

Appendix 4c. Cross-reference to Maryland's Key Wildlife Habitats and the Northeastern Terrestrial Wildlife Habitat Classification System

Key Wildlife Habitat	Northeastern Terrestrial Wildlife Habitat Classification System (NETWHCS)
Upland Habitats	
Forests	
High Elevation Ridge Forest	Central and Southern Appalachian Montane Oak Forest (CES202.596)
Hemlock-Northern Hardwood Forest	Appalachian (Hemlock)-Northern Hardwood Forest (CES202.593)
Cove Forest	Southern and Central Appalachian Cove Forest (CES202.373)
Montane-Piedmont Oak-Pine Forest	Central Appalachian Dry Oak-Pine Forest (CES202.591)
Oak-Hickory Forest	Northeastern Interior Dry-Mesic Oak Forest (CES202.592)
Managed Montane Conifer Forest	Managed Tree Plantation; structural modifier
Mesic Mixed Hardwood Forest	Northern Atlantic Coastal Plain Calcareous Ravine (CES203.069), Southern and Central Appalachian Cove Forest (CES202.231), Southern Atlantic Coastal Plain Mesic Hardwood Forest (CES203.242)
Coastal Plain Oak-Pine Forest	Northern Atlantic Coastal Plain Hardwood Forest (CES203.475), Northern Atlantic Coastal Plain Pitch Pine Barrens (CES203.269)
Maritime Forest and Shrubland	Northern Atlantic Coastal Plain Maritime Forest (CES203.302)
Glades, Barrens, and Cliffs	
Serpentine Barren	Eastern Serpentine Woodland (CES202.347)
Shale Barren	Appalachian Shale Barrens (CES202.598)
Acidic Glade and Barren	Central Appalachian Pine-Oak Rocky Woodland (CES202.600)
Basic Glade and Barren	Central Appalachian Alkaline Glade and Woodland (CES202.602), Southern and Central Appalachian Mafic Glade and Barren (CES202.348), Piedmont Hardpan Woodland and Forest (CES202.268)
Artificial Barren (Sand and Gravel Mines)	N/A
Cliff, Talus, and Rock Outcrop	North-Central Appalachian Acidic Cliff and Talus (CES202.601), North-Central Appalachian Circumneutral Cliff and Talus (CES202.603)
Coastal Bluff	Northeastern Erosional Bluff (CES203.498)
Coastal Beaches and Dunes	
Coastal Beach	Northern Atlantic Coastal Plain Sandy Beach (CES203.301)
Maritime Dune and Grassland	Northern Atlantic Coastal Plain Dune and Swale (CES203.264)
Wetland Habitats	
Floodplain Wetlands	
Montane-Piedmont Floodplain	Central Appalachian River Floodplain (CES202.608), Central Appalachian Stream and Riparian (CES202.609)
Coastal Plain Floodplain	Northern Atlantic Coastal Plain Stream and River (CES203.070)
Groundwater Wetlands	
Montane Acidic Fen	High Allegheny Wetland (CES202.069)
Montane-Piedmont Seepage Swamp	North-Central Appalachian Acidic Swamp (CES202.604), North-Central Interior and Appalachian Rich Swamp (CES202.605)
Piedmont Seepage Wetland	Piedmont Seepage Wetland (CES202.298), Laurentian-Acadian Wet Meadow-Shrub Swamp (CES201.582)
Piedmont Upland Depression Swamp	Piedmont Upland Depression Swamp (CES202.336)
Coastal Plain Flatwood and Depression Swamp	Northern Atlantic Coastal Plain Basin Swamp and Wet Hardwood Forest (CES203.520)

Key Wildlife Habitat	Northeastern Terrestrial Wildlife Habitat Classification System (NETWHCS)
Coastal Plain Seepage Swamp	Northern Atlantic Coastal Plain Pitch Pine Lowland Forest (CES203.374), Northern Atlantic Coastal Plain Stream and River (CES203.070)
Coastal Plain Seepage Acidic Fen	Northern Atlantic Coastal Plain Pitch Pine Lowland Forest (CES203.374), Northern Atlantic Coastal Plain Basin Peat Swamp (CES203.522)
Delmarva Bay	Northern Atlantic Coastal Plain Pond (CES203.518)
Maritime Swamp	Northern Atlantic Coastal Plain Maritime Forest (CES203.302)
Vernal Pool	(Habitat found within many NETWHCS types)
Spring	(Habitat found within many NETWHCS types)
Tidal Wetlands	
Tidal Forest	Northern Atlantic Coastal Plain Tidal Swamp (CES203.282)
Tidal Freshwater Marsh and Shrubland	Northern Atlantic Coastal Plain Fresh and Oligohaline Tidal Marsh (CES203.516)
Tidal Brackish Marsh and Shrubland	Northern Atlantic Coastal Plain Brackish Tidal Marsh (CES203.894)
Tidal Salt Marsh and Shrubland	Northern Atlantic Coastal Plain Tidal Salt Marsh (CES203.519)
Intertidal Mudflat and Sand Flat	Northern Atlantic Intertidal Mudflat (CES201.050), North Atlantic Tidal Sand Flat (CES201.049)
Artificial Wetlands	
Artificial Impoundment and Artificial Wetland	Modified/Managed Marsh
Subterranean Habitats	
Cave and Karst	N/A
Artificial Structure: Mine and Tunnel	N/A
Other Habitats	
Managed Successional Forest	Ruderal Forest – Northern and Central Hardwood and Conifer
Managed Grassland	Ruderal Upland – Old Field, Pasture/Hay
Roadside and Utility Right-of-Way	Powerline ROW
Artificial Structure: Buildings and Other Structures	Commercial/Industrial, Residential-High Intensity, Residential-Medium Intensity, Residential-Low Intensity, Residential-Rural/Sparse
Urban and Suburban Environment	N/A