

Flora and Fauna of White Clay Creek and Valley

Preliminary Survey

Compiled by Dorothy P. Miller

Edited by Robert E. Jones

The following are partial lists of the plants and animals found in the White Clay Creek Region. It is not an official census, but a composite of the field notes of several contributors.

Probably no species listed qualifies for the Federal designation of "endangered", though some are found, within Delaware, only in the White Clay Region. These lists illustrate the diversity of wildlife common to a typical Eastern woodland. The imminent destruction of such woodlands* threatens even our most plentiful species. When habitat capable of supporting a wildlife community is destroyed, elimination of all associated life forms is inevitable. In Northern New Castle County undisturbed backwoods streams no longer exist, as the developers and polluters have gradually appropriated one after another until only the White Clay remains.

I wish to thank all of the contributors named at the beginning of each list. I also want to thank especially Bob Jones who edited each list, Jack Linehan who supplied reference material and assisted with editing, and Helen Preiss who assisted with typing and nomenclature.

March 1970 - DPM

* In a publication "Trees, Woods, Urbanization and You" E.P. Catts, R.E. Jones, & J.R. Longcore, December 1966 noted that the total wooded acreage of a two mile wide study area in Northern New Castle County dropped from 4500 to 2600 in only 10 years. According to the Newark Weekly 11/26/69 nearly 1000 more acres were either already developed or designated for development. The proposed White Clay Creek Dam alone would take another 400 acres of choice woodland.

Mammals of White Clay Creek
1969

Contributors: E. Paul Catts, Robert E. Jones, Gerda Mortenson

Opposum	<u>Didelphis virginiana</u>
Starnose mole	<u>Condylura cristata</u> - good find
Eastern mole	<u>Scalopus aquaticus</u>
Masked shrew	<u>Sorex cinereus</u>
(Least shrew)	<u>Cryptotis parva</u>
Shorttail shrew	<u>Blarina brevicauda</u>
Little brown bat	<u>Myotis lucifugus</u>
Big brown bat	<u>Eptesicus fuscus</u>
(Hoary bat)	<u>Lasiurus cinereus</u>
Red bat	<u>Lasiurus borealis</u>
Raccoon	<u>Procyon lotor</u>
Longtail weasel	<u>Mustela frenata</u>
Mink	<u>Mustela vison</u>
Striped skunk	<u>Mephitis mephitis</u>
Red fox	<u>Vulpes fulva</u>
Gray fox	<u>Urocyon cinereoargenteus</u>
Feral dog	<u>Canis familiaris</u>
(Bobcat)	<u>Lynx rufus</u> - one collected about 20 years ago
Feral cat	<u>Felix domesticus</u>
Woodchuck	<u>Marmota monax</u>
Eastern gray squirrel	<u>Sciurus carolinensis</u>
Southern flying squirrel	<u>Glaucomys volans</u>
(Harvest mouse)	<u>Reithrodontomys humulis</u>
White-footed mouse	<u>Peromyscus leucopus</u>
Meadow vole	<u>Microtus pennsylvanicus</u>
Pine vole	<u>Pitymys pinetorum</u>
Muskrat	<u>Ondatra zibethica</u>
Norway rat	<u>Rattus norvegicus</u>
(Black rat)	<u>Rattus rattus</u>
House mouse	<u>Mus musculus</u>
Meadow jumping mouse	<u>Zapus hudsonius</u>
Eastern cottontail rabbit	<u>Sylvilagus floridanus</u>
Whitetail deer	<u>Odocoileus virginianus</u>

Note: Parenthesis (common name) - the present status of the
species thus indicated has not been definitely confirmed

Birds of White Clay Creek 1969

Contributors: Dorothy P. Miller, John T. Linehan, Jay G. Lehman
Elizabeth Dyer, Joan Zerbe, Margaret Dawson, Ruth
Miller, A.R. Stickley, Dorothy W. Crumb, and other
members of the Delmarva Ornithological Society

Common Loon	T	Great Horned Owl	P*
Great Blue Heron	S	Barred Owl	P*
Green Heron	S*	Long-eared Owl	P
Cattle Egret	S	Whip-poor-will	S*
Black-crowned Night Heron	S	Common Nighthawk	S
American Bittern	S	Chimney Swift	S*
Canada Goose	P*	Ruby-throated Hummingbird	S*
Snow Goose	W	Belted Kingfisher	P*
Mallard	P*	Yellow-shafted Flicker	P*
Black Duck	P*	Red-bellied Woodpecker	P*
Gadwall	W	Yellow-bellied Sapsucker	T
Pintail	W	Hairy Woodpecker	P*
Green-winged Teal	W	Downy Woodpecker	P*
Blue-winged Teal	T	Eastern Kingbird	S*
American Widgeon	W	Great Crested Flycatcher	S*
Shoveler	T	Eastern Phoebe	S*
Wood Duck	S*	Acadian Flycatcher	S*
Redhead	T	Traill's Flycatcher	T
Ring-necked Duck	W	Least Flycatcher	S
Canvasback	W	Eastern Wood Pewee	S*
Lesser Scaup	T	Horned Lark	P*
Common Goldeneye	W	Tree Swallow	S*
Hooded Merganser	W	Bank Swallow	S
Common Merganser	W	Rough-winged Swallow	S*
Turkey Vulture	P	Barn Swallow	S*
Sharp-shinned Hawk	P	Cliff Swallow	S
Cooper's Hawk	P	Purple Martin	S*
Red-tailed Hawk	P*	Blue Jay	P*
Red-shouldered Hawk	P*	Common Crow	P*
Broad-winged Hawk	P*	Fish Crow	P
Pigeon Hawk	T	Black-capped Chickadee	W
Sparrow Hawk	P*	Carolina Chickadee	P*
Bobwhite	P*	Tufted Titmouse	P*
Ring-necked Pheasant	P	White-breasted Nuthatch	P*
Virginia Rail	P	Red-breasted Nuthatch	W
American Coot	W	Brown Creeper	W
Killdeer	P*	House Wren	S*
American Woodcock	S*	Winter Wren	W
Common Snipe	T	Carolina Wren	P*
Spotted Sandpiper	S*	Mockingbird	P*
Solitary Sandpiper	T	Catbird	S*
Herring Gull	P	Brown Thrasher	S*
Ring-billed Gull	P	Robin	P*
Rock Dove	P*	Wood Thrush	S*
Mourning Dove	P*	Hermit Thrush	T
Yellow-billed Cuckoo	S*	Swainson's Thrush	T
Black-billed Cuckoo	S*	Gray-cheeked Thrush	T
Barn Owl	P*	Veery	S*
Screech Owl	P*	Eastern Bluebird	P*

Birds of White Clay Creek (Cont.)

Blue-gray Gnatcatcher	S*	Yellowthroat	S*
Golden-crowned Kinglet	W	Yellow-breasted Chat	S*
Ruby-crowned Kinglet	W	Hooded Warbler	T
Cedar Waxwing	P	Wilson's Warbler	T
Starling	P*	Canada Warbler	T
White-eyed Vireo	S*	American Redstart	S*
Yellow-throated Vireo	S*	House Sparrow	P*
Solitary Vireo	T	Bobolink	T
Red-eyed Vireo	S*	Eastern Meadowlark	P*
Philadelphia Vireo	T	Redwinged Blackbird	P*
Warbling Vireo	S*	Orchard Oriole	S*
Black and White Warbler	S*	Baltimore Oriole	S*
Prothonotary Warbler	T	Rusty Blackbird	W
Worm-eating Warbler	S*	Common Grackle	P*
Golden-winged Warbler	T	Brown-headed Cowbird	P*
Blue-winged Warbler	S*	Scarlet Tanager	S*
Tennessee Warbler	T	Cardinal	P*
Nashville Warbler	T	Rose-breasted Grosbeak	T
Parula Warbler	T	Blue Grosbeak	T
Yellow Warbler	S*	Indigo Bunting	S*
Magnolia Warbler	T	Evening Grosbeak	W
Cape May Warbler	T	Purple Finch	W
Black-throated Blue Warbler	T	House Finch	W
Myrtle Warbler	W	Pine Siskin	W
Black-throated Green Warbler	T	American Goldfinch	P*
Cerulean Warbler	S*	Red Crossbill	W
Blackburnian Warbler	T	Rufous-sided Towhee	P*
Yellow-throated Warbler	T	Savannah Sparrow	T
Chestnut-sided Warbler	T	Grasshopper Sparrow	S*
Bay-breasted Warbler	T	Vesper Sparrow	T
Blackpoll Warbler	T	Slate-colored Junco	W
Pine Warbler	T	Tree Sparrow	W
Prairie Warbler	S*	Chipping Sparrow	S*
Palm Warbler	T	Field Sparrow	P*
Ovenbird	S*	White-crowned Sparrow	W
Northern Waterthrush	T	White-throated Sparrow	W
Louisiana Waterthrush	S*	Fox Sparrow	W
Kentucky Warbler	S*	Swamp Sparrow	P
Connecticut Warbler	T	Song Sparrow	P*
Mourning Warbler	T		

Key

- P - Permanent Resident W - Winter Resident
 S - Summer Resident T - Transient
 * - Breeding, mostly supported by records

Common names and order of species follow the A.O.U. Check List of Birds of North America-5th Edition

Note: Some of the waterfowl included were recorded on nearby ponds

Reptiles and Amphibians of White Clay Creek
1965-69

Contributors: Tom Rogers and Iris Gonzalez

<u>Sternotherus odoratus</u>	Musk turtle
<u>Clemmys guttata</u>	Spotted turtle
<u>Clemmys mühlenbergi</u>	Muhlenberg's turtle (Bog turtle)
<u>Terrapene carolina</u>	Eastern box turtle
<u>Chrysemys picta picta</u>	Eastern painted turtle
<u>Natrix sipedon</u>	Northern water snake
<u>Carphophis amoenis</u>	Worm snake
<u>Natrix sylvatica</u>	Queen snake - Conant (1945) uncommon in Delaware
<u>Elaphe guttata guttata</u>	Black rat snake
<u>Plethodon cinereus</u>	Red-backed salamander
<u>Desmognathus fuscus fuscus</u>	Dusky salamander
<u>Bufo americanus</u>	American toad - found only above fall line of Piedmont Plateau
<u>Bufo woodhousei fowleri</u>	Fowler's toad
<u>Acris gryllus crepitans</u>	Cricket frog
<u>Hyla crucifer</u>	Spring peeper
<u>Pseudacris nigrita triseriata</u>	Upland chorus frog - uncommon in Delaware
<u>Rana catesbeiana</u>	Bullfrog
<u>Rana clamitans melanota</u>	Green frog
<u>Rana pipiens sphenoccephala</u>	Southern leopard frog

Other probable species

<u>Eumeces fasciatus fasciatus</u>	Fine-lined skink
<u>Thamnophis sirtalis</u>	Garter snake
<u>Haldea valeriae</u>	Smooth earth snake
<u>Opheodrys aestivus</u>	Green snake

Trees and Some Shrubs of White Clay Creek
1969

Contributors: John T. Linehan, Robert E. Jones, Dorothy P. Miller,
Helen Preiss

<u>Pinus strobus</u>	White pine
<u>Pinus virginiana</u>	Scrub (Virginia) pine
<u>Juniperus virginiana</u>	Eastern red cedar
<u>Salix nigra</u>	Black willow
<u>Salix discolor</u>	Pussy willow
<u>Juglans nigra</u>	Black walnut
<u>Carya tomentosa</u>	Mockernut hickory
<u>Carya glabra</u>	Pignut hickory
<u>Carya cordiformis</u>	Bitternut hickory
<u>Corylus americana</u>	American hazelnut
<u>Carpinus caroliniana</u>	Blue beech, Ironwood, Hornbeam
<u>Betula lenta</u>	Sweet birch
<u>Betula nigra</u>	River birch
<u>Alnus serrulata</u>	Smooth alder
<u>Fagus grandifolia</u>	Beech
<u>Castanea dentata</u>	American chestnut
<u>Quercus alba</u>	White oak
<u>Quercus prinus</u>	Chestnut oak
<u>Quercus rubra</u>	Northern red oak
<u>Quercus palustris</u>	Pin oak
<u>(Quercus coccinea)</u>	Scarlet oak
<u>Quercus velutina</u>	Black oak
<u>Ulmus rubra</u>	Slippery elm
<u>Ulmus americana</u>	American elm
<u>Celtis occidentalis</u>	American hackberry
<u>Maclura pomifera</u>	Osage-orange
<u>Morus rubra</u>	Red mulberry
<u>Liriodendron tulipifera</u>	Tulip tree (Yellow-poplar)
<u>Sassafras albidum</u>	Sassafras
<u>Lindera benzoin</u>	Spicebush ... shrub
<u>Hamamelis virginiana</u>	Witch-hazel ... shrub
<u>Liquidambar styraciflua</u>	Sweet gum
<u>Platanus occidentalis</u>	Sycamore, Buttonwood
<u>Spiraea latifolia</u>	Meadow sweet ... shrub
<u>Pyrus coronaria</u>	Wild crab apple
<u>Amelanchier canadensis</u>	Shadbush
<u>Crataegus spp.</u>	Hawthorn
<u>Prunus spp.</u>	Wild cherry
<u>(Cercis canadensis)</u>	Redbud, Judas tree
<u>Robinia pseudo-acacia</u>	Black locust
<u>Rhus typhina</u>	Staghorn sumac ... shrub
<u>Rhus glabra</u>	Smooth sumac ... shrub
<u>Ilex verticillata</u>	Winterberry holly ... shrub
<u>Staphylea trifolia</u>	Bladdernut
<u>(Acer saccharum)</u>	Sugar maple
<u>Acer saccharinum</u>	Silver maple
<u>Acer rubrum</u>	Red (Swamp) maple
<u>Acer platanoides</u>	Norway maple
<u>Acer negundo</u>	Box elder, Ashleaf maple

Trees and Some Shrubs of White Clay Creek (Cont.)

<u>(Hibiscus syriacus)</u>	Rose-of-Sharon ... shrub
<u>Cornus florida</u>	Flowering dogwood
<u>Cornus stolonifera</u>	Red-osier dogwood ... shrub
<u>Nyssa sylvatica</u>	Black gum (Sour-gum)
<u>Rhododendron spp.</u>	Rhododendron, Azalea ... shrubs
<u>Kalmia latifolia</u>	Mountain laurel ... shrub
<u>Fraxinus americana</u>	White ash
<u>Fraxinus pennsylvanica</u>	Green ash
<u>Paulownia tomentosa</u>	Princess-tree
<u>Catalpa bignonioides</u>	Common catalpa
<u>Cephalanthus occidentalis</u>	Buttonbush ... shrub
<u>Viburnum acerifolium</u>	Mapleleaf viburnum ... shrub
<u>Viburnum dentatum</u>	Southern arrowwood ... shrub
<u>Viburnum prunifolium</u>	Smooth blackhaw ... shrub
<u>Sambucus canadensis</u>	Elderberry ... shrub

Note: Arrangement of species as in Gray's Manual of Botany-7th Ed.
Scientific and common names of species as in Peterson's
"A Field Guide to Trees and Shrubs" by George A. Petrides

Parenthesis (Latin name) - the present status of the
species thus indicated has not been definitely confirmed

Wildflowers of White Clay Creek
1969

Contributors: Claude Phillips, Helen Preiss, John T. Linehan,
Robert E. Jones

<u>Sagittaria</u> spp.	Arrowhead
<u>Arisaema triphyllum</u>	Jack-in-the-pulpit
<u>Arisaema Dracontium</u>	Green dragon
<u>Peltandra virginica</u>	Arrow-arum
<u>Symplocarpus foetidus</u>	Skunk-cabbage
<u>Orontium aquaticum</u>	Golden club
<u>Acorus Calamus</u>	Sweet flag
<u>Xyris caroliniana</u>	Yellow-eyed grass
<u>Commelina</u> spp.	Dayflower
<u>Tradescantia virginiana</u>	Spiderwort
<u>Pontederia cordata</u>	Pickrel weed
<u>Chamaelirium luteum</u>	Fairy-wand
<u>Melanthium virginicum</u>	Bunchflower
<u>Uvularia</u> spp.	Bellwort
<u>Allium</u> spp.	Wild onions
<u>Hemerocallis fulva</u>	Tawny day lily
<u>Lilium</u> spp.	Wild lily
<u>Erythronium americanum</u>	Dog-tooth violet
<u>Ornithogalum</u> spp.	Star-of-Bethlehem
<u>Smilacina racemosa</u>	False Solomon's-seal
<u>Maianthemum canadense</u>	Two-leaved Solomon's-seal
<u>Polygonatum</u> spp.	Solomon's-seal
<u>Medeola virginiana</u>	Indian cucumber-root
<u>Trillium</u> spp.	Trillium
<u>Belamcanda chinensis</u>	Blackberry-lily
<u>Sisyrinchium</u> spp.	Blue-eyed grass
<u>Iris</u> spp.	Iris
<u>Orchis spectabilis</u>	Showy Orchis
<u>Habenaria viridis</u>	Frog-orchis
<u>Goodyera pubescens</u>	Rattlesnake-plantain
<u>Liparis lilifolia</u>	Twayblade
<u>Aplectrum hyemale</u>	Adam-and-Eve
<u>Urtica</u> spp.	Nettle
<u>Asarum canadense</u>	Wild ginger
<u>Rumex</u> spp.	Dock
<u>Polygonum</u> spp.	Smartweed, Knotweed
<u>Amaranthus</u> spp.	Redroot
<u>Phytolacca americana</u>	Pokeweed
<u>Claytonia virginica</u>	Spring Beauty
<u>Stellaria</u> spp.	Chickweed
<u>Cerastium</u> spp.	Chickweed
<u>Silene</u> spp.	Campion
<u>Saponaria officinalis</u>	Bouncing-bet
<u>Dianthus Armeria</u>	Deptford pink
<u>Nymphaea</u> spp.	Water-lily
<u>Brasenia Schreberi</u>	Water-shield
<u>Ranunculus</u> spp.	Buttercup
<u>Thalictrum</u> spp.	Meadow rue
<u>Anemonella thalictroides</u>	Rue-anemone
<u>Hepatica americana</u>	Liverwort
<u>Anemone</u> spp.	Anemone
<u>Caltha palustris</u>	Marsh-marigold

Wildflowers of White Clay Creek (Cont.)

<u>Aquilegia canadensis</u>	Wild columbine
<u>Cimicifuga racemosa</u>	Black cohosh
<u>Podophyllum peltatum</u>	May-apple
<u>Caulophyllum thalictroides</u>	Blue cohosh
<u>Monispermum canadense</u>	Moonseed
<u>Sanguinaria canadensis</u>	Bloodroot
<u>Chelidonium majus</u>	Celandine
<u>Dicentra Cucullaria</u>	Dutchman's-breeches
<u>Draba verna</u>	Whitlow grass
<u>Lepidium</u> spp.	Pepper-grass
<u>Capsella Bursa-pastoris</u>	Shepherd's purse
<u>Brassica</u> spp.	Mustard
<u>Alliaria officinalis</u>	Garlic-mustard
<u>Sisymbrium officinale</u>	Hedge-mustard
<u>Arabidopsis Thaliana</u>	Mouse-ear-cress
<u>Barbarea vulgaris</u>	Yellow rocket
<u>Barbarea verna</u>	Early winter-cress
<u>Dentaria</u> spp.	Toothwort
<u>Cardamine</u> spp.	Bitter cress
<u>Arabis canadensis</u>	Sicklepod
<u>Saxifraga virginiana</u>	Early saxifrage
<u>Mitella diphylla</u>	Miterwort
<u>Spiraea</u> spp.	Meadow-sweet
<u>Gillenia trifoliata</u>	Bowman's-root
<u>Fragaria</u> spp.	Wild strawberry
<u>Potentilla</u> spp.	Cinquefoil
<u>Geum canadense</u>	White avens
<u>Rubus</u> spp.	Bramble
<u>Sanguisorba canadensis</u>	Canadian burnet
<u>Cassia</u> spp.	Senna
<u>Trifolium</u> spp.	Clover
<u>Melilotus</u> spp.	Sweet clover
<u>Medicago</u> spp.	Medick
<u>Coronilla varia</u>	Crown-vetch
<u>Desmodium</u> spp.	Tick-trefoil
<u>Stylosanthes riparia</u>	Pencil-flower
<u>Vicia</u> spp.	Vetch
<u>Apios americana</u>	Groundnut
<u>Strophostyles umbellata</u>	Pink wild bean
<u>Amphicarpa bracteata</u>	Hog-peanut
<u>Oxalis</u> spp.	Wood-sorrel
<u>Geranium</u> spp.	Cranesbill
<u>Polygala</u> spp.	Milkwort
<u>Acalypha virginica</u>	Three-seeded Mercury
<u>Euphorbia</u> spp.	Spurge
<u>Impatiens</u> spp.	Touch-me-not
<u>Vitis</u> spp.	Grape
<u>Malva neglecta</u>	Dooryard mallow
<u>Hibiscus Trionum</u>	Flower-of-an-hour
<u>Hypericum</u> spp.	St. John's-wort
<u>Helianthemum Bicknelli</u>	Frostweed
<u>Viola</u> spp.	Violet
<u>Decodon verticillatus</u>	Water-willow
<u>Lythrum</u> spp.	Loosestrife
<u>Oenothera</u> spp.	Evening-primrose
<u>Gaura biennis</u>	Morning honeysuckle

Wildflowers of White Clay Creek (Cont.)

<u>Circaea quadrisculcata</u>	Enchanter's nightshade
<u>Aralia nudicaulis</u>	Wild sarsaparilla
<u>Panax trifolius</u>	Dwarf ginseng
<u>Oplopanax horridus</u>	Devil's-club
<u>Hydrocotyle</u> spp.	Water-pennywort
<u>Sanicula canadensis</u>	Sanicle
<u>Chaerophyllum procumbens</u>	Wild chervil
<u>Osmorhiza longistylis</u>	Sweet cicely
<u>Conium maculatum</u>	Poison hemlock
<u>Eizia aurea</u>	Golden Alexanders
<u>Cicuta maculata</u>	Water-hemlock
<u>Thaspium barbinode</u>	Meadow-parsnip
<u>Pastinaca sativa</u>	Wild parsnip
<u>Heraclium maximum</u>	Cow-parsnip
<u>Daucus Carota</u>	Queen Anne's lace
<u>Chimaphila</u> spp.	Pipsissewa
<u>Pyrola</u> spp.	Wintergreen
<u>Monotropa uniflora</u>	Indian-pipe
<u>Epigaea repens</u>	Trailing arbutus
<u>Gaultheria procumbens</u>	Teaberry
<u>Lysimachia</u> spp.	Loosestrife
<u>Lysimachia hybrida</u>	Loosestrife
<u>Anagallis arvensis</u>	Scarlet pimpernel
<u>Gentiana</u> spp.	Gentian
<u>Obolaria virginica</u>	Pennywort
<u>Vinca minor</u>	Periwinkle
<u>Apocynum</u> spp.	Dogbane
<u>Asclepias</u> spp.	Milkweed
<u>Asclepias viridiflora</u>	Green milkweed
<u>Ipomoea</u> spp.	Morning-glory
<u>Convolvulus</u> spp.	Bindweed
<u>Cuscuta</u> spp.	Dodder
<u>Polemonium reptans</u>	Jacob's-ladder
<u>Phlox</u> spp.	Phlox
<u>Hydrophyllum virginianum</u>	Waterleaf
<u>Myosotis</u> spp.	Forget-me-not
<u>Verbena</u> spp.	Vervain
<u>Teucrium canadense</u>	Germander
<u>Scutellaria</u> spp.	Skullcap
<u>Agastache nepetoides</u>	Yellow giant hyssop
<u>Agastache scrophulariaefolia</u>	Purple giant hyssop
<u>Nepeta</u> spp.	Catnip
<u>Glechoma hederacea</u>	Gill-over-the-ground
<u>Frunella vulgaris</u>	Selfheal
<u>Physostegia virginiana</u>	False dragonhead
<u>Leonurus</u> spp.	Motherwort
<u>Stachys</u> spp.	Hedge-nettle
<u>Monarda fistulosa</u>	Wild bergamot
<u>Satureja vulgaris</u>	Wild basil
<u>Pycnanthemum</u> spp.	Mountain-mint
<u>Thymus Serpyllum</u>	Creeping thyme
<u>Lycopus</u> spp.	Horehound
<u>Mentha</u> spp.	Mint
<u>Collinsonia canadensis</u>	Horse-balm
<u>Solanum</u> spp.	Nightshade
<u>Physalis</u> spp.	Ground-cherry

Wildflowers of White Clay Creek (Cont.)

Verbascum spp.
Linaria spp.
Scrophularia marilandica
Chelone spp.
Penstemon Digitalis
Mimulus alatus
Gratiola spp.
Lindernia spp.
Veronica spp.
Castilleja coccinea
Pedicularis spp.
Utricularia spp.
Epifagus virginiana
Orobanche uniflora
Phryma Leptostachya
Plantago spp.
Galium spp..
Mitchella repens
Houstonia caerulea
Lonicera spp.
Triosteum spp.
Dipsacus sylvestris
Sicyos angulatus
Echinocystis lobata
Specularia perfoliata
Campanula aparinoides
Lobelia spp.
Vernonia spp.
Eupatorium spp.
Mikania scandens
Chrysopsis mariana
Solidago spp.
Aster spp.
Erigeron spp.
Antennaria spp.
Anaphalis margaritacea
Gnaphalium spp.
Inula Helenium
Ambrosia trifida
Polymnia Uvedalia
Rudbeckia spp.
Helianthus spp.
Coreopsis spp.
Bidens spp.
Galinsoga ciliata
Helenium spp.
Achillea Millefolium
Anthemis arvensis
Chrysanthemum Leucanthemum
Tanacetum vulgare
Cacalia atriplicifolia
Senecio spp.
Arctium minus
Carduus nutans
Cirsium spp.
Cichorium Intybus

Mullein
Toadflax
Figwort
Turtlehead
Foxglove Beardtongue
Monkey-flower
Hedge-hyssop
False pimpernel
Speedwell
Painted-cup
Lousewort
Bladderwort
Beech-drops
Cancer-root
Lopseed
Plantain
Bedstraw
Partridge-berry
Bluets
Honeysuckle
Horse-gentian
Teasel
One-seeded cucumber
Wild balsam-apple
Venus' looking-glass
Marsh bellflower
Lobelia
Ironweed
Joe Pye weed, Boneset
Climbing hempweed
Maryland golden aster
Goldenrod
Aster
Fleabane
Pussy toes
Pearly everlasting
Everlasting
Elecampane
Great ragweed
Leafcup
Black-eyed Susan
Sunflower
Tickseed
Bur-marigold
Galinsoga
Sneezeweed
Yarrow
Corn chamomile
Ox-eye-daisy
Common tansy
Pale Indian-plantain
Ragwort
Burdock
Nodding thistle
Thistle
Chicory

Wildflowers of White Clay Creek (Cont.)

<u>Tragopogon pratensis</u>	Goat's-beard
<u>Taraxacum officinale</u>	Dandelion
<u>Sonchus</u> spp.	Sow thistle
<u>Lactuca</u> spp.	Wild lettuce
<u>Prenanthes</u> spp.	Rattlesnake-root
<u>Hieracium</u> spp.	Hawkweed

Note: Latin names and order of species follow Gray's
Manual of Botany-8th Edition.

Ferns of White Clay Creek
1969

Contributors: John T. Linehan, Robert E. Jones, Patricia Wareham

<u>Polypodium vulgare</u>	Rock (common) polypody
<u>Adiantum pedatum</u>	Maidenhair fern
<u>Pteridium aquilinum</u>	Bracken
<u>Asplenium platyneuron</u>	Ebony spleenwort
<u>Asplenium Filix-femina</u>	Lady fern
<u>Camptosorus rhizophyllus</u>	Walking fern
<u>Polystichum acrostichoides</u>	Christmas fern
<u>Dryopteris marginalis</u>	Evergreen woodfern
<u>Onoclea sensibilis</u>	Sensitive fern
<u>Osmunda regalis</u>	Royal fern
<u>Osmunda Claytoniana</u>	Interrupted fern
<u>Osmunda cinnamomea</u>	Cinnamon fern
<u>Botrychium virginianum</u>	Rattlesnake fern