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3/7/2005

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The species information function can be used to access species booklets which contain information about a species habitat, distribution, and life history, to search the Biota of Virginia (BOVA) database, create species lists and search the reference database. Please click on a link from the navigation menu on the left or on one of the links below.

1. *Species Booklet*: contains information about habitat, distribution, life history, taxonomic information and more for Virginia's wildlife species.

2. *Species List*: this function allows you to generate a list of species known or likely to occur within some administrative unit (Virginia County/City/USGS 7.5' Quadrangle/Hydrological Unit).

3. *References*: this function allows you to search through the database of references that were used in compiling the species information booklets.

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Compiled: 3/7/2005 Visitor 44160

Species List

219 records found for **Mollusks** species

BOVA Code	Status*	Common Name	Scientific Name
060003	FESE	Wedgemussel, dwarf	*Alasmidonta heterc*
060017	FESE	Spinymussel, James (= Virginia)	*Pleurobema (= Fus Canthyra) collina*
060020	FESE	Pearlymussel, birdwing	*Conradilla (=Lemi*
060023	FESE	Fanshell	*Cyprogenia stegari*
060024	FESE	Pearlymussel, dromedary	*Dromus dromas*
060036	FESE	Riffleshell, tan	*Epioblasma florent walkeri)*
060051	FESE	Pigtoe, fine-rayed	*Fusconaia cuneolu*
060052	FESE	Pigtoe, shiny	*Fusconaia cor (= e*
060030	FESE	Combshell, Cumberlandian	*Epioblasma brevid*
060031	FESE	Mussel, oyster	*Epioblasma capsae*
060034	FESE	Blossom (pearlymussel), green	*Epioblasma (= Dys gubernaculum*
060094	FESE	Pearlymussel, little-wing	*Pegias fabula*
060082	FESE	Pearlymussel, cracking	*Hemistena (= Laste*
060125	FESE	Monkeyface (pearlymussel), Appalachian	*Quadrula sparsa*
060152	FESE	Mucket (pearlymussel), pink	*Lampsilis abrupta*
060147	FESE	Bean, purple	*Villosa perpurpure*
060122	FESE	Rabbitsfoot, rough	*Quadrula cylindric*
060123	FESE	Monkeyface (pearlymussel), Cumberland	*Quadrula intermed*
060171	FESE	Pigtoe, rough	*Pleurobema plenur*
060169	FESE	Bean (pearlymussel), Cumberland	*Villosa (= Microm*
060146	FCFS	Bean, rayed	*Villosa fabalis*
060110	FCST	Mussel, sheepnose	*Plethobasus cyphy*

060121	FC	Kidneyshell, fluted	*Ptychobranchus su*
060083	FCST	Pearlymussel, slabside	*Lexingtonia dolabe*
060021	FCFSSE	Spectaclecase	*Cumberlandia mon*
060010	FS	Rocksnail, onyx	*Leptoxis (=Anculos*
060004	FSSS	Elktoe	*Alasmidonta margi*
060006	FSSE	Floater, brook	*Alasmidonta varicc*
060019	FS	Pebblesnail, panhandle	*Somatogyrus virgin*
060029	FSSS	Lance, yellow	*Elliptio lanceolata*
060035	FSSE	Snuffbox	*Epioblasma triquet*
060069	FSST	Riversnail, spiny	*Io fluvialis*
060071	FSSS	Lampmussel, yellow	*Lampsilis cariosa*
060080	FSSE	Heelsplitter, Tennessee	*Lasmigona holston*
060081	FSSS	Floater, green	*Lasmigona subviric*
060053	FS	Longsolid	*Fusconaia subrotu*
060084	FS	Pigtoe, Virginia	*Lexingtonia subpla*
060112	FS	Clubshell, Tennessee	*Pleurobema ovifor*
060050	FSSS	Pigtoe, Tennessee	*Fusconaia barnesic*
060139	FSSE	Lilliput, purple	*Toxolasma lividus*
060170	FSSE	Cavesnail, Unthanks	*Holsingeria unthan*
060192	FS	Vertigo, cupped	*Vertigo clappi*
060196	FS	Covert, glossy	*Fumonelix christyi*
060172	FSSE	Pigtoe, Ohio	*Pleurobema cordat*
060173	FSST	Pigtoe, Atlantic	*Fusconaia masoni*
060174	FSSE	Pigtoe, pink (= pyramid)	*Pleurobema rubrur*
060175	FSSS	Slabshell, Roanoke	*Elliptio roanokensi*
060180	FS	Springsnail, Blue Ridge	*Fontigens orolibas*
060204	FS	Snail, Skyline Caverns	*Holsingeria sp. 1*
060168	SE	Deertoe	*Truncilla truncata*
060027	SE	Elephant-ear	*Elliptio crassidens*
060007	SE	Mussel, slippershell	*Alasmidonta viridis*
060124	ST	Pimpleback	*Quadrula pustulosc*
060163	ST	Papershell, fragile	*Leptodea fragilis*
060086	ST	Sandshell, black	*Ligumia recta*
060076	SS	Lampmussel, eastern	*Lampsilis radiata r*

060077	Mussel, plain pocketbook	*Lampsilis cardium*
060079	Flutedshell	*Lasmigona costata*
060072	MUSSEL	*LAMPSILIS COHC*
060073	Mussel, wavyrayed lamp	*Lampsilis fasciola*
060074	Mucket, tidewater	*Leptodea ochracea*
060075	Mussel, pocketbook	*Lampsilis ovata*
060070	Snail, dusky ancylid	*Laevapex fuscus*
060032	Mussel, acornshell	*Epioblasma haysia*
060033	Mussel, Alabama rainbow	*Villosa nebulosa*
060054	Pebblesnail, buffalo	*Gillia altilis*
060055	Snail, spider elimia	*Elimia arachnoidea*
060056	Snail, sharp-crest elimia	*Elimia carinifera*
060057	Snail, club elimia	*Elimia clavaeformi*
060058	Snail, smooth elimia	*Elimia simplex*
060059	Snail, unknown elimia	*Elimia arachnoidea*
060060	Hornsnail, pagoda	*Pleurocera uncialis*
060061	Snail, Piedmont elimia	*Elimia virginica*
060062	Snail, flexed gyro	*Gyraulus deflectus*
060063	Snail, ash gyro	*Gyraulus parvus*
060064	Snail, two-ridge rams-horn	*Helisoma anceps*
060065	Snail, marsh rams-horn	*Planorbella trivolv*
060066	SNAIL	*HYDROBIA JACK*
060067	SNAIL	*HYDROBIA SP.*
060068	SNAIL	*HYDROBIA TRUN*
060008	Threeridge	*Amblema plicata*
060009	Snail, mud amnicola	*Amnicola limosus*
060005	Mussel, triangle floater	*Alasmidonta undul*
060001	Mussel, mucket	*Actinonaias ligame*
060002	Mussel, pheasantshell	*Actinonaias pector*
060011	SNAIL	*ANCULOSA SUBG*
060012	Floater, eastern	*Pyganodon (= Ano*
060013	Mussel, paper pondshell	*Utterbackia imbeci*
060014	Snail, Lance aplexa	*Aplexa elongata*
060015	Snail, Mud bithynia	*Bithynia tentaculat*

060016	Campeloma, pointed	*Campeloma decisu*
060022	Mussel, purple wartyback	*Cyclonaias tubercu*
060018	SNAIL	*COCHLIOPA DEC*
060028	Mussel, spike	*Elliptio dilatata*
060025	Mussel, eastern elliptio	*Elliptio complanat*
060026	Mussel, Carolina slabshell	*Elliptio congaraea*
060037	Limpet, fragile ancylid	*Ferrissia fragilis*
060038	Limpet, oblong ancylid	*Ferrissia parallelu*
060039	Limpet, creeping ancylid	*Ferrissia rivularis*
060040	SNAIL	*FONTIGENS ATT*
060041	Snail, watercress	*Fontigens nicklinia*
060044	Snail, marsh fossaria	*Fossoria humulis*
060045	Snail, rock fossoria	*Fossaria obrussa n*
060046	Snail, golden fossoria	*Fossaria obrussa o*
060047	Snail, unknown fossaria	*Fossaria obrussa e*
060048	Snail, pygmy fossaria	*Fossaria parva*
060049	Snail, dusky fossaria	*Fossaria dalli*
060087	Snail, ridged lioplax	*Lioplax subcarinat*
060088	SNAIL, henscomb hydrobe	*Littoridinops tenuip*
060089	Duskysnail, squat	*Lyogyrus granum*
060090	Mussel, Cumberland moccasinshell	*Medionidus conraa*
060091	Snail, disc sprite	*Micromenetus bror*
060092	Snail, bugle sprite	*Micromenetus dila*
060093	SNAIL	*MENETUS DILAT*
060114	Hornsnail, silty	*Pleurocera canalic*
060115	Snail, brown walker	*Pomatiopsis cincin*
060116	Snail, slender walker	*Pomatiopsis lapida*
060118	Snail, sharp sprite	*Promenetus exacuc*
060119	Snail, mimic lymnaea	*Pseudosuccinea co*
060120	Mussel, kidneyshell	*Ptychobranchus fa*
060085	Mussel, eastern pond	*Ligumia nasuta*
060095	Snail, European physa	*Physella acuta*
060096	Snail, pumpkin physa	*Physella ancillaria*

060097	Snail, tadpole physa	*Physella gyrina au*
060098	SNAIL	*PHYSA GOODRIC*
060099	Snail, pewter physa	*Physella heterostro*
060100	Clam, adam pea	*Pisidium adamsi*
060101	Clam, round pea	*Pisidium equilaterc*
060102	Clam, ubiquitous pea	*Pisidium casertanu*
060103	Clam, ridgebeak pea	*Pisidium compress*
060104	Clam, greater eastern pea	*Pisidium dubium*
060105	Clam, shiny pea	*Pisidium nitidum*
060106	Clam, striate pea	*Pisidium punctiferi*
060107	Clam, Walker pea	*Pisidium walkeri*
060108	Snail, thicklip rams-horn	*Planorbula armige.*
060109	Snail, unknown rams-horn	*Planorbula armige.*
060166	Mussel, pink heelsplitter	*Potamilus alatus*
060167	MUSSEL	*STROPHITUS RU*
060148	Mussel, rainbow	*Villosa iris*
060149	MUSSEL, PURPLE RAINBOWSHELL	*VILLOSA VANUXI*
060151	Mysterysnail, banded	*Viviparus georgian*
060154	MUSSEL	*ALASMIDONTA C*
060156	Mussel, giant floater	*Pyganodon grandis*
060157	Mussel, alewife floater	*Anodonta implicatc*
060159	Mussel, Carolina lance	*Elliptio angustata*
060160	leafshell, Cumberland	*Epioblasma stewar*
060161	Creekshell, mountain	*Villosa vanuxemen.*
060162	MUSSEL	*LEPTODEA FLUV*
060140	Mussel, pistolgrip	*Tritogonia verruco.*
060141	Pondhorn, Florida	*Uniomerus carolin*
060142	Mussel, pondhorn	*Uniomerus tetralas*
060143	Snail, threeridge valvata	*Valvata tricarinata*
060144	Snail, unnamed valvata	*Valvata tricarinata*
060145	Mussel, notched rainbow	*Villosa constricta*
060111	Mussel, round pigtoe	*Pleurobema sintox*
060126	Snail, big-eared radix	*Radix auricularia*

060127	Clam, Atlantic rangia	*Rangia cuneata*
060128	Clam, river fingernail	*Sphaerium fabale*
060129	Clam, lake fingernail	*Musculium lacustre*
060130	Clam, Herrington fingernail	*Sphaerium occiden*
060131	Clam, swamp fingernail	*Musculium partum*
060132	Clam, pond fingernail	*Musculium securis*
060133	Clam, grooved fingernail	*Sphaerium simile*
060134	Snail, crested mudalia	*Leptoxis carinata*
060135	Snail, seep mudalia	*Leptoxis dilatata*
060136	Marshsnail, wrinkled	*Stagnicola caperat*
060137	Mussel, creeper	*Strophitus undulat*
060138	MUSSEL, SQUAWFOOT	*STROPHITUS UNI SHAEFFERIANUS*
060193	Snail, two-ridge valvata	*Valvata bicarinata*
060194	Snail, gravel elimia	*Elimia catenaria*
060195	Pondsnail, Piedmont	*Stagnicola neopalu*
060197	SNAIL, lapped elimia	*Elimia dislocata*
060198	SNAIL, sprite elimia	*Elimia proxima*
060199	SNAIL, fine-ridged elimia	*Elimia semicarinat*
060200	SNAIL, symmetrical elimia	*Elimia symmetrica*
060201	Springsnail, Appalachian	*Fontigens bottimer*
060202	Springsnail	*Fontigens morrisor*
060203	SNAIL, FOSSARIA	*Fossaria exigua*
060181	Snail, tapered cave	*Fontigens holsinge*
060182	Snail, Greenbrier cave	*Fontigens turritella*
060183	SNAIL	*LARTETIA SPP A*
060184	Mussel, northern lance	*Elliptio fisheriana*
060185	Snail, unknown mudalia	*Leptoxis carinata n*
060186	Snail, unknown anmnicola	*Amnicola limosa p*
060187	Clam, long fingernail	*Musculium transve*
060188	Clam, striated fingernail	*Sphaerium striatin*
060189	Carolina spike	*Elliptio raveneli*
060190	Snail, Chesapeake amber	*Oxyloma subeffusu*
060191	Snail, crinkled amber	*Succinea campestri*

060176		Spike, Atlantic	*Elliptio producta*
060177		Clam, Asian	*Corbicula fluminea*
060178		SNAIL, RIVER	*GONIOBASIS SPP*
060179		Snail, Hoosier amnicola	*Fontigens aldrichi*
060205		SNAIL, cymbal ancylid	*Laevapex diaphanu*
060206		SNAIL, bayou physa	*Physella henderson*
060207		Pebblesnail, shale	*Somatogyrus penns*
060208		Snail, boreal marstonia	*Pyrgulopsis lustric*
060209		Hornsnail, bottle	*Pleurocera gradatc*
060210		Pebblesnail, sparrow	*Somatogyrus parvu*
060211		SNAIL, tadpole physa	*Physella gyrina mi*
060212		SNAIL, pewter physa	*Physella heterostro*
060213		SNAIL	*Menetus dilatatus*
060214		SNAIL, domed ancylid	*Rhodacmea elatior*
060215		SNAIL, wicker ancylid	*Rhodacmea filosa*
060216		SNAIL, knobby ancylid	*Rhodacmea hinkley*
060217		Spike, Variable	*Elliptio icterina*
060218		Mucket, tidewater	*Leptodea ochracea*
060219		Supercoil, Pearl	*Paravitrea calcicol*
060220		Slitmouth, Pygmy	*Stenotrema pilula*
060221		Pondhorn, Florida	*Uniomerus carolin*
060222		Dome, Crossed	*Ventridens decussa*
060223		Elliptio complex	*Elliptio sp.*
060224		lanceolate Elliptio	*Elliptio sp. (lance)*
060225		Clam, unknown fingernail	*Sphaerium sp.*
060226		Clam, unknown pea	*Pisidium sp.*
060227		CLAM, UNKNOWN FINGERNAIL	*Musculium sp.*
060228		PHYSA, UNKNOWN	*Physella sp.*
060229		LIMPET, UNKNOWN	*Ferrissia sp.*
060230		Elimia, coal	*Elimia aterina*

*FE=Federal Endangered; FT=Federal Threatened; FC=Federal Candidate; FS=Federal Species of Concern (not a leg
Virginia Field OFffice); SE=State Endangered; ST=State Threatened; SS=State Special Concern (not a legal status).

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Virginia Fish and Wildlife Information Service

Database Report

Database Report for in **Hanover, VA**

Biota of Virginia Records:: **20** total records found.

BOVA CODE	Status	Common Name	Scientific Name
060003	FESE	Wedgemussel, dwarf	Alasmidonta heterodon
040093	FTST	Eagle, bald	Haliaeetus leucocephalus
040292	FS	Shrike, migrant loggerhead	Lanius ludovicianus migrans
040320	FS	Warbler, cerulean	Dendroica cerulea
060029	FSS/10	Lance, yellow	Elliptio lanceolata No
060071	FSS	Lampmussel, yellow	Lampsilis cariosa
060081	FSSS	Floater, green	Lasmigona subviridis
050034	SE	Bat, eastern big-eared	Plecotus rafinesquii macrotis
040293	ST	Shrike, loggerhead	Lanius ludovicianus
020005	SS	Frog, carpenter	Rana virgatipes
040029	SS	Heron, little blue	Egretta caerulea caerulea
040032	SS	Egret, great	Ardea alba egretta
040189	SS	Tern, Caspian	Sterna caspia
040204	SS	Owl, barn	Tyto alba pratincola
040264	SS	Creeper, brown	Certhia americana
040278	SS	Thrush, hermit	Catharus guttatus
040314	SS	Warbler, magnolia	Dendroica magnolia
040364	SS	Dickcissel	Spiza americana
040366	SS	Finch, purple	Carpodacus purpureus
050045	SS	Otter, northern river	Lontra canadensis lataxina

Scientific Collection Records:: 17 total records found.

Collection ID	Date	Collector
545		VDGIF
546		VDGIF
3048		M.B. Riddick, 1973
3049		M.B. Riddick, 1973
4009	8/28/1991	Richard Neves; VPI & SU
4965		B. Moores
6030	3/12/1995	M.A. Byrd, W&M, K. Cline, VDGIF
8088	6/6/1994	RICHARD NEVES, C. GATENBY, M. LATHAM, D. NEVES
8699	6/6/1994	C. GATENBY, VPI&SU, R. NEVES, D. NEVES
24606		
50615	8/14/1997	Brian Saunders, VDGIF
54859		DR. RICHARD J. NEVES, FISHERIES AND WILDLIFE SCIENCES, VA TECH
55600	8/28/1991	NEVES, POWELL, AND O'CONNELL, VIRGINIA COOPERATIVE FISH AND WILDLIFE UNIT, VA TECH
58449	10/18/1996	C.S. HOBSON, S.M. ROBLE
58545	3/1/2000	M.A. Byrd, W&M
62296	11/3/1997	Brian Saunders
65572	9/18/2001	JOHN M. ALDERMAN (PRINCIPLE PERMITTEE)

VA Breeding Bird Survey (BBS) Route Records:: 1 total records found.

BBS ID	Route Name
88026	HALL

VA Breeding Bird Atlas (BBA) Records:: **8** total records found.

BBA ID	Atlas Map
5310*3	Manquin, CW
5310*5	Manquin, SW
5209*3	Seven Pines, CW
5209*4	Seven Pines, CE
5211*5	Hanover, SW
5110*4	Yellow Tavern, CE
5110*6	Yellow Tavern, SE
5011*6	Hanover Academy, SE

Christmas Bird Count (CBC) Circle Records:: **0** total records found.

No Records Found.

Anadromous Fish Use Reaches

No Records Found

Threatened and Endangered Species Waters **1** total records found.

Record ID	Stream Name	Designation
167	South Anna River 2	F/S

Colonial Waterbird(CWB) Survey Records:: 2 total records found.

CWB ID	Survey Name
306	Chickahominy River at Brandy Branch
307	Chickahominy River South of Barkers Mill

Cold Water Stream Survey (CWSS) Records

No Records found.

Imediments

No Records Found

HANOVER COUNTY, VIRGINIA
Federally Listed, Proposed, and Candidate Species

SCIENTIFIC NAME	COMMON NAME	STATUS
BIRDS		
Haliaeetus leucocephalus	Bald eagle	LT
INVERTEBRATES		
Alasmidonta heterodon	Dwarf wedgemussel	LE
VASCULAR PLANTS		
Aeschynomene virginica[1]	Sensitive joint-vetch	LT
Helonias bullata[2]	Swamp pink	LT
Isotria medeoloides[2]	Small whorled pogonia	LT

Species of Concern

INVERTEBRATES		
Elliptio lanceolata	Yellow lance	G3
Lasmigona subviridis	Green floater	G3
Sigara depressa	Virginia Piedmont water boatmen	G1G3
VASCULAR PLANTS		
Chamaecrista fasciculata var. macrosperma[1]	Marsh senna	G5T2

[1]This species has been documented in an adjacent county and may occur in this county.
[2]This species has been documented in an adjacent county & may occur in this county east of I-95.

November 12, 2002
Prepared by U.S. Fish and Wildlife Service, Virginia Field Office

Project Review Report

List of threatened and endangered species and wildlife resources known or likely to occur within a **2 mile radius of Hanover County (point 809856 4183698 17)** in **085 Hanover, VA.** This report is compiled on 6/8/2004,9:47:01 PM

Threatened and Endangered Species Occurrences.

Bova Code	Status*	Common Name	Scientific Name	Confirmed	Database (s)
040093	FTST	Eagle, bald	Haliaeetus leucocephalus	No	BOVA
040292	FS	Shrike, migrant loggerhead	Lanius ludovicianus migrans	No	BOVA
040320	FS	Warbler, cerulean	Dendroica cerulea	No	BOVA
060029	FSSS	Lance, yellow	Elliptio lanceolata	No	BOVA
060071	FSSS	Lampmussel, yellow	Lampsilis cariosa	No	BOVA
060081	FSSS	Floater, green	Lasmigona subviridis	No	BOVA
050034	SE	Bat, eastern big-eared	Plecotus rafinesquii macrotis	No	BOVA
040293	ST	Shrike, loggerhead	Lanius ludovicianus	No	BOVA
040129	ST	Sandpiper, upland	Bartramia longicauda	No	BOVA ?
040189	SS	Tern, Caspian	Sterna caspia	No	BOVA
040204	SS	Owl, barn	Tyto alba pratincola	No	BOVA
040262	SS	Nuthatch, red-breasted	Sitta canadensis	No	BOVA
040264	SS	Creeper, brown	Certhia americana	No	BOVA
040266	SS	Wren, winter	Troglodytes troglodytes	No	BOVA
040278	SS	Thrush, hermit	Catharus guttatus	No	BOVA
040285	SS	Kinglet, golden-crowned	Regulus satrapa	No	BOVA

040314	SS	Warbler, magnolia	Dendroica magnolia	No	BOVA
040094	SS	Harrier, northern	Circus cyaneus	No	BOVA
040112	SS	Moorhen, common	Gallinula chloropus cachinnans	No	BOVA
020005	SS	Frog, carpenter	Rana virgatipes	No	BOVA
040029	SS	Heron, little blue	Egretta caerulea caerulea	Yes	Collections, BBA
040032	SS	Egret, great	Ardea alba egretta	No	BOVA
040036	SS	Night-heron, yellow-crowned	Nyctanassa violacea violacea	No	BOVA
050045	SS	Otter, northern river	Lontra canadensis lataxina	No	BOVA
040364	SS	Dickcissel	Spiza americana	No	BOVA
040366	SS	Finch, purple	Carpodacus purpureus	No	BOVA

*FE=Federal Endangered; FT=Federal Threatened; FC=Federal Candidate; FS=Federal Species of Concern (not a legal status; list maintained by USFWS Virginia Field Office); SE=State Endangered; ST=State Threatened; SS=State Special Concern (not a legal status).

Anadromous Fish Use Reaches Records - No Records found.

Colonial WaterBird (CWB) Survey Records - No Records found.

Threatened and Endangered Species Waters - No Records found.

Cold Water Stream Survey (CWSS) Reaches - No Records found.

Commonwealth of Virginia Land Holdings

No records found for the search area.

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Complied 6/8/2004 Institution 22076

Natural Heritage Resources by County

Your Search Criteria:
Hanover County(ies)
Taxonomic Group:
Search run: 05-13-2004

See Map

On the map page, set page orientation to landscape to print map.
Click highlighted scientific names below to go to NatureServe report.

Search Menu

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	Last Year Observed
Hanover						
AMPHIBIANS						
Ambystoma tigrinum	Tiger Salamander	G5	S1		LE	1973
BIRDS						
Haliaeetus leucocephalus	Bald Eagle	G4	S2S3B,S3N	LT	LT	2002
BIVALVIA (MUSSELS)						
Alasmidonta heterodon	Dwarf Wedgemussel	G1G2	S1	LE	LE	1972
Elliptio lanceolata	Yellow Lance	G2G3	S2S3	SOC	SC	1991
Lampsilis cariosa	Yellow Lampmussel	G3G4	S2		SC	1991
Lampsilis radiata	Eastern Lampmussel	G5	S2S3		SC	1985
Lasmigona subviridis	Green Floater	G3	S2		SC	1972
COMMUNITIES						
Natural Community	Mountain / Piedmont Basic Woodland	GNR	SNR			1995
LEPIDOPTERA (BUTTERFLIES & MOTHS)						
Boloria selene	Silver-bordered Fritillary	G5	S2			1939
VASCULAR PLANTS						
Desmodium tenuifolium	Slim-leaf Tick-trefoil	G4	S1			1978
Mimosa quadrivalvis var. angustata						

	Little-leaf Sensitive-briars	G5T5	S2	1986
Sarracenia purpurea ssp. venosa	Southern Purple Pitcher-plant	G5T3T5	S2	1987
Tetragonotheca helianthoides	Pineland Squarehead	G5	S1	1972

Note: On-line queries provide basic information from DCR's databases at the time of the request. They are NOT to be substituted for a project review or for on-site surveys required for environmental assessments of specific project areas.

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Return to the Online Information page

Virginia Fish and Wildlife Information Service

Database Report

Database Report for in **Orange, VA**

Biota of Virginia Records:: **20** total records found.

BOVA CODE	Status	Common Name	Scientific Name
040093	FTST	Eagle, bald	Haliaeetus leucocephalus
040292	FS	Shrike, migrant loggerhead	Lanius ludovicianus migrans
060029	FSSS	Lance, yellow	Elliptio lanceolata
100248	FS	Fritillary, regal	Speyeria idalia idalia
040293	ST	Shrike, loggerhead	Lanius ludovicianus
010077	SS	Shiner, bridle	Notropis bifrenatus
040032	SS	Egret, great	Ardea alba egretta
040094	SS	Harrier, northern	Circus cyaneus
040189	SS	Tern, Caspian	Sterna caspia
040204	SS	Owl, barn	Tyto alba pratincola
040213	SS	Owl, northern saw-whet	Aegolius acadicus
040262	SS	Nuthatch, red-breasted	Sitta canadensis
040264	SS	Creeper, brown	Certhia americana
040266	SS	Wren, winter	Troglodytes troglodytes
040278	SS	Thrush, hermit	Catharus guttatus
040285	SS	Kinglet, golden-crowned	Regulus satrapa
040314	SS	Warbler, magnolia	Dendroica magnolia
040364	SS	Dickcissel	Spiza americana
040366	SS	Finch, purple	Carpodacus purpureus
050045	SS	Otter, northern river	Lontra canadensis lataxina

Scientific Collection Records:: **26** total records found.

Collection ID	Date	Collector
966		
967		
968		
4304		Donald R. Ober
4388		Donale R. Ober
4470		Donald R. Ober
4471		Donald R. Ober
4555		Donald R. Ober
4569		Donald R. Ober
4570		Donald R. Ober
4580		Donald R. Ober
4581		Donald R. Ober
4582		Donald R. Ober
4583		Donald R. Ober
4584		Donald R. Ober
5326	6/3/1991	Don Ober
5327	6/6/1991	Don Ober
5328	6/4/1991	Don Ober
5329	6/5/1991	Don Ober
5330	6/3/1991	Don Ober
5331	5/9/1991	Don Ober
5333	6/5/1991	Don Ober
6135	8/10/1992	Sue A. Bruenderman, VDGIF
8085	6/23/1992	R. NEVES, J. BURRESS, VIRGINIA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT.
30177	1/1/1933	GSM-MYERS
58444	10/31/1996	C.S. HOBSON, S.M. ROBLE

VA Breeding Bird Survey (BBS) Route Records:: **0** total records found.

No Records Found.

VA Breeding Bird Atlas (BBA) Records:: **12** total records found.

BBA ID	Atlas Map
4714*1	Lahore, NW
4715*6	Unionville, SE
4716*6	Culpeper East, SE
4614*1	Orange, NW
4615*3	Rapidan, CW
4615*4	Rapidan, CE
4615*5	Rapidan, SW
4615*6	Rapidan, SE
4514*3	Gordonsville, CW
4514*6	Gordonsville, SE
4515*6	Madison Mills, SE
4415*6	Rochelle, SE

Christmas Bird Count (CBC) Circle Records:: 3 total records found.

CBC ID	Circle Name
88*0052	Chancellorsville
88*0049	Gordonsville
88*0047	Lake Anna

Anadromous Fish Use Reaches

No Records Found

Threatened and Endangered Species Waters **0** total records found.

No Records Found.

Colonial Waterbird(CWB) Survey Records:: **0** total records found.

No Records Found.

Cold Water Stream Survey (CWSS) Records

No Records found.

Imediments

No Records Found

ORANGE COUNTY, VIRGINIA
Federally Listed, Proposed, and Candidate Species

SCIENTIFIC NAME	COMMON NAME	STATUS
INVERTEBRATES		
Alasmidonta heterodon[1]	Dwarf wedgemussel	LE

Species of Concern

INVERTEBRATES		
Elliptio lanceolata	Yellow lance	G3
Lasmigona subviridis	Green Floater	G3
Speyeria idalia	Regal fritillary	G3

[1]This species has been documented in an adjacent county and may occur in this county.

September 19, 2002
Prepared by U.S. Fish and Wildlife Service, Virginia Field Office

Natural Heritage Resources by County

Your Search Criteria:
Orange County(ies)
Taxonomic Group:
Search run: 05-13-2004

See Map

On the map page, set page orientation to landscape to print map.
Click highlighted scientific names below to go to NatureServe report.

Search Menu

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	Last Year Observed
Orange						
BIVALVIA (MUSSELS)						
Elliptio lanceolata	Yellow Lance	G2G3	S2S3	SOC	SC	ND
Lasmigona subviridis	Green Floater	G3	S2		SC	ND
COMMUNITIES						
Natural Community	Basic Mesic Forest	GNR	SNR			1992
Natural Community	Basic Oak - Hickory Forest	GNR	SNR			1992
VASCULAR PLANTS						
Desmodium sessilifolium	Sessile-leaf Tick-trefoil	G5	S2			1982

Concern

Note: On-line queries provide basic information from DCR's databases at the time of the request. They are NOT to be substituted for a project review or for on-site surveys required for environmental assessments of specific project areas.

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Want to Contribute? If you have information on locations of natural heritage resources, please fill out and submit a rare species sighting form

Project Review Report

List of threatened and endangered species and wildlife resources known or likely to occur within a **2 mile radius of Orange (point 752821 4236771 17)** in **137 Orange, VA.** This report is compiled on 6/8/2004,9:51:40 PM

Threatened and Endangered Species Occurrences.

Bova Code	Status*	Common Name	Scientific Name	Confirmed	Database (s)
040093	FTST	Eagle, bald	Haliaeetus leucocephalus	No	BOVA
040320	FS	Warbler, cerulean	Dendroica cerulea	No	BOVA
040292	FS	Shrike, migrant loggerhead	Lanius ludovicianus migrans	No	BOVA
060029	FSSS	Lance, yellow	Elliptio lanceolata	No	BOVA
100248	FS	Fritillary, regal	Speyeria idalia idalia	No	BOVA
040293	ST	Shrike, loggerhead	Lanius ludovicianus	Yes	BBA
040129	ST	Sandpiper, upland	Bartramia longicauda	No	BOVA
040189	SS	Tern, Caspian	Sterna caspia	No	BOVA
040204	SS	Owl, barn	Tyto alba pratincola	Yes	Collections, BBA
040262	SS	Nuthatch, red-breasted	Sitta canadensis	No	BOVA
040264	SS	Creeper, brown	Certhia americana	No	BOVA
040266	SS	Wren, winter	Troglodytes troglodytes	No	BOVA
040278	SS	Thrush, hermit	Catharus guttatus	No	BOVA
040285	SS	Kinglet, golden-crowned	Regulus satrapa	No	BOVA
040364	SS	Dickcissel	Spiza americana	No	BOVA
040366	SS	Finch, purple	Carpodacus purpureus	No	BOVA
050045	SS	Otter, northern river	Lontra canadensis lataxina	No	BOVA
040094	SS	Harrier,	Circus cyaneus	No	BOVA

		northern			
040112	SS	Moorhen, common	Gallinula chloropus cachinnans	No	BOVA
010077	SS	Shiner, bridle	Notropis bifrenatus	No	BOVA
040032	SS	Egret, great	Ardea alba egretta	Yes	BBA
040314	SS	Warbler, magnolia	Dendroica magnolia	No	BOVA

*FE=Federal Endangered; FT=Federal Threatened; FC=Federal Candidate; FS=Federal Species of Concern (not a legal status; list maintained by USFWS Virginia Field Office); SE=State Endangered; ST=State Threatened; SS=State Special Concern (not a legal status).

Anadromous Fish Use Reaches Records - No Records found.

Colonial WaterBird (CWB) Survey Records - No Records found.

Threatened and Endangered Species Waters - No Records found.

Cold Water Stream Survey (CWSS) Reaches - No Records found.

Commonwealth of Virginia Land Holdings

No records found for the search area.

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Complied 6/8/2004 Institution 22079

Virginia Fish and Wildlife Information Service

Database Report

Database Report for in **Louisa, VA**

Biota of Virginia Records:: **18** total records found.

BOVA CODE	Status	Common Name	Scientific Name
060003	FESE	Wedgemussel, dwarf	Alasmidonta heterodon
040093	FTST	Eagle, bald	Haliaeetus leucocephalus
040292	FS	Shrike, migrant loggerhead	Lanius ludovicianus migrans
060029	FSSS	Lance, yellow	Elliptio lanceolata
060081	FSSS	Floater, green	Lasmigona subviridis
040293	ST	Shrike, loggerhead	Lanius ludovicianus
010077	SS	Shiner, bridle	Notropis bifrenatus
040094	SS	Harrier, northern	Circus cyaneus
040189	SS	Tern, Caspian	Sterna caspia
040204	SS	Owl, barn	Tyto alba pratincola
040262	SS	Nuthatch, red-breasted	Sitta canadensis
040264	SS	Creeper, brown	Certhia americana
040266	SS	Wren, winter	Troglodytes troglodytes
040278	SS	Thrush, hermit	Catharus guttatus
040285	SS	Kinglet, golden-crowned	Regulus satrapa
040314	SS	Warbler, magnolia	Dendroica magnolia
040366	SS	Finch, purple	Carpodacus purpureus
050045	SS	Otter, northern river	Lontra canadensis lataxina

Scientific Collection Records:: **10** total records found.

Collection ID	Date	Collector
3047	10/21/1991	Div. Natural Heritage
5579		Robert V. Leffers, Jr.
6288	11/13/1993	Phillip Stevenson
6289	11/13/1993	Phillip Stevenson
6295	11/21/1993	Phillip Stevenson
6302	10/8/1993	Phillip Stevenson
7458	5/18/1995	RICHARD NEVES
8636	5/18/1995	R.J. NEVES VIRGINIA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT, C. GATENBY, B. VAUGHAN
58829	11/21/1993	Phillip Stevenson
66898	11/1/2000	STEPHEN BUSACK (PRINCIPLE PERMITTEE), NC STATE MUSEUM OF NATURAL SCIENCES, PHILIP CALLEN (COLLECTOR)

VA Breeding Bird Survey (BBS) Route Records:: 1 total records found.

BBS ID	Route Name
88026	HALL

VA Breeding Bird Atlas (BBA) Records:: **8** total records found.

BBA ID	Atlas Map
4711*6	South Anna, SE
4712*6	Pendleton, SE
4713*6	Mineral, SE
4812*6	Buckner, SE
4612*6	Ferncliff, SE
4513*3	Boswells Tavern, CW
4513*6	Boswells Tavern, SE
4514*6	Gordonsville, SE

Christmas Bird Count (CBC) Circle Records:: 2 total records found.

CBC ID	Circle Name
88*0049	Gordonsville
88*0047	Lake Anna

Anadromous Fish Use Reaches

No Records Found

Threatened and Endangered Species Waters **1** total records found.

Record ID	Stream Name	Designation
166	South Anna River 1	F/S

Colonial Waterbird(CWB) Survey Records:: **0** total records found.

No Records Found.

Cold Water Stream Survey (CWSS) Records

No Records found.

Imediments

No Records Found

LOUISA COUNTY, VIRGINIA
Federally Listed, Proposed, and Candidate Species

SCIENTIFIC NAME	COMMON NAME	STATUS
INVERTEBRATES		
Alasmidonta heterodon	Dwarf wedgemussel ✓	LE

Species of Concern

INVERTEBRATES		
Elliptio lanceolata	Yellow lance ✓	G3
Lasmigona subviridis	Green floater ✓	G3

February 8, 2001
Prepared by U.S. Fish and Wildlife Service, Virginia Field Office

Project Review Report

List of threatened and endangered species and wildlife resources known or likely to occur within a **2 mile radius of Louisa (point 762949 4212620 17)** in **109 Louisa, VA.** This report is compiled on 6/8/2004,9:49:28 PM

Threatened and Endangered Species Occurrences.

Bova Code	Status*	Common Name	Scientific Name	Confirmed	Database(s)
040093	FTST	Eagle, bald	Haliaeetus leucocephalus	No	BOVA
060121	FC Concern	Kidneyshell, fluted	Ptychobranchus subtentum	No	BOVA
060029	FSSS	Lance, yellow	Elliptio lanceolata	No	BOVA
040292	FS	Shrike, migrant loggerhead	Lanius ludovicianus migrans	No	BOVA
040320	FS	Warbler, cerulean	Dendroica cerulea	No	BOVA
040129	ST	Sandpiper, upland	Bartramia longicauda	No	BOVA
040293	ST	Shrike, loggerhead	Lanius ludovicianus	No	BOVA
040314	SS	Warbler, magnolia	Dendroica magnolia	No	BOVA
040189	SS	Tern, Caspian	Sterna caspia	No	BOVA
040204	SS	Owl, barn	Tyto alba pratincola	No	BOVA
040262	SS	Nuthatch, red-breasted	Sitta canadensis	No	BOVA
040264	SS	Creeper, brown	Certhia americana	No	BOVA
040266	SS	Wren, winter	Troglodytes troglodytes	No	BOVA
040278	SS	Thrush, hermit	Catharus guttatus	No	BOVA
040285	SS	Kinglet, golden-crowned	Regulus satrapa	No	BOVA
040364	SS	Dickcissel	Spiza americana	No	BOVA
040366	SS	Finch, purple	Carpodacus	No	BOVA

			purpureus		
050045	SS	Otter, northern river	Lontra canadensis lataxina	No	BOVA
040094	SS	Harrier, northern	Circus cyaneus	No	BOVA
040112	SS	Moorhen, common	Gallinula chloropus cachinnans	No	BOVA
010077	SS	Shiner, bridle	Notropis bifrenatus	No	BOVA
040032	SS	Egret, great	Ardea alba egretta	No	BOVA

*FE=Federal Endangered; FT=Federal Threatened; FC=Federal Candidate; FS=Federal Species of Concern (not a legal status; list maintained by USFWS Virginia Field Office); SE=State Endangered; ST=State Threatened; SS=State Special Concern (not a legal status).

Anadromous Fish Use Reaches Records - No Records found.

Colonial WaterBird (CWB) Survey Records - No Records found.

Threatened and Endangered Species Waters - No Records found.

Cold Water Stream Survey (CWSS) Reaches - No Records found.

Commonwealth of Virginia Land Holdings

No records found for the search area.

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Complied 6/8/2004 Institution 22076

Natural Heritage Resources by County

Your Search Criteria:
Louisa County(ies)
Taxonomic Group:
Search run: 05-13-2004

See Map

On the map page, set page orientation to landscape to print map.
Click highlighted scientific names below to go to NatureServe report.

Search Menu

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	Last Year Observed
Louisa						
BIVALVIA (MUSSELS)						
Alasmidonta heterodon	Dwarf Wedgemussel	G1G2	S1	LE	LE	1991
Elliptio lanceolata	Yellow Lance	G2G3	S2S3	SOC	SC	1995
ODONATA (DRAGONFLIES & DAMSELFLIES)						
Stylurus laurae	Laura's Clubtail	G4	S2			ND
VASCULAR PLANTS						
Triadenum tubulosum	Large Marsh St. John's-wort	G4?	S1			1971

Note: On-line queries provide basic information from DCR's databases at the time of the request. They are NOT to be substituted for a project review or for on-site surveys required for environmental assessments of specific project areas.

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Database Report

Database Report for in **Caroline, VA**

Biota of Virginia Records:: **21** total records found.

BOVA CODE	Status	Common Name	Scientific Name
040228	FESE	Woodpecker, red-cockaded	Picoides (= Dendrocopos) borealis
040093	FTST	Eagle, bald	Haliaeetus leucocephalus
200011	FTSE	Small whorled pogonia	Isotria medeoloides
200012	FTSE	Swamp-pink	Helonias bullata
040292	FS	Shrike, migrant loggerhead	Lanius ludovicianus migrans
040385	FSST	Sparrow, Bachman's	Aimophila aestivalis
060029	FSSS	Lance, yellow	Elliptio lanceolata
060071	FSSS	Lampmussel, yellow	Lampsilis cariosa
040293	ST	Shrike, loggerhead	Lanius ludovicianus
050008	ST	Shrew, Dismal Swamp southeastern	Sorex longirostris fisheri
010077	SS	Shiner, bridle	Notropis bifrenatus
020005	SS	Frog, carpenter	Rana virgatipes
040094	SS	Harrier, northern	Circus cyaneus
040189	SS	Tern, Caspian	Sterna caspia
040204	SS	Owl, barn	Tyto alba pratincola
040264	SS	Creeper, brown	Certhia americana
040278	SS	Thrush, hermit	Catharus guttatus
040314	SS	Warbler, magnolia	Dendroica magnolia
040364	SS	Dickcissel	Spiza americana
040366	SS	Finch, purple	Carpodacus purpureus
050045	SS	Otter, northern river	Lontra canadensis lataxina

Plant

Scientific Collection Records:: **146** total records found.

Collection ID	Date	Collector
451		
455		M.A. Byrd, W&M, D. Bradshaw, VDGIF
456		
457		
3721		VDACS
3722		VDACS
4107	6/16/1992	JOSEPH C. MITCHELL, UNIV. OF RICHMOND
4195	8/27/1991	Chris Pague, Kurt A. Buhlmann, Division of Natural Heritage
4351		VDACS
4384		VDACS
4454		VDACS
4455		VDACS
4456		VDACS
6000	3/11/1995	M.A. Byrd, W&M, K. Cline, VDGIF
6660	3/31/1994	Steven M. Roble
7626	10/22/1994	PHILIP H. STEVENSON
8504	3/9/1996	M.A.Byrd, W&M, K.Cline, VDGIF
10183	10/10/1983	W. and L. Starnes
15861	11/11/1966	WOOLCOTT, LOOS, ET AL
15882	10/23/1970	MILLSAPS ET AL.
15885	7/1/1969	VIMS
24303		
24542		
45011	5/1/2003	Bryan Watts
45012	5/1/2003	Bryan Watts
45013	5/1/2003	Bryan Watts
45043	5/1/2003	Bryan Watts
50390	3/1/1996	M.A. Byrd, W&M, Keith Cline, VDGIF
50392	3/1/1996	M.A. Byrd, W&M, Keith Cline, VDGIF
52233	5/22/1995	Joe Mitchell, U of R

Virginia Fish and Wildlife Information Service

52234	5/29/1995	Joe Mitchell, U of R
52239	7/3/1995	Joe Mitchell, U of R
52255	4/24/1995	Joe Mitchell, U of R
52256	5/1/1995	Joe Mitchell, U of R
52257	5/8/1995	Joe Mitchell, U of R
52258	5/15/1995	Joe Mitchell, U of R
52261	6/5/1995	Joe Mitchell, U of R
52262	6/12/1995	Joe Mitchell, U of R
52263	6/19/1995	Joe Mitchell, U of R
52264	6/26/1995	Joe Mitchell, U of R
52265	7/3/1995	Joe Mitchell, U of R
52266	7/10/1995	Joe Mitchell, U of R
52267	7/17/1995	Joe Mitchell, U of R
52268	7/24/1995	Joe Mitchell, U of R
52269	7/31/1995	Joe Mitchell, U of R
52270	8/7/1995	Joe Mitchell, U of R
52271	8/14/1995	Joe Mitchell, U of R
52272	8/21/1995	Joe Mitchell, U of R
52281	4/24/1995	Joe Mitchell, U of R
52282	5/1/1995	Joe Mitchell, U of R
52283	5/8/1995	Joe Mitchell, U of R
52284	5/15/1995	Joe Mitchell, U of R
52286	5/29/1995	Joe Mitchell, U of R
52288	6/12/1995	Joe Mitchell, U of R
52289	6/19/1995	Joe Mitchell, U of R
52290	6/26/1995	Joe Mitchell, U of R
52291	7/3/1995	Joe Mitchell, U of R
52292	7/10/1995	Joe Mitchell, U of R
52293	7/17/1995	Joe Mitchell, U of R
52294	7/24/1995	Joe Mitchell, U of R
52295	7/31/1995	Joe Mitchell, U of R

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52296	8/7/1995	Joe Mitchell, U of R
52297	8/14/1995	Joe Mitchell, U of R
52298	8/21/1995	Joe Mitchell, U of R
52308	5/1/1995	Joe Mitchell, U of R
52309	5/8/1995	Joe Mitchell, U of R
52310	5/15/1995	Joe Mitchell, U of R
52312	5/29/1995	Joe Mitchell, U of R
52313	6/5/1995	Joe Mitchell, U of R
52314	6/12/1995	Joe Mitchell, U of R
52315	6/19/1995	Joe Mitchell, U of R
52316	6/26/1995	Joe Mitchell, U of R
52317	7/3/1995	Joe Mitchell, U of R
52318	7/10/1995	Joe Mitchell, U of R
52319	7/17/1995	Joe Mitchell, U of R
52320	7/24/1995	Joe Mitchell, U of R
52321	7/31/1995	Joe Mitchell, U of R
52322	8/7/1995	Joe Mitchell, U of R
52323	8/14/1995	Joe Mitchell, U of R
52324	8/21/1995	Joe Mitchell, U of R
52333	4/24/1995	Joe Mitchell, U of R
52334	5/1/1995	Joe Mitchell, U of R
52335	5/8/1995	Joe Mitchell, U of R
52336	5/15/1995	Joe Mitchell, U of R
52338	5/29/1995	Joe Mitchell, U of R
52339	6/5/1995	Joe Mitchell, U of R
52341	6/19/1995	Joe Mitchell, U of R
52342	6/26/1995	Joe Mitchell, U of R
52343	7/3/1995	Joe Mitchell, U of R
52344	7/10/1995	Joe Mitchell, U of R
52345	7/17/1995	Joe Mitchell, U of R
52346	7/24/1995	Joe Mitchell, U of R

Virginia Fish and Wildlife Information Service

52347	7/31/1995	Joe Mitchell, U of R
52348	8/7/1995	Joe Mitchell, U of R
52349	8/14/1995	Joe Mitchell, U of R
52350	8/21/1995	Joe Mitchell, U of R
52359	4/24/1995	Joe Mitchell, U of R
52360	5/1/1995	Joe Mitchell, U of R
52361	5/8/1995	Joe Mitchell, U of R
52362	5/15/1995	Joe Mitchell, U of R
52364	5/29/1995	Joe Mitchell, U of R
52365	6/5/1995	Joe Mitchell, U of R
52366	6/12/1995	Joe Mitchell, U of R
52367	6/19/1995	Joe Mitchell, U of R
52368	6/26/1995	Joe Mitchell, U of R
52369	7/3/1995	Joe Mitchell, U of R
52370	7/10/1995	Joe Mitchell, U of R
52371	7/17/1995	Joe Mitchell, U of R
52372	7/24/1995	Joe Mitchell, U of R
52373	7/31/1995	Joe Mitchell, U of R
52374	8/7/1995	Joe Mitchell, U of R
52375	8/14/1995	Joe Mitchell, U of R
52376	8/21/1995	Joe Mitchell, U of R
52377	8/28/1995	Joe Mitchell, U of R
52378	9/4/1995	Joe Mitchell, U of R
53627	6/17/1993	DNH
54256	4/29/1995	NED GILMORE AND LORI WEST, VIRGINIA HERPETOLOGICAL SOCIETY
56116	1/1/1999	L. Sausville, VDGIF
57064	5/1/1999	Mitchell A Byrd, VDGIF, Bryan Watts, VDGIF
57085	5/1/1999	Mitchell A Byrd, VDGIF, Bryan Watts, VDGIF
58374	4/1/1999	Joseph C. Mitchell (principle permittee), Wendy H Mitchell, Todd Georgel, Scott Bellows, and Don, Church, Department of Biology, U of R
58452	9/13/1995	C.S. HOBSON, L. BERLINHOFF, B. PAYST
58578	3/1/2000	M.A. Byrd, W&M

Virginia Fish and Wildlife Information Service

58579	3/1/2000	M.A. Byrd, W&M
63268	4/29/1995	Ron Southwick (Principle Permittee), Virginia Herpetological Society
63269	4/29/1995	Ron Southwick (Principle Permittee), Virginia Herpetological Society
63362	5/1/2001	Mitchell A Byrd, VDGIF, Bryan Watts, VDGIF
63364	5/1/2001	Mitchell A Byrd, VDGIF, Bryan Watts, VDGIF
63365	5/1/2001	Mitchell A Byrd, VDGIF, Bryan Watts, VDGIF
63382	5/1/2001	Mitchell A Byrd, VDGIF, Bryan Watts, VDGIF
63383	5/1/2001	Mitchell A Byrd, VDGIF, Bryan Watts, VDGIF
63384	5/1/2001	Mitchell A Byrd, VDGIF, Bryan Watts, VDGIF
64388	7/8/1999	dave desaute (principle permittee)
65013	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
65014	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
65015	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
65016	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
65017	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
65018	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
65019	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
65020	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
65021	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
65022	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
65023	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
65024	10/1/2000	JOSEPH C. MITCHELL (PRINCIPLE PERMITTEE), DEPT. BIOLOGY UNIV. RICHMOND, JOE MITCHELL AND TODD GEORGEL (COLLECTORS)
67963	5/1/2002	Bryan Watts

VA Breeding Bird Survey (BBS) Route Records:: 1 total records found.

BBS ID	Route Name
88010	PORT ROYAL

VA Breeding Bird Atlas (BBA) Records:: **11** total records found.

BBA ID	Atlas Map
5413*1	Loretto, NW
5312*1	Sparta, NW
5313*4	Supply, CE
5314*4	Port Royal, CE
5314*6	Port Royal, SE
5211*5	Hanover, SW
5214*2	Rappahannock Academy, NE
5214*4	Rappahannock Academy, CE
5215*5	Passapatanzy, SW
5215*6	Passapatanzy, SE
5114*2	Guinea, NE

Christmas Bird Count (CBC) Circle Records:: **0** total records found.

No Records Found.

Anadromous Fish Use Reaches

No Records Found

Threatened and Endangered Species Waters **1** total records found.

Record ID	Stream Name	Designation
167	South Anna River 2	F/S

Colonial Waterbird(CWB) Survey Records:: **0** total records found.

No Records Found.

Cold Water Stream Survey (CWSS) Records

No Records found.

Imediments

No Records Found

CAROLINE COUNTY, VIRGINIA
Federally Listed, Proposed, and Candidate Species

SCIENTIFIC NAME	COMMON NAME	STATUS
BIRDS		
Haliaeetus leucocephalus[1]	Bald eagle	LT
VASCULAR PLANTS		
Aeschynomene virginica[2]	Sensitive joint-vetch	LT
Helonias bullata	Swamp pink	LT
Isotria medeoloides	Small whorled pogonia	LT

Species of Concern

BIRDS		
Aimophila aestivalis	Bachman's sparrow	G3
INVERTEBRATES		
Sigara depressa	Virginia piedmont water boatman	G1G3
Stygobromus indentatus	Tidewater amphipod	G2G3
VASCULAR PLANTS		
Chamaecrista fasciculata var. macrosperma[2]	Marsh senna	G5T2
Desmodium ochroleucum	Creamflower tick-trefoil	G2G3
Eriocaulan parkeri	Parker's pipewort	G3
Juncus caesariensis	New Jersey rush	G2
Sabatia kennedyana	Plymouth gentian	G3

[1]Nesting occurs in this county; concentrated shoreline use has been documented on the Rappahannock River.
[2]This species has been documented in an adjacent county and may occur in this county.

May 29, 2001
Prepared by U.S. Fish and Wildlife Service, Virginia Field Office

Project Review Report

List of threatened and endangered species and wildlife resources known or likely to occur within a **2 mile radius of Caroline County (point 820376 4215599 17)** in **033 Caroline, VA.** This report is compiled on 6/8/2004,9:48:22 PM

Threatened and Endangered Species Occurrences.

Bova Code	Status*	Common Name	Scientific Name	Confirmed	Database(s)
040093	FTST	Eagle, bald	Haliaeetus leucocephalus	No	BOVA
040292	FS	Shrike, migrant loggerhead	Lanius ludovicianus migrans	No	BOVA
040320	FS	Warbler, cerulean	Dendroica cerulea	No	BOVA
040385	FSST	Sparrow, Bachmans	Aimophila aestivalis	No	BOVA
040293	ST	Shrike, loggerhead	Lanius ludovicianus	No	BOVA
040129	ST	Sandpiper, upland	Bartramia longicauda	No	BOVA
040180	SS	Tern, Forsters	Sterna forsteri	No	BOVA
040189	SS	Tern, Caspian	Sterna caspia	No	BOVA
040204	SS	Owl, barn	Tyto alba pratincola	No	BOVA
040262	SS	Nuthatch, red-breasted	Sitta canadensis	No	BOVA
040264	SS	Creeper, brown	Certhia americana	No	BOVA
040266	SS	Wren, winter	Troglodytes troglodytes	No	BOVA
040278	SS	Thrush, hermit	Catharus guttatus	No	BOVA
040285	SS	Kinglet, golden-crowned	Regulus satrapa	No	BOVA
040314	SS	Warbler, magnolia	Dendroica magnolia	No	BOVA
040094	SS	Harrier, northern	Circus cyaneus	No	BOVA
040112	SS	Moorhen, common	Gallinula chloropus cachinnans	No	BOVA
010077	SS	Shiner, bridle	Notropis bifrenatus	No	BOVA
020005	SS	Frog, carpenter	Rana virgatipes	No	BOVA
040029	SS	Heron, little blue	Egretta caerulea caerulea	No	BOVA
040032	SS	Egret, great	Ardea alba egretta	No	BOVA
040034	SS	Heron, tricolored	Egretta tricolor	No	BOVA

040036	SS	Night-heron, yellow-crowned	Nyctanassa violacea violacea	No	BOVA
050045	SS	Otter, northern river	Lontra canadensis lataxina	No	BOVA
040364	SS	Dickcissel	Spiza americana	No	BOVA
040366	SS	Finch, purple	Carpodacus purpureus	No	BOVA

*FE=Federal Endangered; FT=Federal Threatened; FC=Federal Candidate; FS=Federal Species of Concern (not a legal status; list maintained by USFWS Virginia Field Office); SE=State Endangered; ST=State Threatened; SS=State Special Concern (not a legal status).

Anadromous Fish Use Reaches Records .

Stream ID	Stream Name	Reach Status	
P182	MATTAPONI RIVER	Potential	Yes

Colonial WaterBird (CWB) Survey Records - No Records found.

Threatened and Endangered Species Waters - No Records found.

Cold Water Stream Survey (CWSS) Reaches - No Records found.

Commonwealth of Virginia Land Holdings

ID	Name
882	Fort AP Hill Military Reservation

© 1998-2003 Commonwealth of Virginia, Department of Game and Inland Fisheries
Complied 6/8/2004 Institution 22076

Natural Heritage Resources by County

Your Search Criteria:
Caroline County(ies)
Taxonomic Group:
Search run: 05-17-2004

See Map | On the map page, set page orientation to landscape to print map.
Click highlighted scientific names below to go to NatureServe report.

Search Menu

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	Last Year Observed
Caroline						
BIRDS						
Aimophila aestivalis	Bachman's Sparrow	G3	S1B		LT	1993
Haliaeetus leucocephalus	Bald Eagle	G4	S2S3B,S3N	LT	LT	2002
BIVALVIA (MUSSELS)						
Lampsilis radiata	Eastern Lampmussel	G5	S2S3		SC	1988
COMMUNITIES						
Natural Community	Basic Mesic Forest	GNR	SNR			1993
Natural Community	Coastal Plain / Piedmont Acidic Seepage Swamp	GNR	SNR			1993
Natural Community	Coastal Plain / Piedmont Floodplain Forest	GNR	SNR			1995
Natural Community	Coastal Plain / Piedmont Seepage Bog	GNR	SNR			2000
Natural Community	Fluvial Terrace Woodland	GNR	SNR			1993
Natural Community	Loblolly Pine Savanna	GNR	SNR			1992
Natural Community	Mesic Mixed Hardwood Forest	GNR	SNR			1993
Natural Community	Semipermanent Impoundment	GNR	SNR			1993
CRUSTACEA (AMPHIPODS, ISOPODS & DECAPODS)						
Stygobromus sp. 21	Rappahannock Spring Amphipod	G1G2	S1S2	SOC		2000

HETEROPTERA (TRUE BUGS)						
Sigara depressa	Virginia Piedmont Water Boatman	G1G3	S1S3	SOC	LE	1947
NON-VASCULAR PLANTS						
Sphagnum strictum	Straight Peatmoss	G5	S2			1993
ODONATA (DRAGONFLIES & DAMSELFLIES)						
Enallagma dubium	Burgundy Bluet	G5	S2			1993
Nannothemis bella	Elfin Skimmer	G4	S1			1993
Nehalennia integricollis	Southern Sprite	G5	S2			1993
Somatochlora filosa	Fine-lined Emerald	G5	S2			1994
VASCULAR PLANTS						
Bolboschoenus fluviatilis	River Bulrush	G5	S2			2001
Carex vestita	A Sedge	G5	S2			1993
Desmodium ochroleucum	Creamflower Tick-trefoil	G2?	SH	SOC		1938
Digitaria cognata	Mountain Hairgrass	G5	S2			1992
Eleocharis robbinsii	Robbins Spikerush	G4G5	S1			1992
Eriocaulon parkeri	Parker's Pipewort	G3	S2			1941
Helianthemum bicknellii	Plains Frostweed	G5	S1			1941
Helonias bullata	Swamp-pink	G3	S2S3	LT	LE	2003
Isotria medeoloides	Small Whorled Pogonia	G2	S2	LT	LE	2003
Juncus caesariensis	New Jersey Rush	G2	S2	SOC	LT	2000
Juniperus communis var. depressa	Ground Juniper	G5T5	S1			1993
Kalmia angustifolia	Sheep-laurel	G5	S2			1995
Lachnocaulon anceps	Bog-buttons	G5	S2			1941
Mimosa quadrivalvis var. angustata	Little-leaf Sensitive-briars	G5T5	S2			1996
Myriophyllum humile	Low Water-milfoil	G5	S1			1983
Platanthera blephariglottis var. conspicua	Large White Fringed Orchid	G4G5T3T4	S1			1996
Potamogeton oakesianus	Oakes Pondweed	G4	S2			1993
Quercus prinoides	Dwarf Chinquapin Oak	G5	S1			1993
Ranunculus trichophyllus var. trichophyllus	White Water Crowfoot	G5T5	S1			1977
Rhynchospora alba	White Beakrush	G5	S2			2000
Sabatia campanulata	Slender Marsh Pink	G5	S2			2000
Sarracenia flava	Yellow Pitcher-plant	G5?	S1			1993
Sarracenia purpurea ssp. purpurea	Northern Purple Pitcher-plant	G5T5?	S2?			2000
Schoenoplectus subterminalis	Water Bulrush	G4G5	S1S2			1993
Solidago uliginosa var. uliginosa	Bog Goldenrod	G4G5TNR	S2			1993
Stachys eplingii	Epling's Hedge-nettle	G5	S1			1996
Thelypteris simulata	Bog Fern	G4G5	S1S2			1993
Utricularia purpurea	Purple Bladderwort	G5	S2			1993
Xyris caroliniana	Carolina Yellow-eyed-grass	G4G5	S1			1941

NOT to be substituted for a project review or for on-site surveys required for environmental assessments of specific project areas.

Need Additional Information? For more detailed information on locations of Natural Heritage Resources submit an information request.

Want to Contribute? If you have information on locations of natural heritage resources, please fill out and submit a rare species sighting form

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Return to the Online Information page

Virginia Fish and Wildlife Information Service

Database Report

Database Report for in **Spotsylvania, VA**

Biota of Virginia Records:: **23** total records found.

BOVA CODE	Status	Common Name	Scientific Name
060003	FESE	Wedgemussel, dwarf	Alasmidonta heterodon
040093	FTST	Eagle, bald	Haliaeetus leucocephalus
040292	FS	Shrike, migrant loggerhead	Lanius ludovicianus migrans
040320	FS	Warbler, cerulean	Dendroica cerulea
060029	FSSS	Lance, yellow	Elliptio lanceolata
060081	FSSS	Floater, green	Lasmigona subviridis
060175	FSSS	Slabshell, Roanoke	Elliptio roanokensis
100248	FS	Fritillary, regal	Speyeria idalia idalia
040293	ST	Shrike, loggerhead	Lanius ludovicianus
010077	SS	Shiner, bridle	Notropis bifrenatus
040034	SS	Heron, tricolored	Egretta tricolor
040094	SS	Harrier, northern	Circus cyaneus
040189	SS	Tern, Caspian	Sterna caspia
040213	SS	Owl, northern saw-whet	Aegolius acadicus
040262	SS	Nuthatch, red-breasted	Sitta canadensis
040264	SS	Creeper, brown	Certhia americana
040266	SS	Wren, winter	Troglodytes troglodytes
040278	SS	Thrush, hermit	Catharus guttatus
040285	SS	Kinglet, golden-crowned	Regulus satrapa
040314	SS	Warbler, magnolia	Dendroica magnolia
040364	SS	Dickcissel	Spiza americana
040366	SS	Finch, purple	Carpodacus purpureus
050045	SS	Otter, northern river	Lontra canadensis lataxina

Scientific Collection Records:: **29** total records found.

Collection ID	Date	Collector
5982	12/10/1993	Stevenson, P.H.
6136	7/21/1994	David Strayer
6137	7/22/1994	David Strayer
6140	7/21/1994	David Strayer
6185	7/11/1995	Dick Neves
6298	11/24/1993	Phillip Stevenson
6300	10/12/1993	Phillip Stevenson
6303	4/21/1994	Phillip Stevenson
7627	10/22/1994	PHILIP H. STEVENSON
7630	12/9/1993	PHILIP H. STEVENSON
10183	10/10/1983	W. and L. Starnes
15861	11/11/1966	WOOLCOTT, LOOS, ET AL
15876	7/31/1970	J.R. REED
15882	10/23/1970	MILLSAPS ET AL.
15885	7/1/1969	VIMS
32133	1/1/1966	WSW-WOOLCOTT
32455	1/1/1969	VIMS-VA. INST. MAR. SCI.
32573	1/1/1970	HSM-MILLSAPS
32579	1/1/1970	JRR-REED
36768	1/1/1983	WCS-B-STARNES
55520	5/15/1998	BEATY, HANLON, AND ZEYTOONIAN, VIRGINIA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT.
55522	5/15/1998	BEATY, HANLON, AND ZEYTOONIAN, VIRGINIA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT.
58527	8/17/1999	Neves, Zimmerman, Rohrer, Mair, Beck, Phaup, Virginia Cooperative Fish and Wildlife Research Unit
58528	8/17/1999	Neves, Zimmerman, Rohrer, Mair, Beck, Phaup, Virginia Cooperative Fish and Wildlife Research Unit
58529	8/17/1999	Neves, Zimmerman, Rohrer, Mair, Beck, Phaup, Virginia Cooperative Fish and Wildlife Research Unit
59560	6/9/2000	GIBSON, FLYNN, BECK, ZIMMERMAN, NEVES, VIRGINIA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT
59561	6/1/2000	GIBSON, FLYNN, BECK, ZIMMERMAN, NEVES, VIRGINIA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT
63259	4/19/1996	Kenneth G. Mills
301540	8/21/2003	Tim King (principal permittee), Anne Hender-Arzapalo

VA Breeding Bird Survey (BBS) Route Records:: 1 total records found.

BBS ID	Route Name
88011	PARTLOW

VA Breeding Bird Atlas (BBA) Records:: 3 total records found.

BBA ID	Atlas Map
5114*2	Guinea, NE
5115*6	Fredericksburg, SE
5015*6	Salem Church, SE

Christmas Bird Count (CBC) Circle Records:: 2 total records found.

CBC ID	Circle Name
88*0052	Chancellorsville
88*0047	Lake Anna

Anadromous Fish Use Reaches

No Records Found

Threatened and Endangered Species Waters **2** total records found.

Record ID	Stream Name	Designation
131	Po River	F/S
140	Rappahannock River	F/S

Colonial Waterbird(CWB) Survey Records:: **0** total records found.

No Records Found.

Cold Water Stream Survey (CWSS) Records

No Records found.

Imediments

No Records Found

SPOTSYLVANIA COUNTY, VIRGINIA
Federally Listed, Proposed, and Candidate Species

SCIENTIFIC NAME	COMMON NAME	STATUS
INVERTEBRATES		
Alasmidonta heterodon	Dwarf wedge mussel	LE
VASCULAR PLANTS		
Helonias bullata[1]	Swamp pink	LT
Isotria medeoloides	Small whorled pogonia	LT

Species of Concern

INVERTEBRATES		
Elliptio lanceolata	Yellow lance	G3
Lasmigona subviridis	Green floater	G3
Sigara depressa	Virginia Piedmont water boatmen	G1G3
Speyeria idalia	Regal fritillary	G3
NON-VASCULAR PLANTS		
Sphagnum carolinianum	Carolina peatmoss	G3

[1]This species has been documented in an adjacent county & may occur in this county east of I-95.

November 12, 2002
Prepared by U.S. Fish and Wildlife Service, Virginia Field Office

Natural Heritage Resources by County

Your Search Criteria:
Spotsylvania County(ies)
Taxonomic Group:
Search run: 05-13-2004

See Map

On the map page, set page orientation to landscape to print map.
Click highlighted scientific names below to go to NatureServe report.

Search Menu

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	Last Year Observed
Spotsylvania						
BIVALVIA (MUSSELS)						
Alasmidonta heterodon	Dwarf Wedgemussel	G1G2	S1	LE	LE	1999
Elliptio lanceolata	Yellow Lance	G2G3	S2S3	SOC	SC	1995
Lampsilis radiata	Eastern Lampmussel	G5	S2S3		SC	1989
LEPIDOPTERA (BUTTERFLIES & MOTHS)						
Callophrys irus	Frosted Elfin	G3	S2			1993
NON-VASCULAR PLANTS						
Sphagnum carolinianum	Carolina Peatmoss	G3	S2			1993
VASCULAR PLANTS						
Asclepias rubra	Red Milkweed	G4G5	S2			1992
Isotria medeoloides	Small Whorled Pogonia	G2	S2	LT	LE	1999 ?
Quercus prinoides	Dwarf Chinquapin Oak	G5	S1			2001
Saccharum brevibarbe	Short-beard Plumegrass	G3G5	S1?			1972
Sarracenia purpurea ssp. purpurea	Northern Purple Pitcher-plant	G5T5?	S2?			1986

Note: On-line queries provide basic information from DCR's databases at the time of the request. They are NOT to be substituted for a project review or for on-site surveys required for environmental assessments of specific project areas.

Project Review Report

List of threatened and endangered species and wildlife resources known or likely to occur within a **2 mile radius of Spotsylvania (point 798669 4233393 17)** in **177 Spotsylvania, VA.** This report is compiled on 6/8/2004,9:50:42 PM

Threatened and Endangered Species Occurrences.

Bova Code	Status*	Common Name	Scientific Name	Confirmed	Database(s)
040093	FTST	Eagle, bald	Haliaeetus leucocephalus	Yes	CBC
040292	FS	Shrike, migrant loggerhead	Lanius ludovicianus migrans	No	BOVA
040320	FS	Warbler, cerulean	Dendroica cerulea	Yes	BBS
100248	FS	Fritillary, regal	Speyeria idalia idalia	No	BOVA
040293	ST	Shrike, loggerhead	Lanius ludovicianus	Yes	CBC
040129	ST	Sandpiper, upland	Bartramia longicauda	No	BOVA
040180	SS	Tern, Forsters	Sterna forsteri	No	BOVA
040189	SS	Tern, Caspian	Sterna caspia	No	BOVA
040204	SS	Owl, barn	Tyto alba pratincola	No	BOVA
040213	SS	Owl, northern saw-whet	Aegolius acadicus	Yes	CBC
040262	SS	Nuthatch, red-breasted	Sitta canadensis	Yes	CBC
040264	SS	Creeper, brown	Certhia americana	Yes	CBC
040266	SS	Wren, winter	Troglodytes troglodytes	Yes	CBC
040278	SS	Thrush, hermit	Catharus guttatus	Yes	CBC
040285	SS	Kinglet, golden-crowned	Regulus satrapa	Yes	CBC
040314	SS	Warbler, magnolia	Dendroica magnolia	No	BOVA
040094	SS	Harrier, northern	Circus cyaneus	Yes	CBC
040112	SS	Moorhen, common	Gallinula chloropus cachinnans	No	BOVA
010077	SS	Shiner, bridle	Notropis bifrenatus	No	BOVA
040032	SS	Egret, great	Ardea alba egretta	No	BOVA
040034	SS	Heron, tricolored	Egretta tricolor	No	BOVA
040036	SS	Night-heron, yellow-crowned	Nyctanassa violacea violacea	No	BOVA

040364	SS	Dickcissel	Spiza americana	No	BOVA
040366	SS	Finch, purple	Carpodacus purpureus	Yes	CBC
050045	SS	Otter, northern river	Lontra canadensis lataxina	No	BOVA

*FE=Federal Endangered; FT=Federal Threatened; FC=Federal Candidate; FS=Federal Species of Concern (not a legal status; list maintained by USFWS Virginia Field Office); SE=State Endangered; ST=State Threatened; SS=State Special Concern (not a legal status).

Anadromous Fish Use Reaches Records - No Records found.

Colonial WaterBird (CWB) Survey Records - No Records found.

Threatened and Endangered Species Waters .

Record ID	Stream Name	Designation [1]
131	Po River	F/S

[1]S =State listed Species present; F/S = State listed Species and Federal listed Species present.

Cold Water Stream Survey (CWSS) Reaches - No Records found.

Commonwealth of Virginia Land Holdings

ID	Name
806	Fredericksburg & Spotsylvania National Military Park

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Complied 6/8/2004 Institution 22079