

**Cumberland Water Resources HCP Preliminary Covered Species List**

8/25/10 DRAFT

Prepared for 8/25/10 Steering Committee Meeting

	Type	Common Name	Scientific Name	Crossville	Cumb. Co.	Morgan Co.	Scott Co.	Federal Status	State Status	Last Obs.
1	Bird	Bachman's Sparrow	<i>Aimophila aestivalis</i>	X	1979	X		--	Endangered	1979
2	Bird	Cerulean Warbler	<i>Dendroica cerulea</i>	X	1989	1999	2001	MC	DNM	2001
3	Bird	Golden-winged Warbler	<i>Vermivora chrysoptera</i>	1989	2002	2002	2002	MC	DNM	2002
4	Bird	Great Egret	<i>Ardea alba</i>			X		--	DNM	1989
5	Bird	Least Bittern	<i>Ixobrychus exilis</i>		X	1989		--	DNM	1989
6	Bird	Loggerhead Shrike	<i>Lanius ludovicianus</i>	1989	1989			MC	DNM	1989
7	Bird	Peregrine Falcon	<i>Falco peregrinus</i>		X		X	--	Endangered	1940
8	Bird	Red-cockaded Woodpecker	<i>Picoides borealis</i>				X	Endangered	--	1996
9	Bird	Sharp-shinned Hawk	<i>Accipiter striatus</i>			1989	1989	--	DNM	1989
10	Bird	Swainson's Warbler	<i>Limnithlypis swainsonii</i>		X	1989	1989	MC	DNM	1989
11	Mammal	Allegheny Woodrat	<i>Neotoma magister</i>	X	2005	2006	1950	--	DNM	2006
12	Mammal	Big Brown Bat	<i>Eptesicus fuscus</i>	X	2009	2007	X	WNS	--	2009
13	Mammal	Eastern Small-footed Bat	<i>Myotis leibii</i>		2009	2006	X	Petitioned	DNM	2009
14	Mammal	Gray Bat	<i>Myotis grisescens</i>		2009	X		Endangered	Endangered	2009
15	Mammal	Hairy-tailed Mole	<i>Parascalops breweri</i>			2006	X	--	DNM	2006
16	Mammal	Indiana Bat	<i>Myotis sodalis</i>		X		X	Endangered	Endangered	2007
17	Mammal	Little Brown Bat	<i>Myotis lucifugus</i>		2009	2005		WNS	--	2009
18	Mammal	Masked Shrew	<i>Sorex cinereus</i>		2006	2006		--	DNM	2006
19	Mammal	Northern Long-eared Bat	<i>Myotis septentrionalis</i>	X	2009	2005	X	WNS	--	2009
20	Mammal	Rafinesque's Big-eared Bat	<i>Chorynorhinus rafinesquii</i>	X	2009	X	X	WNS	DNM	2009
21	Mammal	Smoky Shrew	<i>Sorex fumeus</i>	1979	1979	2006	X	--	DNM	2006
22	Mammal	Southeastern Shrew	<i>Sorex longirostris</i>		2005	2006		--	DNM	2006
23	Mammal	Southern Bog Lemming	<i>Synaptomys cooperi</i>		X		X	--	DNM	1995
24	Mammal	Tri-colored Bat	<i>Perimyotis subflavus</i>		2009	2007		WNS	--	2009
25	Mammal	Woodland Jumping Mouse	<i>Napaeozapus insignis</i>			1979	X	--	DNM	1979
26	Reptile	Eastern Slender Glass Lizard	<i>Ophisaurus att. longicaudus</i>	1921	1982	2007	1959	--	DNM	2007
27	Reptile	Northern Pinesnake	<i>Pituophis mel. melanoleucus</i>	X	1987	1996	X	--	Threatened	1996
28	Amphibian	Black Mountain Salamander	<i>Desmognathus welteri</i>	X	1998	1997	1996	--	DNM	1998
29	Amphibian	Cumberland Dusky Salamander	<i>Desmognathus abditus</i>		X	2006		Petitioned	--	2006
30	Amphibian	Four-toed Salamander	<i>Hemidactylum scutatum</i>	1968	2004	X	2001	--	DNM	2004
31	Amphibian	Green Salamander	<i>Aneides aeneus</i>		1990	2010	1953	--	Endemic	2010
32	Amphibian	Hellbender	<i>Cryptobranchus alleganiensis</i>	X	1982	1996	X	Petitioned	DNM	1996

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33	Fish	Arrow Darter	<i>Etheostoma sagitta</i>				1995	--	DNM	1995
34	Fish	Ashy Darter	<i>Etheostoma cinereum</i>		X	1992	2002	Petitioned	Threatened	2002
35	Fish	Bedrock Shiner	<i>Notropis rupestris</i>		X			--	DNM	1972
36	Fish	Blackside Dace	<i>Phoxinus cumberlandensis</i>				2002	Threatened	Threatened	2002
37	Fish	Bluemask Darter	<i>Etheostoma akatulo</i>		X			Endangered	Endangered	1991
38	Fish	Crystal Darter	<i>Crystallaria asprella</i>				1870	Petitioned	DNM	1870
39	Fish	Cumberland Darter	<i>Etheostoma susanae</i>				1987	Candidate	Endangered	1987
40	Fish	Emerald Darter	<i>Etheostoma baileyi</i>			1969	2000	--	DNM	2000
41	Fish	Laurel Dace	<i>Phoxinus saylora</i>		X			Candidate	Endangered	2004
42	Fish	Olive Darter	<i>Percina squamata</i>		X	1995	X	--	DNM	1995
43	Fish	Palezone Shiner	<i>Notropis albizonatus</i>				X	Endangered	Endangered	2000
44	Fish	Rosyface Shiner	<i>Notropis rubellus</i>				1996	--	DNM	1996
45	Fish	Sickle Darter	<i>Percina williamsi</i>			1975		Petitioned	Threatened	1975
46	Fish	Southern Cavefish	<i>Typhlichthys subterraneus</i>		X			--	DNM	2008
47	Fish	Spotfin Chub	<i>Erimonax monachus</i>	CH	1982	2004	CHX	Threatened	Threatened	2004
48	Fish	Tangerine Darter	<i>Percina aurantiaca</i>	X	1996	1998		--	DNM	1998
49	Fish	Tennessee Dace	<i>Phoxinus tennesseensis</i>		1996	1993	X	--	DNM	1996
50	Fish	Tippecanoe Darter	<i>Etheostoma tippecanoe</i>				2000	Petitioned	DNM	2000
51	Fish	Tuxedo Darter	<i>Etheostoma lemniscatum</i>				2000	Endangered	Endangered	2000
52	Crustacean	Big South Fork Crayfish	<i>Cambarus bouchardi</i>				2002	Petitioned	Endangered	2002
53	Crustacean	Emory River Crayfish	<i>Cambarus sp. 1</i>		X	2006	X	--	Endemic	2006
54	Crustacean	Obed crayfish	<i>Cambarus sp.</i>	2006	2006	2006	X	--	Endemic	2006
55	Crustacean	Obey crayfish	<i>Cambarus obeyensis</i>		X			Petitioned	Threatened	2004
56	Crustacean	Pristine Crayfish	<i>Cambarus pristinus</i>	X	2007			Petitioned	Endangered	2007
57	Crustacean	Valley Flame Crayfish	<i>Cambarus deweesae</i>			X		--	Endangered	2007
58	Mollusk	Alabama Lampmussel	<i>Lampsilis virescens</i>			1974		Endangered	Endangered	1974
59	Mollusk	Cumberland Bean	<i>Villosa trabalis</i>	X	1985	1985	2001	Endangered	Endangered	2001
60	Mollusk	Cumberland Elktoe	<i>Alasmidonta atropurpurea</i>			2001	2007	Endangered	Endangered	2007
61	Mollusk	Cumberland Papershell	<i>Anodontoides denigratus</i>				2008	--	Endemic	2008
62	Mollusk	Cumberlandian Combshell	<i>Epioblasma brevidens</i>			CH	2001	Endangered	Endangered	2001
63	Mollusk	Dromedary Pearlymussel	<i>Dromus dromas</i>				2008	Endangered	Endangered	2008
64	Mollusk	Finerayed Pigtoe	<i>Fusconaia cuneolus</i>			X		Endangered	Endangered	1919
65	Mollusk	Fluted Kidneyshell	<i>Ptychobranthus subtentum</i>				2008	Candidate	--	2008

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66	Mollusk	Littlewing Pearlymussel	<i>Pegias fabula</i>				2001	Endangered	Endangered	2001	
67	Mollusk	Oyster Mussel	<i>Epioblasma capsaeformis</i>			CH	2008	Endangered	Endangered	2008	
68	Mollusk	Purple Bean	<i>Villosa perpurpurea</i>	CHX	2001	2005		Endangered	Endangered	2005	
69	Mollusk	Spectaclecase	<i>Cumberlandia Monodonta</i>				2008	Candidate; Petitioned	--	2008	
70	Mollusk	Tan Riffleshell	<i>Epioblasma florentina walkeri</i>				2001	Endangered	Endangered	2001	
71	Mollusk	Tennessee Clubshell	<i>Pleurobema oviforme</i>			2001		Petitioned	--	2001	
72	Plant	Alabama Grapefern	<i>Botrychium jenmanii</i>				1975	--	Threatened	1975	
73	Plant	American Water-pennywort	<i>Hydrocotyle americana</i>				1947	--	Endangered	1947	
74	Plant	Barrens Silky Aster	<i>Symphyotrichum pratense</i>		1989	X		--	Endangered	1989	
75	Plant	Bog Buttons	<i>Lachnocaulon anceps</i>	1973	1973			--	Endangered	1973	
76	Plant	Bristle-fern	<i>Trichomanes boschianum</i>				1969	--	Threatened	1969	
77	Plant	Brown Bog Sedge	<i>Carex buxbaumii</i>	1990	1990			--	Threatened	1990	
78	Plant	Butternut	<i>Juglans cinerea</i>				2009	2003	--	Threatened	2009
79	Plant	Canada Lily	<i>Lilium canadense</i>	1997	1997	1997	2000	--	Threatened	2000	
80	Plant	Canadian Yew	<i>Taxus canadensis</i>				X	--	Endangered	2000	
81	Plant	Canby's Lobelia	<i>Lobelia canbyi</i>	1973	1973			--	Threatened	1973	
82	Plant	Climbing Fumitory	<i>Adlumia fungosa</i>				1981	--	Threatened	1981	
83	Plant	Cumberland Rosemary	<i>Conradina verticillata</i>	X	2007	2007	2005	Threatened	Threatened	2007	
84	Plant	Cumberland Sandgrass	<i>Calamovilfa arcuata</i>	X	2003	2000	2000	Petitioned	Endangered	2003	
85	Plant	Cumberland Sandwort	<i>Minuartia cumberlandensis</i>				1980	2008	Endangered	Endangered	2008
86	Plant	Drooping Bluegrass	<i>Poa saltuensis</i>		1979			--	Threatened	1979	
87	Plant	Fetterbush	<i>Leucothoe racemosa</i>				2000	--	Threatened	2000	
88	Plant	Granite Gooseberry	<i>Ribes curvatum</i>	X	1947			--	Threatened	1947	
89	Plant	Green Pitcher Plant	<i>Sarracenia oreophila</i>	X	1979			Endangered	Endangered	1979	
90	Plant	Green-and-gold	<i>Chrysogonum virginianum</i>				2003	--	Threatened	2003	
91	Plant	Horse-tail Spike-rush	<i>Eleocharis equisetoides</i>		X			--	Endangered	1955	
92	Plant	Large-flowered Barbara's Button	<i>Marshallia grandiflora</i>		1980	2007	1998	Petitioned	Endangered	2007	
93	Plant	Large-leaf Pondweed	<i>Potamogeton amplifolius</i>	X	2000			--	Threatened	2000	
94	Plant	Least Trillium	<i>Trillium pusillum</i>	X	1992			--	Endangered	1992	
95	Plant	Leatherleaf Meadowrue	<i>Thalictrum coriaceum</i>				1995	X	--	Threatened	1995
96	Plant	Lucy Braun's White Snakeroot	<i>Ageratina luciae-brauniae</i>				1979	2002	--	Threatened	2002
97	Plant	Menge's Fameflower	<i>Talinum mengesii</i>				2004		--	Threatened	2004

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98	Plant	Mountain Witch-alder	<i>Fothergilla major</i>				1995	--	Threatened	1995
99	Plant	Northern Starflower	<i>Trientalis borealis</i>			1983		--	Threatened	1983
100	Plant	Ozark Bunchflower	<i>Melanthium woodii</i>			1983		--	Endangered	1983
101	Plant	Pale Corydalis	<i>Corydalis sempervirens</i>				1995	--	Endangered	1995
102	Plant	Pink Sundew	<i>Drosera capillaris</i>	1999	1999			--	Threatened	1999
103	Plant	Piratebush	<i>Buckleya distichophylla</i>			1976		--	Threatened	1976
104	Plant	Rock Skullcap	<i>Scutellaria saxatilis</i>		1980	1945		--	Threatened	1985
105	Plant	Rockcastle Aster	<i>Eurybia saxicastellii</i>				2000	Petitioned	Endangered	2000
106	Plant	Rose Pogonia	<i>Pogonia ophioglossoides</i>	X	1985			--	Endangered	1976
107	Plant	Rough Hawkweed	<i>Hieracium scabrum</i>			1981		--	Threatened	1981
108	Plant	Roundleaf Fameflower	<i>Talinum teretifolium</i>				1975	--	Threatened	1975
109	Plant	Roundleaf Shadbush	<i>Amelanchier sanguinea</i>		1976	1994		--	Threatened	1994
110	Plant	Shortleaf Sneezeweed	<i>Helenium brevifolium</i>			1980	X	--	Endangered	1980
111	Plant	Silverling	<i>Paronychia argyrocoma</i>	X	1987			--	Threatened	2008
112	Plant	Small's Stonecrop	<i>Diamorpha smallii</i>	X	2008			--	Endangered	1996
113	Plant	Southern Jointweed	<i>Polygonella americana</i>			1981		--	Endangered	1981
114	Plant	Southern Lady's-slipper	<i>Cypripedium kentuckiense</i>				2007	--	Endangered	2007
115	Plant	Southern racemose goldenrod	<i>Solidago arenicola</i>				2001	Petitioned	Threatened	2001
116	Plant	Spotted Coralroot	<i>Corallorhiza maculata</i>				1989	--	Threatened	1989
117	Plant	Sweetfern	<i>Comptonia peregrina</i>				1999	--	Endangered	1999
118	Plant	Sword Moss	<i>Bryoxiphium norvegicum</i>			X	1979	--	Threatened	1979
119	Plant	Tawny Cotton-grass	<i>Eriophorum virginicum</i>	1934	1934		2000	--	Endangered	2000
120	Plant	Tennessee Pondweed	<i>Potamogeton tennesseensis</i>	X	1998	2000	2000	Petitioned	Threatened	2000
121	Plant	Virginia Spiraea	<i>Spiraea virginiana</i>		2007	2007	2008	Threatened	Endangered	2008
122	Plant	White Fringeless Orchid	<i>Platanthera integrilabia</i>	X	2008		X	Candidate	Endangered	2008
123	Plant	Wood Lily	<i>Lilium philadelphicum</i>	X	1993		1980	--	Endangered	1993
124	Plant	Yellow Nodding Ladies'-tresses	<i>Spiranthes ochroleuca</i>			1949		--	Endangered	1949
125	Plant	Zigzag Bladderwort	<i>Utricularia subulata</i>	1975	1975	1965	X	--	Threatened	1975