort	N
<b>RUSHES (Family Juncaceae)</b>		
<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
<b>SEDGES (Family Cyperaceae)</b>		
<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 glaucodea</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 pensylvanica</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

## CHECKLIST OF PLANTS (continued)

	COMMON NAME	ORIGIN
<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
<b>GRASSES (Family Poaceae) [= Gramineae]</b>		
<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

## CHECKLIST OF PLANTS (continued)

	COMMON NAME	ORIGIN
<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
<input type="checkbox"/> <i>Setaria glauca</i>	yellow foxtail grass	A
<input type="checkbox"/> <i>Setaria</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)
<b>BUR-REEDS (Family Sparganiaceae)</b>		
<input type="checkbox"/> <i>Sparganium americanum</i>	American bur-reed	N
<input type="checkbox"/> <i>Sparganium eurycarpum</i>	giant bur-reed	N
<b>CAT-TAILS (Family Typhaceae)</b>		
<input type="checkbox"/> <i>Typha angustifolia</i>	narrow-leaved cat-tail	A
<input type="checkbox"/> <i>Typha dominiquensis</i>	hybrid cat-tail	A
<input type="checkbox"/> <i>Typha latifolia</i>	broad-leaved cat-tail	N
<b>LILIES (Family Liliaceae)</b>		
<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 lanuginose</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

**CHECKLIST OF PLANTS (continued)**

	COMMON NAME	ORIGIN
<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
<b>AGAVES (Family Agavaceae)</b>		
<input type="checkbox"/> <i>Yucca filamentosa</i>	Adam's-needle or yucca	C
<b>CATBRIERS (Family Smilacaceae)</b>		
<input type="checkbox"/> <i>Smilax herbacea</i>	carrion-flower	N
<input type="checkbox"/> <i>Smilax hispida</i>	bristly greenbrier	N
<b>YAMS (Family Dioscoreaceae)</b>		
<input type="checkbox"/> <i>Dioscorea villosa</i>	wild yam	N
<b>IRISES (Family Iridaceae)</b>		
<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</i>	common blue-eyed-grass	N
<b>ORCHIDS (Family Orchidaceae)</b>		
<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

**APPENDIX B: CHECKLIST OF FISH**  
**in the Black River and French Creek Watersheds**  
**Recorded in the Vicinity of the North Ridge Scenic Byway**

	COMMON NAME
<b>LAMPREYS (Family Petromyzontidae)</b>	
<input type="checkbox"/> <i>Ichthyomyzon unicuspis</i>	silver lamprey
<b>GARS (Family Lepisosteidae)</b>	
<input type="checkbox"/> <i>Lepisosteus osseus</i>	longnose gar
<b>BOWFINS (Family Ammidae)</b>	
<input type="checkbox"/> <i>Amia calva</i>	bowfin
<b>HERRINGS (Family Clupeidae)</b>	
<input type="checkbox"/> <i>Alosa pseudoharengus</i>	alewife
<input type="checkbox"/> <i>Dorosoma cepedianum</i>	gizzard shad
<b>SALMONS AND TROUTS (Family Salmoninae)</b>	
<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
<b>MUDMINNOWS (Family Umbridae)</b>	
<input type="checkbox"/> <i>Umbra limi</i>	central mudminnow
<b>PIKES (Esocidae)</b>	
<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
<b>CARPS AND MINNOWS (Family Cyprinidae)</b>	
<input type="checkbox"/> <i>Campostoma anomalum</i>	stoneroller minno
<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

## CHECKLIST OF FISH (continued)

SUCKERS (Family Catostomidae)	COMMON NAME
<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 erythrurum</i>	golden redhorse
<input type="checkbox"/> <i>Moxostoma macrolepidotum</i>	shorthead redhorse
<b>BULLHEAD CATFISHES (Family Ictaluridae)</b>	
<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
<b>TROUT-PERCHES (Family Percopsidae)</b>	
<input type="checkbox"/> <i>Percopsis olincomaycus</i>	trout-perch
<b>SILVERSIDES (Family Poecillidae)</b>	
<input type="checkbox"/> <i>Labidesthes sicculus</i>	brook silverside
<b>STICKLEBACKS (Family Gasterosteidae)</b>	
<input type="checkbox"/> <i>Culaea inconstans</i>	brook stickleback
<b>TEMPERATE BASSES (Family Percichthyidae)</b>	
<input type="checkbox"/> <i>Morone chrysops</i>	white bass
<input type="checkbox"/> <i>Morone saxatilis</i>	striped bass
<b>SUNFISHES (Family Centrarchidae)</b>	
<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
<b>PERCHES (Family Percidae)</b>	
<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
<b>DRUMS (Family Sclaeinidae)</b>	
<input type="checkbox"/> <i>Aplodinotus grunniens</i>	freshwater drum

**APPENDIX C: CHECKLIST OF BIRDS**  
**Observed in the Vicinity of the North Ridge Scenic Byway**  
**to the South Shore of Lake Erie**

		—ABUNDANCE—				
		Sp	Su	F	W	
COMMON NAME						
<b>LOONS (Family Gaviidae)</b>						
<input type="checkbox"/>	<i>Gavia immer</i>	common loon	U	R	U	O
<b>GREBES (Family Podicipedidae)</b>						
<input type="checkbox"/>	<i>Podilymbus podiceps</i>	pieb-billed grebe	C	U	C	O
<b>CORMORANTS (Family Phalacrocoracidae)</b>						
<input type="checkbox"/>	<i>Phalacrocorax auritus</i>	double-crested cormorant	C	C	C	R
<b>HERONS (Family Ardeidae)</b>						
<input type="checkbox"/>	<i>Ardea albus</i>	great egret	U	U	O	
<input type="checkbox"/>	<i>Ardea herodias</i>	great blue heron	C	C	C	O
<input type="checkbox"/>	<i>Butorides striatus</i>	green-backed heron	U	U	U	
<input type="checkbox"/>	<i>Nycticorax nycticorax</i>	black-crowned night-heron	U	U	U	R
<b>WATERFOWL: DUCKS &amp; SWANS (Family Anatidae)</b>						
<input type="checkbox"/>	<i>Aix sponsa</i>	wood duck	O	O	O	R
<input type="checkbox"/>	<i>Anas acuta</i>	northern pintail	O	R	O	O
<input type="checkbox"/>	<i>Anas americana</i>	American wigeon	O	R	O	O
<input type="checkbox"/>	<i>Anas clypeata</i>	northern shoveler	O	R	O	R
<input type="checkbox"/>	<i>Anas crecca</i>	green-winged teal	O	R	O	R
<input type="checkbox"/>	<i>Anas platyrhynchos</i>	mallard	C	A	A	C
<input type="checkbox"/>	<i>Anas rubripes</i>	American black duck	C	U	C	C
<input type="checkbox"/>	<i>Anas strepera</i>	gadwall	U	R	U	O
<input type="checkbox"/>	<i>Aythya affinis</i>	lesser scaup	C	R	C	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	U	O
<input type="checkbox"/>	<i>Branta canadensis</i>	Canada goose	A	A	A	A
<input type="checkbox"/>	<i>Bucephala albeola</i>	bufflehead	O		O	U
<input type="checkbox"/>	<i>Bucephala clangula</i>	common goldeneye	O		O	O
<input type="checkbox"/>	<i>Chen caerulescens</i>	snow goose	R		O	R
<input type="checkbox"/>	<i>Clangula hyemalis</i>	oldsquaw	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	O	C
<input type="checkbox"/>	<i>Oxyura jamaicensis</i>	ruddy duck	C	R	C	R
<b>AMERICAN VULTURES (Family Cathartidae)</b>						
<input type="checkbox"/>	<i>Cathartes aura</i>	turkey vulture	C	C	C	
<b>BIRDS OF PREY: HAWKS &amp; EAGLES (Family Accipitridae)</b>						
<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	R
<input type="checkbox"/>	<i>Buteo jamaicensis</i>	red-tailed hawk	C	C	C	C
<input type="checkbox"/>	<i>Buteo lagopus</i>	rough-legged hawk	O		O	C
<input type="checkbox"/>	<i>Buteo lineatus</i>	red-shouldered hawk	U	R	U	R
<input type="checkbox"/>	<i>Circus cyaneus</i>	northern harrier [= marsh hawk]	U	R	U	U
<input type="checkbox"/>	<i>Falco columbarius</i>	merlin	O		O	

CHECKLIST OF BIRDS (continued)

		—ABUNDANCE—				
COMMON NAME		Sp	Su	F	W	
<input type="checkbox"/>	<i>Falco peregrinus</i>	peregrine falcon	O	R	O	R
<input type="checkbox"/>	<i>Falco sparverius</i>	American kestrel	C	C	C	C
<input type="checkbox"/>	<i>Haliaeetus leucocephalus</i>	bald eagle	O	O	O	O
<input type="checkbox"/>	<i>Pandion haliaetus</i>	osprey	U	R	U	
<b>GALLINACEOUS BIRDS: PHEASANTS (Family Phasianidae)</b>						
<input type="checkbox"/>	<i>Meleagris gallopavo</i>	wild turkey	C	C	C	C
<input type="checkbox"/>	<i>Phasianus colchicus</i>	ring-necked pheasant	R	R	O	R
<b>RAILS (Family Rallidae)</b>						
<input type="checkbox"/>	<i>Fulica americana</i>	American coot	U	U	U	U
<input type="checkbox"/>	<i>Gallinula chloropus</i>	common moorhen	O	O	O	
<input type="checkbox"/>	<i>Porzana carolina</i>	sora	U	O	U	
<input type="checkbox"/>	<i>Rallus limicola</i>	Virginia rail	O	O	O	
<b>SHOREBIRDS: PLOVERS (Family Charadriidae)</b>						
<input type="checkbox"/>	<i>Charadrius vociferus</i>	killdeer	C	C	C	R
<input type="checkbox"/>	<i>Pluvialis dominica</i>	American golden-plover	U	R	U	
<input type="checkbox"/>	<i>Pluvialis squatarola</i>	black-bellied plover	U	O	U	
<b>SHOREBIRDS: SANDPIPERS (Family Scolopacidae)</b>						
<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	O	U	
<input type="checkbox"/>	<i>Calidris alpina</i>	dunlin	C	O	C	R
<input type="checkbox"/>	<i>Calidris canutus</i>	red knot	O	O	O	
<input type="checkbox"/>	<i>Calidris fuscicollis</i>	white-rumped sandpiper	O	O	O	
<input type="checkbox"/>	<i>Calidris himantopus</i>	stilt sandpiper	O	O	O	
<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	O	R	O	
<input type="checkbox"/>	<i>Gallinago gallinago</i>	common snipe	U	O	U	
<input type="checkbox"/>	<i>Limnodromus griseus</i>	short-billed dowitcher	O	U	U	
<input type="checkbox"/>	<i>Limosa fedoa</i>	marbled godwit	R	R	O	
<input type="checkbox"/>	<i>Phalaropus lobatus</i>	red-necked phalarope	O	R	O	
<input type="checkbox"/>	<i>Phalaropus tricolor</i>	Wilson's phalarope	O	R	O	
<input type="checkbox"/>	<i>Scolopax minor</i>	American woodcock	U	U	O	
<input type="checkbox"/>	<i>Tringa flavipes</i>	lesser yellowlegs	U	O	U	
<input type="checkbox"/>	<i>Tringa melanoleuca</i>	greater yellowlegs	U	O	U	
<b>GULLS &amp; TERNS (Family Laridae)</b>						
<input type="checkbox"/>	<i>Chlidonias niger</i>	black tern	O	O	O	
<input type="checkbox"/>	<i>Larus argentatus</i>	herring gull	A	C	A	A
<input type="checkbox"/>	<i>Larus atricilla</i>	laughing gull	R	O	O	R
<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		U	O
<input type="checkbox"/>	<i>Larus glaucoides</i>	Iceland gull	O		O	U
<input type="checkbox"/>	<i>Larus marinus</i>	great black-backed gull	U	O	U	C
<input type="checkbox"/>	<i>Larus philadelphia</i>	Bonaparte's gull	C	O	A	O



## CHECKLIST OF BIRDS (continued)

		—ABUNDANCE—			
COMMON NAME		Sp	Su	F	W
<input type="checkbox"/>	<i>Larus pipixcan</i>	R	R	O	R
<input type="checkbox"/>	<i>Rissa tridactyla</i>	R		O	O
<input type="checkbox"/>	<i>Sterna caspia</i>	C	O	C	
<input type="checkbox"/>	<i>Sterna forsteri</i>	C	O	C	R
<input type="checkbox"/>	<i>Sterna hirundo</i>	C	O	C	R
<b>DOVES (Family Columbidae)</b>					
<input type="checkbox"/>	<i>Columba livia</i>	C	C	C	C
<input type="checkbox"/>	<i>Zenaida macroura</i>	A	A	A	A
<b>CUCKOOS (Family Cuculidae)</b>					
<input type="checkbox"/>	<i>Coccyzus erythrophthalmus</i>	O	O	O	
<b>OWLS (Family Strigidae)</b>					
<input type="checkbox"/>	<i>Aegolius acadicus</i>	R	R	R	R
<input type="checkbox"/>	<i>Asio flammeus</i>	R		O	O
<input type="checkbox"/>	<i>Bubo virginianus</i>	C	C	C	C
<input type="checkbox"/>	<i>Nyctea scandiaca</i>	R		R	O
<input type="checkbox"/>	<i>Otus asio</i>	C	C	C	C
<input type="checkbox"/>	<i>Strix varia</i>	R	R	R	R
<b>BARN-OWLS (Family Tyonidae)</b>					
<input type="checkbox"/>	<i>Tyto alba</i>	R	R	R	R
<b>GOATSUCKERS &amp; ALLIES (Family Caprimulgidae)</b>					
<input type="checkbox"/>	<i>Caprimulgus vociferus</i>	O	R		
<input type="checkbox"/>	<i>Chordeiles minor</i>	C	C	C	
<b>HUMMINGBIRDS (Family Trochilidae)</b>					
<input type="checkbox"/>	<i>Archilochus colubris</i>	C	C	C	
<b>SWIFTS (Family Apodidae)</b>					
<input type="checkbox"/>	<i>Chaetura pelagica</i>	C	C	C	
<b>KINGFISHERS (Family Alcedinidae)</b>					
<input type="checkbox"/>	<i>Ceryle alcyon</i>	C	C	C	U
<b>WOODPECKERS (Family Picidae)</b>					
<input type="checkbox"/>	<i>Colaptes auratus</i>	C	C	C	O
<input type="checkbox"/>	<i>Melanerpes carolinus</i>	U	U	U	U
<input type="checkbox"/>	<i>Melanerpes erythrocephalus</i>	U	U	U	R
<input type="checkbox"/>	<i>Picoides pubescens</i>	C	C	C	C
<input type="checkbox"/>	<i>Picoides villosus</i>	C	C	C	C
<input type="checkbox"/>	<i>Sphyrapicus varius</i>	U	R	U	R
<b>PERCHING BIRDS</b>					
<b>TYRANT FLYCATCHERS &amp; KINGBIRDS (Family Tyrannidae)</b>					
<input type="checkbox"/>	<i>Contopus cooperi</i>	U	R	O	
<input type="checkbox"/>	<i>Contopus virens</i>	C	C	C	
<input type="checkbox"/>	<i>Empidonax alnorum</i>	O	R	O	
<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	

CHECKLIST OF BIRDS (continued)

		—ABUNDANCE—				
COMMON NAME		Sp	Su	F	W	
<input type="checkbox"/>	<i>Sayornis phoebe</i>	eastern phoebe	C	U	O	R
<input type="checkbox"/>	<i>Tyrannus tyrannus</i>	eastern kingbird	C	C	C	
<b>LARKS (Family Alaudidae)</b>						
<input type="checkbox"/>	<i>Eremophila alpestris</i>	horned lark	C	C	C	C
<b>SWALLOWS (Family Hirundinidae)</b>						
<input type="checkbox"/>	<i>Hirundo rustica</i>	barn swallow	C	C	C	
<input type="checkbox"/>	<i>Progne subis</i>	purple martin	C	C	C	
<input type="checkbox"/>	<i>Riparia riparia</i>	bank swallow	O	O	O	
<input type="checkbox"/>	<i>Stelgidopteryx serripennis</i>	northern rough-winged swallow	C	C	C	
<input type="checkbox"/>	<i>Tachycineta bicolor</i>	tree swallow	C	C	C	R
<b>JAYS &amp; CROWS (Family Corvidae)</b>						
<input type="checkbox"/>	<i>Corvus brachyrhynchos</i>	American crow	C	C	C	C
<input type="checkbox"/>	<i>Cyanocitta cristata</i>	blue jay	A	A	A	A
<b>CHICKADEES (Family Paridae)</b>						
<input type="checkbox"/>	<i>Baeolophus bicolor</i>	tufted titmouse	C	C	C	C
<input type="checkbox"/>	<i>Poecile atricapillus</i>	black-capped chickadee	C	C	C	C
<b>NUTHATCHES (Family Sittidae)</b>						
<input type="checkbox"/>	<i>Sitta carolinensis</i>	white-breasted nuthatch	C	C	C	C
<b>CREEPERS (Family Certhiidae)</b>						
<input type="checkbox"/>	<i>Certhia americana</i>	brown creeper	U	R	U	O
<b>WRENS (Family Troglodytidae)</b>						
<input type="checkbox"/>	<i>Cistothorus palustris</i>	marsh wren	U	U	U	R
<input type="checkbox"/>	<i>Thryothorus ludovicianus</i>	Carolina wren	O	O	O	O
<input type="checkbox"/>	<i>Troglodytes aedon</i>	house wren	C	C	C	
<input type="checkbox"/>	<i>Troglodytes troglodytes</i>	winter wren	C		O	O
<b>GNATCATCHERS (Family Sylviidae)</b>						
<input type="checkbox"/>	<i>Polioptila caerulea</i>	blue-gray gnatcatcher	C	C	C	
<b>KINGLETS (Family Regulidae)</b>						
<input type="checkbox"/>	<i>Regulus calendula</i>	ruby-crowned kinglet	C		C	O
<input type="checkbox"/>	<i>Regulus satrapa</i>	golden-crowned kinglet	C		C	O
<b>THRUSHES (Family Turdidae)</b>						
<input type="checkbox"/>	<i>Catharus fuscescens</i>	veery	U	O	U	
<input type="checkbox"/>	<i>Hylocichla mustelina</i>	wood thrush	C	C	C	
<input type="checkbox"/>	<i>Sialia sialis</i>	eastern bluebird	U	U	U	O
<input type="checkbox"/>	<i>Turdus migratorius</i>	American robin	A	A	A	U
<b>MOCKINGBIRDS (Family Mimidae)</b>						
<input type="checkbox"/>	<i>Dumetella carolinensis</i>	gray catbird	C	C	C	
<b>PIPITS (Family Motacillidae)</b>						
<input type="checkbox"/>	<i>Anthus spinoletta</i>	water pipit	U		U	
<b>WAXWINGS (Family Bombycillidae)</b>						
<input type="checkbox"/>	<i>Bombycilla cedrorum</i>	cedar waxwing	C	C	C	U

## CHECKLIST OF BIRDS (continued)

		—ABUNDANCE—			
COMMON NAME		Sp	Su	F	W
<b>SHRIKES (Family Laniidae)</b>					
<input type="checkbox"/>	<i>Lanius excubitor</i>	northern shrike	R		R O
<b>STARLINGS (Family Sturnidae)</b>					
<input type="checkbox"/>	<i>Sturnus vulgaris</i>	European starling	A	A	A A
<b>VIREOS (Family Vireonidae)</b>					
<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	O	O	O
<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
<b>WOOD-WARBLERS (Family Parulidae)</b>					
<input type="checkbox"/>	<i>Dendroica caerulescens</i>	black-throated blue warbler	U		U
<input type="checkbox"/>	<i>Dendroica castanea</i>	bay-breasted warbler	C		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	O		
<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	O		C
<input type="checkbox"/>	<i>Dendroica virens</i>	black-throated green warbler	U		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
<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	O	O	O
<input type="checkbox"/>	<i>Seiurus aurocapillus</i>	ovenbird	U	U	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
<b>TANAGERS (Family Thraupidae)</b>					
<input type="checkbox"/>	<i>Piranga olivacea</i>	scarlet tanager	U	U	U
<b>CARDINALS (Family Cardinalidae)</b>					
<input type="checkbox"/>	<i>Cardinalis cardinalis</i>	northern cardinal	C	C	C C
<input type="checkbox"/>	<i>Passerina cyanea</i>	indigo bunting	C	C	C
<input type="checkbox"/>	<i>Pheucticus ludovicianus</i>	rose-breasted grosbeak	U	U	U
<b>AMERICAN SPARROWS (Family Emberizidae)</b>					
<input type="checkbox"/>	<i>Ammodramus savannarum</i>	grasshopper sparrow	O	U	O
<input type="checkbox"/>	<i>Calcarius lapponicus</i>	Lapland longspur	O		O O

**CHECKLIST OF BIRDS (continued)**

		—ABUNDANCE—				
COMMON NAME		Sp	Su	F	W	
<input type="checkbox"/>	<i>Junco hyemalis</i>	dark-eyed junco	C		C	C
<input type="checkbox"/>	<i>Melospiza georgiana</i>	swamp sparrow	U	O	U	O
<input type="checkbox"/>	<i>Melospiza melodia</i>	song sparrow	C	C	C	C
<input type="checkbox"/>	<i>Passerculus sandwichensis</i>	Savannah sparrow	U	O	U	R
<input type="checkbox"/>	<i>Pipilo erythrophthalmus</i>	eastern towhee	C	C	C	R
<input type="checkbox"/>	<i>Plectrophenax nivalis</i>	snow bunting	O		C	U
<input type="checkbox"/>	<i>Spizella arborea</i>	American tree sparrow	C		U	C
<input type="checkbox"/>	<i>Spizella passerina</i>	chipping sparrow	U	C	U	
<input type="checkbox"/>	<i>Spizella pusilla</i>	field sparrow	C	C	C	R
<input type="checkbox"/>	<i>Zonotrichia albicollis</i>	white-throated sparrow	C	R	C	U
<input type="checkbox"/>	<i>Zonotrichia leucophrys</i>	white-crowned sparrow	U		U	O
<b>BLACKBIRDS &amp; ORIOLES (Family Icteridae)</b>						
<input type="checkbox"/>	<i>Agelaius phoeniceus</i>	red-winged blackbird	A	A	A	U
<input type="checkbox"/>	<i>Dolichonyx oryzivorus</i>	bobolink	U	C	U	
<input type="checkbox"/>	<i>Euphagus carolinus</i>	rusty blackbird	U		U	O
<input type="checkbox"/>	<i>Icterus galbula</i>	Baltimore oriole	O	O	O	
<input type="checkbox"/>	<i>Icterus spurius</i>	orchard oriole	U	U	O	
<input type="checkbox"/>	<i>Molothrus ater</i>	brown-headed cowbird	C	C	C	O
<input type="checkbox"/>	<i>Quiscalus quiscula</i>	common grackle	A	A	A	O
<input type="checkbox"/>	<i>Sturnella magna</i>	eastern meadowlark	C	C	C	O
<b>FINCHES &amp; ALLIES (Family Fringillidae)</b>						
<input type="checkbox"/>	<i>Carduelis tristis</i>	American goldfinch	C	C	C	C
<input type="checkbox"/>	<i>Carpodacus mexicanus</i>	house finch	A	A	A	A
<input type="checkbox"/>	<i>Carpodacus purpureus</i>	<i>purple finch</i>	U	O	U	U
<input type="checkbox"/>	<i>Coccothraustes vespertinus</i>	evening grosbeak	O		O	O
<b>OLD WORLD SPARROWS (Family Passeridae)</b>						
<input type="checkbox"/>	<i>Passer domesticus</i>	house sparrow	A	A	A	A

**SEASONAL DESIGNATIONS:**

- Sp— Spring (March-May)
- Su— Summer (June-August)
- F— Fall (September-November)
- W— Winter (December-February)
- R— Rare

**ABUNDANCE CODES:**

- A— Abundant
- C— Common
- O— Occasional
- U— Uncommon

**APPENDIX D:  
CHECKLIST OF AMPHIBIANS, REPTILES, AND MAMMALS  
Observed in the Vicinity of the North Ridge Scenic Byway**

**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

**CHECKLIST OF AMPHIBIANS, REPTILES AND MAMMALS (continued)**

**SOFTSHELL TURTLES (Family Trionychidae)      COMMON NAME**

*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 (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

**CHECKLIST OF AMPHIBIANS, REPTILES AND MAMMALS (continued)**

**SQUIRRELS (Family Sciuridae)**

- Glaucomys volans*
- Marmota monax*
- Sciurus carolinensis*
- Sciurus niger*
- Tamias striatus*
- Tamiasciurus hudsonicus*

**BEAVERS (Family Castoridae)**

- Castor canadensis*

**RATS, MICE & VOLES (Family Muridae)**

- Peromyscus leucopus*
- Peromyscus maniculatus*
- Microtus pennsylvanicus*
- Ondatra zibethicus*
- Synaptomys cooperi*
- Mus musculus*
- Rattus norvegicus*

**JUMPING MICE (Family Dipodidae)**

- Zapus hudsonius*

**DEER (Family Cervidae)**

- Odocoileus virginianus*

**COMMON NAME**

- southern flying squirrel
- woodchuck or groundhog
- gray squirrel
- fox squirrel
- eastern chipmunk
- red squirrel
  
- beaver
  
- white-footed mouse
- deer mouse
- meadow vole or field mouse
- muskrat
- southern bog lemming
- house mouse
- Norway rat or common rat
  
- meadow jumping mouse
  
- white-tailed deer

## GLOSSARY

A glossary is presented here in an attempt to clarify the definitions of architectural terms applied to structures within the *North Ridge Scenic Byway* corridor. The glossary consists of terminology for architectural styles (Part 1) and architectural elements (Part 2) used in this guide. The definitions contained in this glossary have been modified for use herein from the following sources: Bang (2005), Benjamin (1845), Blumenson (1981), Calloway and Cromley (1996), Campen (1971), Drury (1947), Foley (1980), Francaviglia (1988-1989), Frary (1936), Gowans (1992), Hamlin (1953), Harrison (1998), Kitchen (1983), Lafever (1833), McAlester and McAlester (1997), McGinnis (1977), McKee (1970), Newcomb (1950), O'Donnell (1922-1924), Page (1976), Pool (1980), Rhodes (1993), Rifkind (1980), Talcott (1993), Ware (2002), and Wilhelm and Noble (1996).

### PART 1. GLOSSARY OF ARCHITECTURAL STYLES

The majority of historic houses and other buildings in Avon and Sheffield are loosely modeled on one of four principal architectural traditions: Ancient Classical, Renaissance Classical, Medieval, or Modern (McAlester and McAlester 1997). The earliest, the Ancient Classical tradition is based on the monuments of early Greece and Rome. The closely related Renaissance Classical tradition stems from a revival of interest in classicism during the Renaissance, which began in Italy during the 15th century. The third tradition, the Medieval, separates the two classical traditions somewhat in time, and is based in the formal Gothic style used in churches in the Middle Ages, as well as simpler domestic buildings of the same era. Most of the Medieval architecture that influenced American homes originated in England and France. The fourth tradition, the Modern movement, began in the late 19th century and continues to the present. This tradition is based primarily on a lack of applied ornamentation and a resulting external simplicity, as well as on spatial variations made possible by new construction materials and techniques.



**CLASSIFICATION OF BUILDING STYLES IN SHEFFIELD AND AVON  
BASED ON ARCHITECTURAL TRADITIONS**

Each tradition has produced several different styles of American houses as illustrated in the following classification scheme.

**ANCIENT CLASSICAL TRADITION**

Greek Revival (1825-1860)  
Neoclassical (1895-1950)

**RENAISSANCE CLASSICAL TRADITION**

Federal [Adam] (1780-1820)  
Italianate (1840-1885)  
Italian Renaissance (1890-1935)  
Colonial Revival (1880-1955)  
Georgian Revival (1890-1920)  
Dutch Colonial Revival (1890-1920)

**MEDIEVAL TRADITION**

Gothic Revival (1850-1900)  
Queen Anne (1880-1910)  
Shingle (1880-1900)  
Folk Victorian (1870-1910)  
Eastlake (1870-1890)  
Richardsonian Romanesque (1880-1900)  
Tudor Revival (1890-1940)

**MODERN TRADITION**

Arts & Crafts Movement (1900-1940)  
Craftsman (1900-1930)  
Bungalow (1900-1940)  
Machine Age Movement (1920-present)  
Moderne (1920-1940)  
Ranch (1935-1975)

**CHRONOLOGICAL CLASSIFICATION OF BUILDING STYLES IN SHEFFIELD AND AVON  
BASED ON ARCHITECTURAL PERIODS**

The foregoing traditions have been interpreted and re-interpreted during several different building eras or architectural periods, resulting in several different styles of American houses in each period.

**COLONIAL PERIOD (1600-1820)**

Federal [Adam] (1780-1820)

**ROMANTIC PERIOD (1820-1880)**

Greek Revival (1825-1860)  
Italianate (1840-1885)  
Gothic Revival (1850-1900)

**VICTORIAN PERIOD (1860-1910)**

French Second Empire (1860-1885)  
Queen Anne (1880-1910)  
Shingle (1880-1900)  
Folk Victorian (1870-1910)  
Eastlake (1870-1890)

**ECLECTIC PERIOD (1880-present)**

Colonial Revival (1880-1955)  
Cape Cod (1880-1955)  
Georgian Revival (1890-1920)  
Dutch Colonial Revival (1890-1920)  
Neoclassical (1895-1950)  
Tudor Revival (1890-1940)  
Italian Renaissance (1890-1935)  
Arts & Crafts Movement (1900-1940)  
Prairie (1900-1920)  
Craftsman (1900-1930)  
Bungalow (1900-1940)  
Machine Age Movement (1920-present)  
Moderne (1920-1940)  
Ranch (1935-1975)

**ARTS AND CRAFTS MOVEMENT (1900-1940)**

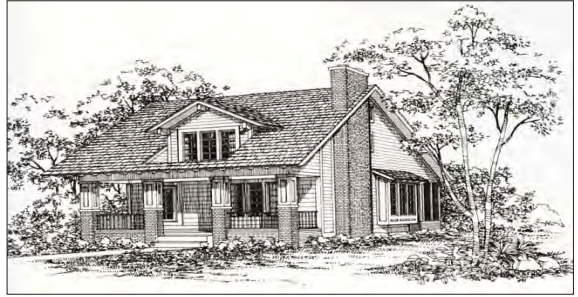


*Drawing from McAlester and McAlester 1997.*

The Arts and Crafts movement sought, in the midst of the grim industrialization of the late 19th century, to create new and more beautiful environments in which people might live and delight in fine craftsmanship wrought with intrinsically attractive building materials (Calloway and Cromley 1996). William Morris (1834-1896) is the British designer most closely associated with the founding of the Arts and Crafts movement. The influence of the English prototypes on American Arts and Crafts was tempered by the impact of the traditional domestic building of Japan. The integrated interior spaces and horizontality of Japanese houses strongly influenced the designs of Frank Lloyd Wright (1869-1959). Some of the identifying features of this style include:

- overhanging eaves
- red brick with white woodwork
- external use of wood for shingle cladding verandas, and decorative façade details
- tile-decorated façade
- porches and oriel windows
- horizontal bands of leaded windows

**BUNGALOW (1900–1940)**



*Drawing from Talcott 1993.*

The typical bungalow is a one-story house with gently pitched, broad gables. The lower gable usually covers an open or screened porch and the larger gable covers the main portion of the house. In larger bungalows the gable is steeper, with intersecting cross gable or dormers. Rafters, ridge beams, and purlins extend beyond the wall and roof. Chimneys are commonly exterior to the house and composed of rubble, cobblestone, or rough-faced brick. Wood shingles are the favored exterior finish, although many are stucco or brick. Windows are either sash or casement with single panes of glass or multipaned. Porch posts and piers are often tapered and terminate with a flared base. Other identifying features of this style include:

- gabled roof facing the front of the house
- shed-type dormers
- wide window openings
- sun porch common
- small windows flanking chimney

## COLONIAL REVIVAL (1880-1955)



*Drawing from Rhodes 1993.*

Colonial was the style of architecture of the eastern United States while it was still a colonial territory of Great Britain (above). In ordinary usage, the term Colonial refers to the architectural style of the Georgian period (1720-1780).

The Colonial Revival house is often a combination of various Colonial styles and contemporary elements. Generally the Revival house is larger than the Colonial counterpart and some elements are exaggerated. This nostalgic style usually contains the following identifying features:

- front door accented with decorative crown
- façades symmetrically balanced
- windows with double-hung sashes
- windows frequently in adjacent pairs or triples; multipaned glazing
- slate tile roof

**Cape Cod** houses and cottages are smaller subsets of the Colonial Revival style, loosely based on early wooden folk houses of eastern Massachusetts. Cape Cod cottages are generally one-story homes with steep roof pitch and small front dormers.

## CRAFTSMAN (1900-1930)



*Drawing from McAlester and McAlester 1997.*

Within the Arts and Crafts movement, the Craftsman style is commonly used in conjunction with the Colonial Revival style. A front-gabled roof is the most common expression of this architectural style. Porches are either full- or partial-width across the front of the house and can be sheltered beneath the main roof or under separate, extended roofs. Most houses are one-story, but one-and-a-half and two stories are not uncommon. Dormers are rare. This practical and open style often contains the following identifying features:

- low-pitched, gable roof (occasionally hipped), with wide, unenclosed eave overhang
- roof rafters usually exposed
- decorative beams or braces under gables
- porch support bases extending to ground level (without break at porch floor level)
- porch supports usually squared and sometimes slanted inward

**DUTCH COLONIAL REVIVAL (1890-1920)**



*Drawing from Talcott 1993.*

Although the Dutch governed the lower Hudson River valley area of New York and New Jersey for less than 50 years, the Dutch Colonial style influenced this area’s architecture for over 200 years (Burchard et al. 1974). The Dutch immigrated with the intention of making “New Netherlands” as much as possible like the motherland. Many of the colonists were expert craftsmen, some of Europe’s most skilled brickmakers and bricklayers. The early 18<sup>th</sup> century Dutch Colonial house, built in brick or stone, is covered by a steeply pitched gable or gambrel roof that flares at the eaves beyond the front and rear of the house forming a deep overhang. The straight-sided gables are commonly finished with parapets raised on elbows. The Dutch Colonial style was revived in American suburbs of the early 20<sup>th</sup> century with varying degrees of fidelity to the prototype. This revival often contains the following identifying features:

- steeply pitched roof that typically flares at the eaves
- large roof overhang
- tabular projection of the gable above the roof ridge
- gable end chimney
- wide horizontal siding boards
- board and batten shutters

**EASTLAKE (1870–1890)**



*Drawing from Foley 1980.*

Eastlake is a popular decorative style of ornamentation found on houses of various other styles, such as Victorian Stick (above), Gothic Revival, and Queen Anne. This style is named for Charles Locke Eastlake (1833–1906), an English interior designer (Blumenson 1981). However, the entire house can be termed Eastlake, as well. Identifying elements of this decoration style include:

- porch posts, railings, balusters, and pendants characterized by a massive and robust quality
- large curved brackets, scrolls, and other stylized elements placed on corners, returns, and projections along the façade
- perforated gables and pediments, carved panels, and a profusion of spindles and lattice work along porch eaves
- exaggerated dimensional quality

**FEDERAL (1780-1820)**

*Drawing from Francaviglia 1988-1989.*

The Federal or Adam style is typified by a low-pitched roof, smooth façade, large glazed areas and elliptical fanlight with flanking sidelights. Homes of this style are commonly a simple box, two or more rooms deep, with doors and windows arranged in strict symmetry. Frequently the box is modified by projecting wings or attached rooms. These attachments were typically used as kitchen and dining areas. The austere, but elegant, exterior often cloaked a very decorative interior. Other identifying Federal style features include:

- lintel-type window heads
- elliptical arch over a small porch
- louvered shutters
- thin corner boards
- smooth brick finish with fine joints
- tripart windows often framed in recessed arches

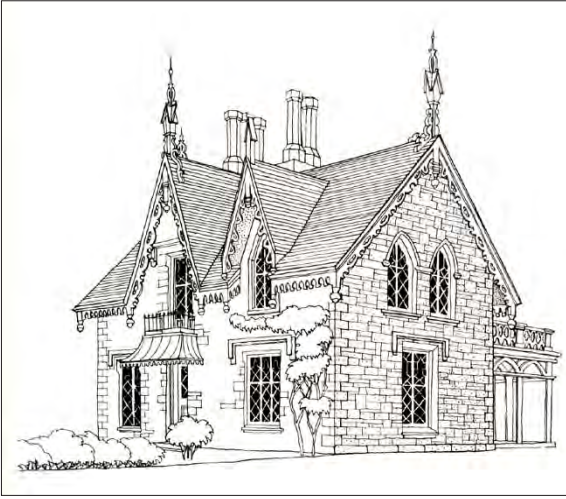
**GEORGIAN REVIVAL (1890-1920)**

*Drawing from Rhodes 1993.*

The Georgian house, often brick, is characterized by a formal arrangement of parts employing a symmetrical composition enriched with classical detail. Often the façade is emphasized by a pedimented projecting pavilion with monumental pilasters and columns, and arched windows. Sliding sash windows are common, with each sash having several lights using as few as 6 or as many as 20 panes of glass in each sash (Blumenson 1981). This dignified and spacious style, including its Revival generally contains the following identifying features:

- square, symmetrical shape
- gable or hip roof
- main entrances emphasized with columns, pilasters, and broken pediment
- decorative crown over door
- decorative flattened columns (pilasters) on each side of door
- paired chimneys
- windows with double hung sashes, typically with 6 to 12 small panes per sash
- cornice emphasized by decorative moldings, most commonly with tooth-like dentils
- Palladian motif used for doorway and window openings

**GOthic REVIVAL (1850–1900)**



*Drawing from Foley 1980.*

The popular Gothic Revival style was used for everything from picturesque timber cottages (Steamboat Gothic) to stone castles. Characteristics of the Gothic cottage and villa are steeply pitched roofs, wall dormers, polygonal chimney pots, hoodmolds over the windows, and a curvilinear gingerbread trim along the eaves and gable edges. The exterior of Gothic Revival buildings are finished with vertical planks and narrow strips in the board and batten technique. This fanciful, mystic style commonly contains the following identifying features:

- wall surface extending into gable without break
- steeply pitched roof; usually with steep cross gables
- windows extending into gable, often with Gothic (pointed-top) shapes
- one-story entry or full-width porch, commonly with flattened Gothic arches
- gables with decorative vergeboards

**GREEK REVIVAL (1825–1860)**



*Drawing from Wilhelm and Noble 1996.*

The early builders in the Western Reserve were deeply indebted to books of design for help in preparing their plans for houses, particularly those built in the Classical (Greek and Roman) style. Numerous examples exist of designs originally published in the books of Asher Benjamin (1816, 1845, 1849) and those of Minard Lafever (1833, 1849). The Greek Revival style is an adaptation of the classic Greek temple front, employing details of either the Doric, Ionic, or Corinthian order. This graceful style typically contains some of the following identifying features:

- columns supporting a full entablature and a low pitch pediment
- many houses without Greek temple front
- rectangular transom over the door, often broken by two engaged piers flanked by sidelights
- pediment-shaped window head
- quarter-round attic lights
- entablature and return
- symmetrical building form with several chimneys (including some false chimneys for symmetry)

**ITALIAN RENAISSANCE (1890-1935)**

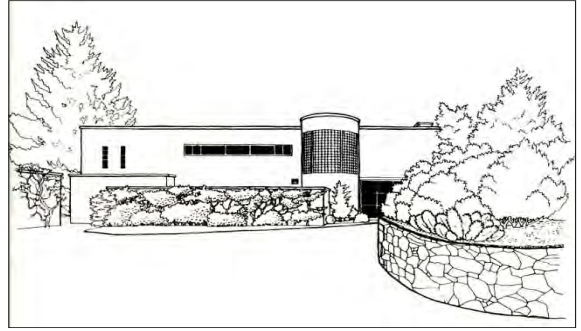
This Italian Revival style has a low-pitched hip roof that is typically covered by ceramic tiles. The upper-story windows are smaller and less elaborate than windows below. Arches are commonly placed above door, first-story windows, or porches. Entrance areas are usually accented by small classical columns or pilasters. The façade is most commonly symmetrical.

**ITALIANATE (1840–1885)**

*Drawing from Francaviglia 1988-1989.*

This style is a rectangular, almost square, two- or three-story house with very wide eaves usually supported by large brackets, tall narrow first floor windows, and a low-pitched hip roof commonly topped with a cupola. Pronounced moldings and other details often accentuate the formal balance of the house. This elegant style typically contains some of the following identifying features:

- round and segmental arched windows with decorative “eyebrows”
- raked (slanted) capitals on the corner pilasters
- enriched overdoor
- a stringcourse
- rusticated quoins
- bracketed cornice
- double doors with glass panels

**MODERNE (1920-1940)**

*Drawing from Foley 1980.*

Soft or rounded corners, flat roofs, smooth wall finish without surface ornamentation, and horizontal bands of windows create a distinctive streamlined or “wind-tunnel” look which characterizes the Moderne or Art Moderne style of the early- to mid-20th century. The streamlined effect is emphasized in the use of curved window glass and glass blocks that warp around corners. This streamlined, futuristic style contains the following identifying features:

- surfaces of concrete, stucco, or metal
- horizontal rectangular container of interior space
- façades asymmetrically composed
- dramatic rounded corners, semicircular bays, and other details suggesting motion
- streamlined and curved forms
- small round windows reminiscent of portholes on yachts or ocean liners
- metal window frames and doors

NEOCLASSICAL (1895–1950)



*Drawing from Rhodes 1993.*

Neoclassicism is based on primarily the Greek and, to a lesser degree, the Roman architectural orders. This style is distinguished by symmetrically arranged buildings of monumental proportions finished with a smooth or polished stone surface and reflects the prevailing vogue for classical forms in the first decades of the 20th century. In addition to its use in massive buildings requiring a grand scale, the Neoclassical style is evident in middle-class houses all across the United States and Canada. In house design, this style contains the following identifying features:

- Doric and Ionic porch columns
- classical pediment supporting a porch roof
- semicircular gable windows
- asymmetrical form with low pitched roof
- large windows with louvered shutters
- façade shows symmetrically balanced windows and center door

QUEEN ANNE (1880-1910)



*Drawing from Rhodes 1993.*

This style is quite varied and decoratively rich. The asymmetrical composition consists of a variety of forms, textures, materials, and colors. Architectural components include towers, turrets, tall chimneys, projecting pavilions, porches, bays, and encircling verandas. The Queen Anne Victorian is a romantic and exuberant style that contains the following identifying features:

- steeply pitched roof of irregular shape, usually with a front-facing gable
- textured shingles and/or other devices to avoid smooth-walled appearance
- asymmetrical façade, often with Eastlake style enhancements
- partial or full-width asymmetrical porch, usually one story high and extending along front and one or both side walls
- multi-planed and multi-gable roof
- decorative detailing includes: spindlework, classical columns, gingerbread ornamentation, patterned brickwork and stonework, and palladian windows



**RANCH (1935-1975)**

Loosely based on Spanish Colonial precedents of the Southwest, these houses are one-story asymmetrical structures with low-pitched roofs. Built-in garages are integral parts of most Ranch houses. Some have a “rambling form,” constructed with either or both wooden or brick wall cladding.

**TUDOR REVIVAL (1890-1940)**

*Drawing from Rhodes 1993.*

The English Tudor house was large, livable structure with a flexible plan. It had many chimneys and large fireplaces with complete freedom in the arrangement of rooms. The Tudor Revival architectural style is typified by having steeply pitched gable or hipped roofs, exposed beams, and front-facing gables. This style possesses the following other identifying features:

- façade dominated by one or more prominent cross gables, at times with half-timbering
- massive chimneys, commonly crowned by decorative chimney pots
- tall, narrow windows, often in groups and with multipane glazing
- steeply pitched roof, usually side-gabled
- entry has rounded to low elliptical arch or flattened, pointed (Tudor) arch

**VERNACULAR (1820-1950)**

*Drawing from Rhodes 1993.*

The term “Vernacular” is a much-disputed one, and in the United States is best understood to embrace a number of different types of architecture: (1) buildings produced for a lower budget than those in high style, and therefore exhibiting notable ethnic or regional characteristics, (2) buildings made by traditional methods for rural or provincial clients, and (3) buildings in which ethnic or regional traditions merge with current styles to create interesting hybrids (Calloway and Cromley 1996). In the Vernacular house there is likely to be a mix: some new ideas and some traditional ones. Thus, this term pertains to a style of construction whose appearance reflects local popular taste or limitations of local resources of building materials, workmanship, etc. The Vernacular architectural style is considered as an expression of the commonest forms, materials, and decorations of a particular place, period, or group of people. For Lorain County, Vernacular style houses typically contain the following identifying features:

- wood framed farmhouses with clapboard siding
- one- and two-story, gable roof house
- some with a front or side porch, others with a front vestibule
- single chimney
- windows with double-hung sashes and some with large “picture” windows

**VICTORIAN (1860-1910)**



*Drawing from Rhodes 1993.*

This architectural style was common during the reign of Queen Victoria (1838-1901). In ordinary usage, Victorian refers to the architectural style of the later half of the 19th century, characterized by Gothic, Italian, and French influences. A polychromatic exterior finish distinguishes Victorian Gothic. Materials of differing colors and textures are juxtaposed, creating decorative bands highlighting corners, arches, and arcades. Straight-headed openings (horizontal lintel) are used in addition to traditional Gothic (pointed arch) windows and doors. Folk Victorian (above), a whimsical yet simple style, commonly exhibits the following identifying features:

- symmetrical façade (except gable-front-and wing version)
- porches with flat, jigsaw trim in a variety of patterns or spindlework
- cornice-line brackets
- many with spindles, gingerbread, and details adapted from Gothic Revival style
- cast-iron lace work that hides galvanized roofing
- low-pitched, pyramid-shaped roof
- front gable and side wings

**Shingle** is a subset of Victorian style typified by a uniform covering of wood shingles, often unpainted, from the roof to the foundation wall.

**WESTERN RESERVE (1990-2010)**



*Spitzer Building—4850 Transportation Drive.*

This architectural style is a recent incarnation of the Colonial Revival-style that is popular for commercial and public buildings in Sheffield and Avon. Brick, either red or pale buff colors, is the exterior material of choice. Clock towers, cupolas, and dormers on front and side gables are often used to accent the exterior. Gables are typically constructed of wood and painted white. The entrance way is often covered with a gable porch roof supported by doric columns. Squared, stone quoins are used to reinforce and accent for corners of some buildings of this style. These structure rarely exceed two stories in height and most can be considered as a story and a half. Fan and small circular windows are commonly placed in the center of the gable walls. The interior of these buildings are designed to accommodate the particular modern commercial or public function of the business or agency occupying the building.

- brick construction
- one or two stories
- front and side gables
- lack of elaborate ornamentation
- clock towers and cupolas for accent
- columned porches and entrance ways
- fanlights and circular windows in gable walls
- functional interior

## PART 2. GLOSSARY OF ARCHITECTURAL ELEMENTS

**ARCHITRAVE**

The molded frame around a door or window opening; in Classical (Greek and Roman) architecture, the lowermost member of an entablature (see page 150).

**ASHLAR**

Stonework formed of cut rectangular pieces, laid either so as to form a continuous course the entire length of a wall (coursed ashlar) or so as to combine stones of various sizes (random ashlar), in either case without thick or irregular mortar joint.

**BALUSTER**

A short post supporting a railing; the railing and its baluster are known as a balustrade.

**BOARD AND BATTEN**

Vertical siding, particularly on barns, consisting of flat members with narrow projecting strips to cover the joints.

**CAPITAL**

The uppermost part of a column, pilaster, or other vertical support member.

**CASEMENT**

A window frame hinged on one side so that it swings out or in to open.

**CHANNELING**

A system of grooves, immediately joining one another, that form the surface of a Doric order column.

**CHIMNEY POT**

A cylindrical or prismatic pipe of earthenware or metal placed at the top of a chimney to increase the draft and carry off the smoke.

**CLAPBOARD**

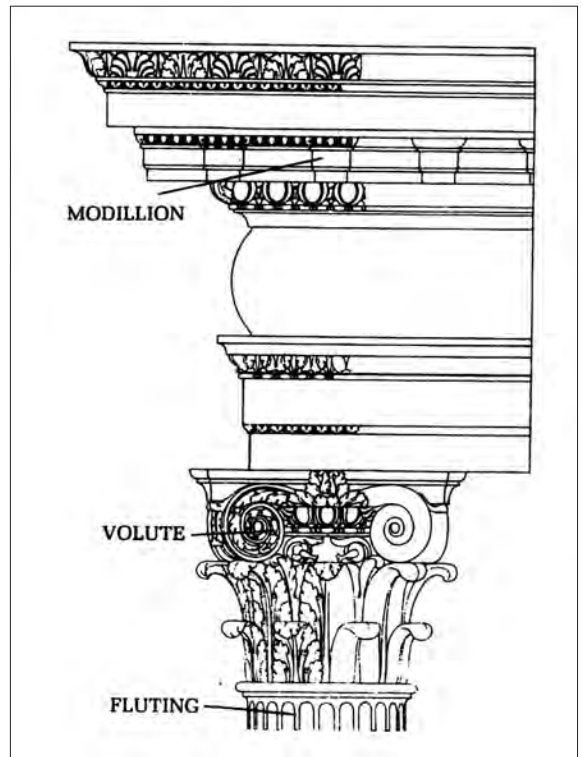
A type of siding for a wooden building composed of horizontal boards, tapered at the upper edge and laid so as to cover a portion of a similar board underneath and to be partly covered by a similar one above.

**COLUMN**

A vertical support, usually cylindrical in shape, normally having 3 parts (from bottom to top): base, shaft, and capital.

**COMPOSITE ORDER**

An order of Roman architecture similar to Corinthian, but having Ionic volutes as on feature of its capital.



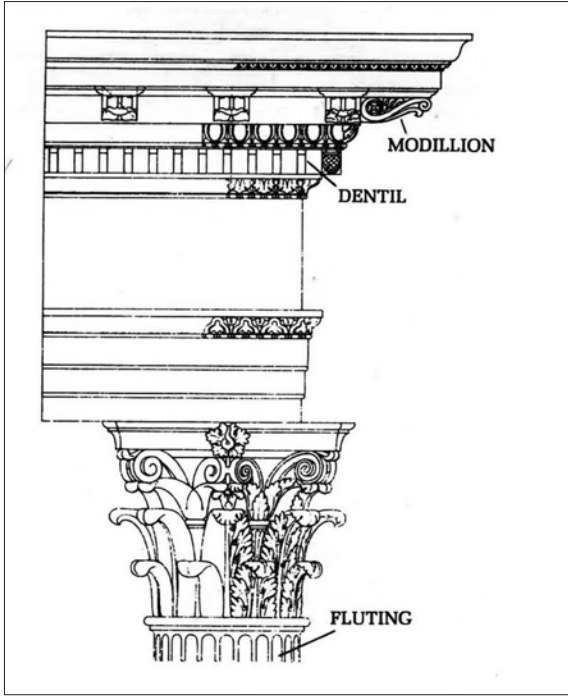
*Drawing from Campen 1971.*

**CORBEL**

A support produced by extending successive masonry units out from the wall surface.

**CORINTHIAN ORDER**

An order of Greek or Roman architecture typically characterized by: (1) a slender, fluted column with a capital suggesting clustered acanthus leaves, (2) an architrave in three levels, (3) a frieze that is often richly decorated, and (4) a cornice supported by dentils and modillions.



*Drawing from Campen 1971.*

**CORNICE**

A decoratively treated horizontal member intended to carry the eaves of a roof beyond the outer surface of a wall; a purely decorative architectural molding along the top of a wall or building; crown molding; in Classical (Greek and Roman) architecture, the projecting top of an entablature (see page 150).

**CUPOLA**

A small, usually domed structure formed, bounded, or characterized by curved lines surmounting a roof. In Victorian architecture, a lantern on a roof.

**CURVILINEAR**

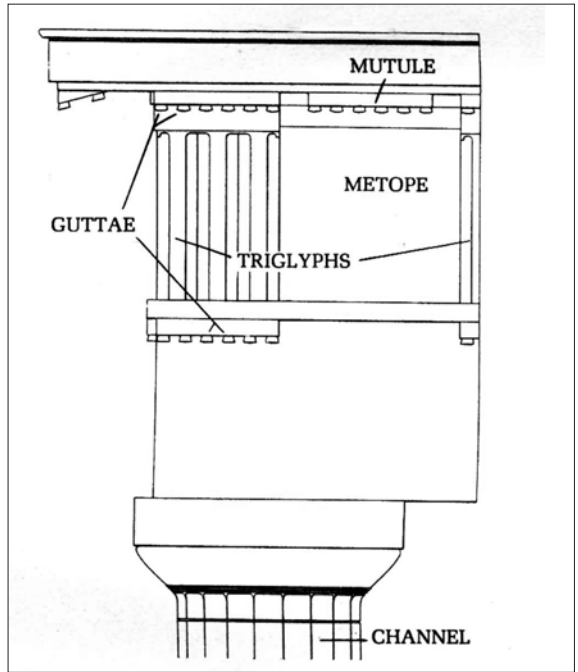
Formed, bounded, or characterized by curved lines.

**DENTIL**

A row of small rectangular blocks forming a molding; a cornice or other member having this molding is called denticular.

**DORIC ORDER**

An order of Greek or Roman architecture typically characterized by a stout channeled column (without a base in Grecian Doric) and a capital spare and unornamented, supporting an entablature consisting of: (1) a plain architrave, (2) a frieze consisting of blocks incised vertically (triglyphs) and panels which are often ornamented (metopes), and (3) a cornice supported by horizontal slabs (mutules) which usually have small conical objects (guttae) on their underside.



*Drawing from Campen 1971.*

**DORMER**

A roof projection set into the slope of a roof, usually containing a window; a shelter for a window opening in a sloping roof.

**DOUBLE-HUNG SASH**

A window constructed of an upper and lower sash so that the lower sash can slide upward past the upper sash to open the window.

**ELBOW**

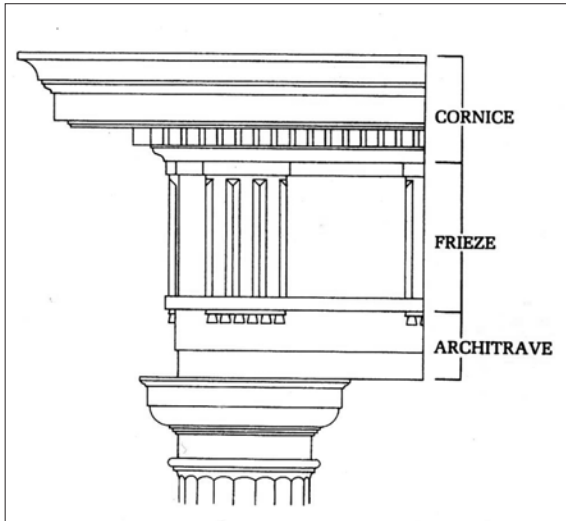
A bend or projection in a building or a wall.

**EAVES**

The part of a sloping roof that projects beyond a wall.

**ENTABLATURE**

In Classical (Greek and Roman) architecture, a 3-part horizontal member originally supported by columns, consisting of (from bottom to top) an architrave (symbolizing a beam), a frieze (usually ornamented), and a cornice.



*Drawing from Campen 1971.*

**FAÇADE**

The front of a building, especially one treated so as to be particularly attractive or imposing.

**FANLIGHT**

A overdoor light or window, usually arched, whose tracery suggests an opened fan.

**FLUTING**

A system of vertical grooves (flutes) in the shaft of a Corinthian or Ionic order column; fluting differs from Doric channeling in that portions of the cylindrical surface of the column (fillets) separate the flutes.

**FRIEZE**

A panel below the upper molding or cornice of a wall; in Classical (Greek and Roman) architecture, the middle section of an entablature.

**GABLE**

The triangular wall section at the end of a pitched roof, bounded by the two roof slopes and the ridge beam; also any triangular architectural section, usually ornamental, as over a door or window.

**GABLE ROOF**

A sloping roof with rectangular surfaces (usually 2) that join to form a ridge (see Roof Types figure).

**GAMBREL ROOF**

A gable-type roof, more or less symmetrical, with 4 inclined surfaces, the pair meeting at the ridge having the shallower pitch (see Roof Types figure).

**GLAZE**

To fit or furnish with glass, as in a window.

**HALF TIMBERING**

A construction method in which vertical, horizontal, and diagonal timbers make up the frame of a wall, which is filled in with lath and plaster (noggin), sticks and mud or clay (wattle and daub), stone, or brick.

**HEARTH**

The floor of a fireplace and the floor immediately in front of a fireplace.

**HIP ROOF**

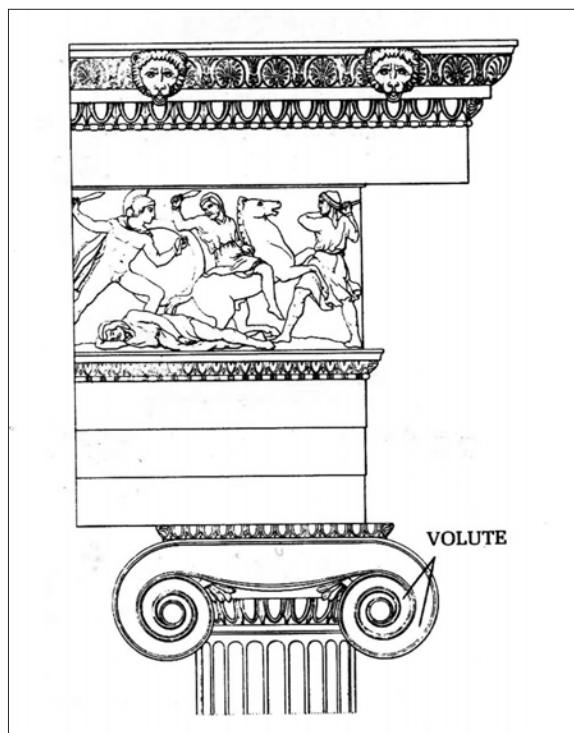
A roof with sloping ends as well as sides; a roof without gables, each of whose sides (usually 4) lies in a single plane and join the others at an apex or ridge (see Roof Types figure).

**HOODMOLD**

A projecting molding above a door, window, or other opening to protect it from rain.

**IONIC ORDER**

An order of Greek or Roman architecture typically characterized by a slender, fluted column with a low capital having projected volutes, supporting: (1) an architrave in 3 levels, (2) a shallow, ornamented frieze, and (3) a cornice that is sometimes supported by dentils.



*Drawing from Campen 1971.*

**INTRINSIC**

Belonging to something as one of the basic and essential elements that make it what it is.

**LANTERN**

A structure raised above a roof or dome to admit light to a space below.

**LIGHT**

An individual pane of glass.

**LINTEL**

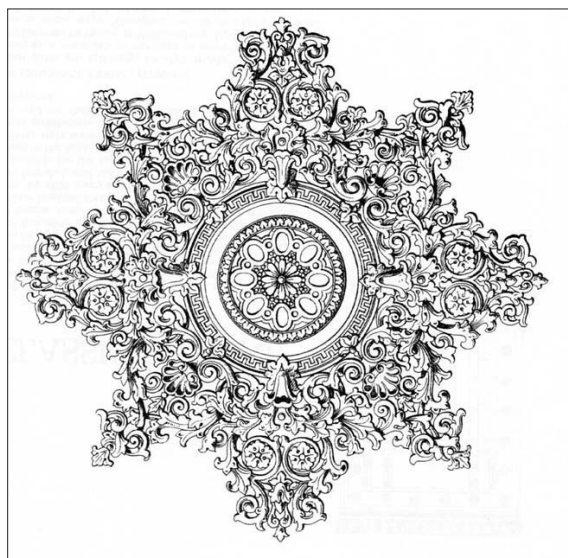
A horizontal member spanning an opening and supporting a load; a beam.

**MANSARD ROOF**

A roof with two slopes, the lower almost vertical to allow extra space for attic rooms; a modification of the hipped roof in which each side has two planes, the upper one being shallower; also called a French roof (see Roof Types figure).

**MEDALLION**

On a plaster ceiling, a molded, radiating feature, often with a pendant light suspended from its center; also called a rose or rosettes.



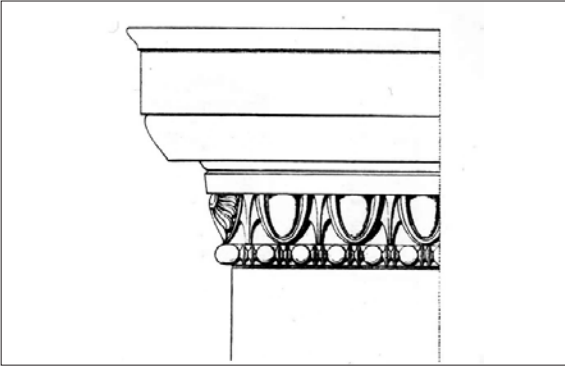
*Drawing from Campen 1971.*

**MODILLION**

A small, bracket-like member immediately underneath a cornice, found especially in the Corinthian and Composite orders (see figures).

**MOLDING**

A relatively long, shallow member, used for covering joints and for decorative purposes.



*Drawing from Campen 1971.*

**MULLION**

A vertical strip of stone, metal, or wood that divides the panes of a window or the panels of a screen.

**MUNTIN**

A horizontal member of stone, metal, or wood that divides the panes of a window or the panels of a screen.

**ORIEL WINDOW**

A bay window projecting from an outside wall and supported from beneath by brackets or corbels.

**OVERDOOR**

A picture or carved panel or other decorative member over a doorway or a doorframe.

**OVERDOOR LIGHT**

A glazed area or window above a doorway, often decoratively treated.

**PALLADIAN MOTIF**

A thematic element used in 18th century architecture, consisting of a broad opening (doorway or window) with a semicircular arch for a head and two narrower side compartments having flat heads at the level of the springing of the arch; notably used in Georgian style houses (see figure at right).

**PARAPET**

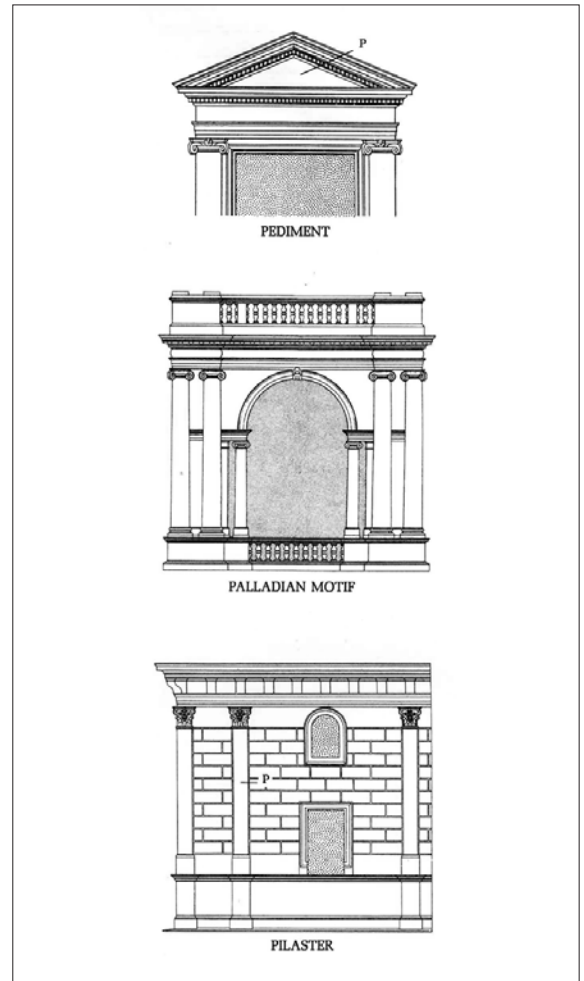
A low, protective wall at the edge of roof surface of a building, directly over the building's outer wall.

**PENDANT**

A hanging decorative member; an ornament hanging down from a ceiling, staircase, etc.

**PEDIMENT**

A triangular gable bounded on all sides by continuations of a cornice; also an ornamental member over a doorway or window that has a gable form.



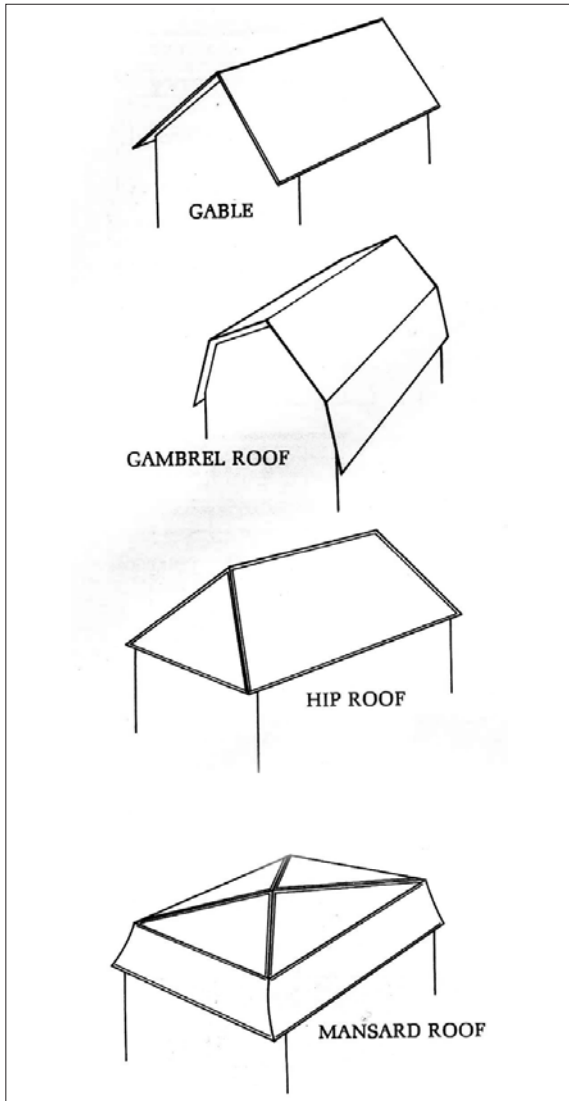
*Drawing from Campen 1971.*

**PILASTER**

A flat decorative member, applied to a wall, whose form suggests a column (see figure above).

**PITCHED ROOF**

An angular or sloping, rather than flat-lying, roof.



*Drawing from Campen 1971.*

**PROTOTYPE**

A building having the essential features of a particular style, and on which later forms are modeled.

**PURLIN**

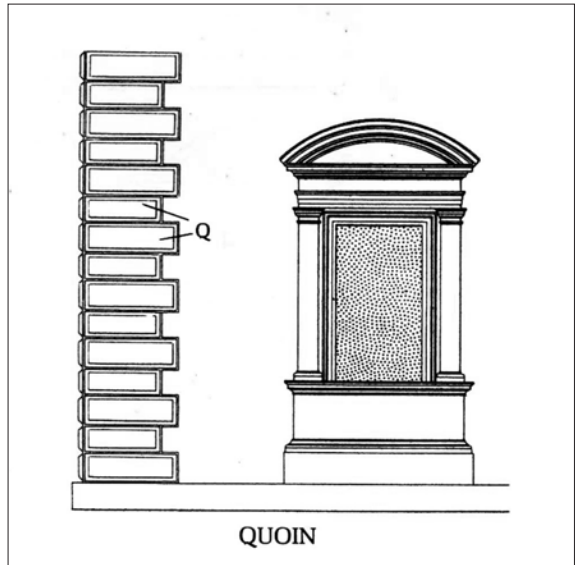
A horizontal roof beam that supports the rafters.

**QUARTER-ROUND WINDOW**

A window, usually in the attic area of a gable, that is one-fourth of a circle.

**QUOINS**

A squared stone used to reinforce the corner of a masonry building; also a decorative feature in this form, used to give emphasis to the corner of a building.



*Drawing from Campen 1971.*

**RAFTER**

Any of the sloping supporting timbers, beams, or boards that run from the ridge beam of a roof to its edge.

**RAKED CAPITAL**

Inclined from the perpendicular.

**RIDGE**

The horizontal line formed by the juncture of two sloping planes; especially, the line formed by the surfaces of a roof at their junction (crest).

**RIDGE BEAM**

A horizontal beam at the ridge of a roof to which the rafters are attached.

**RUSTICATED**

A finish to the outside of a building wall with large blocks of masonry that are left with a rough surface, beveled edges, and have deep emphasized joints between them (see Pilaster figure).



**SASH**

A frame designed to hold window glass.

**SASH WINDOW**

Glazed wooden frames, which slide up and down by means of counterbalanced weights. The standard form has two moveable sashes and is termed a “double-hung sash.”

**SHINGLE**

Wooden tiles used to clad the exterior walls of a house or barn.

**SIDELIGHT**

A narrow window area beside an outside door, common in Greek Revival houses.

**SPINDLE**

A thin, lathe-turned, column of wood, such as used to support a staircase railing.

**STRINGCOURSE**

A horizontal band or molding set in the face of a building as a design element; also known as cordon.

**STUCCO**

A fine cement or plaster used on the surface of walls, moldings, and other architectural ornaments; generally applied to external surfaces.

**TRACERY**

An ornamental division of an opening, especially a window, in the form of an arrangement of mullions, arches, etc.

**TRANSOM**

The horizontal member across the top of door, or across the top or middle of a window.

**TRANSOM LIGHT**

A window or pane above a door, whether rectangular or arched.

**TRIPART WINDOW**

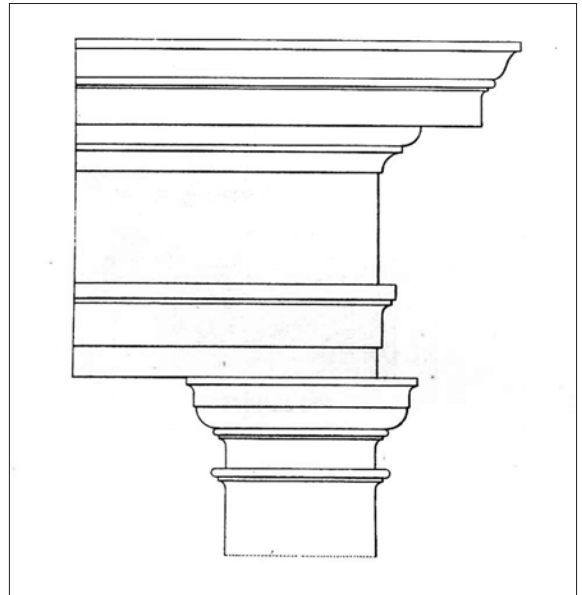
Window divided in to 3 vertical columns.

**TUDOR ARCH**

A low elliptical or flatly pointed arch.

**TUSCAN ORDER**

An order of Roman architecture, which typically has stout, unfluted and unchanneled columns with a capital similar to the Doric order and a plain entablature with a widely jutting cornice. The Tuscan style for residential architecture is characterized by plain, cubical massing, flaring cornices supported by brackets with fanciful forms, and cupolas serving as staircase lanterns or as elevated rooms.



*Drawing from Campen 1971.*

**VERANDA**

A roof-covered but otherwise open gallery, porch, or balcony supported by posts.

**VERGEBOARD**

A board, often ornately carved or elaborately ornamented, attached along the projecting edge of a gable roof to conceal roof timbers; also known as bargeboard.

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A wealth of published information exists on the scenic, natural, historic, and cultural resources of northeastern Ohio in general, and in particular the region occupied by Sheffield and Avon in Lorain County. Likewise, a number of high-quality publications have been produced on the architectural styles and elements used in the Western Reserve. The following list of publications and reports form the basis of the documentation for this guide. The list contains the full citations for references cited in the text as well as other bibliographic materials helpful in preparing this guidebook. The references are recommended to the reader for additional information of the subjects covered in this guide.

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