

Appendix C - Ecological Communities

Clarence Fahnestock Memorial State Park

System	Subsystem	Community Type	Acres	
Lacustrine	Natural Lakes and Ponds	Eutrophic pond	5	
		Lacustrine Cultural	Reservoir/Artificial impoundment	285
Palustrine	Forested Mineral Soil Wetlands	Red maple-hardwood swamp	254	
		Vernal Pool	2	
	Open Mineral Soil Wetlands	Shallow emergent marsh	19	
		Shrub swamp	41	
		Highbush blueberry bog thicket	113	
	Open Peatlands	Sedge meadow/Shallow emergent marsh	19	
		Palustrine Cultural	Reedgrass/Purple loosestrife marsh	47
	Riverine	Natural Streams	Intermittent stream	n/a
			Marsh headwater stream	n/a
			Rocky headwater stream	n/a
<i>Appalachian oak-hickory forest</i>			3213	
Terrestrial	Forested Uplands	Appalachian oak-pine	20	
		Beech-maple mesic forest	81	
		<i>Chestnut oak forest</i>	7184	
		<i>Hemlock-northern hardwood forest</i>	1220	
		<i>Oak-tulip tree forest</i>	1199	
		Successional southern hardwoods	180	
	Open Uplands	<i>Red cedar rocky summit</i>	21	
		Successional old field	23	
	Terrestrial Cultural		Successional shrubland	20
			Developed	136
Conifer plantation			<1	
Total			14082	
Acres				

Source: Smith and Lundgren 2010b. Italicized and bolded Ecological Communities are considered to be of statewide significance by the New York Natural Heritage Program.

Hudson Highlands State Park

System	Subsystem	Community Type	Acres	
Estuarine	Estuarine Intertidal	<i>Brackish intertidal mudflats</i>	42	
		<i>Brackish tidal marsh</i>	9	
		<i>Brackish tidal marsh/Brackish intertidal mudflats</i>	123	
Lacustrine	Estuarine Subtidal	<i>Tidal river</i>	270	
	Natural Lakes and Ponds	Eutrophic pond	2	
Lacustrine	Lacustrine Cultural	Reservoir/artificial impoundment	25	
	Palustrine	Forested Mineral Soil Wetlands	<i>Floodplain forest</i>	31
Red maple-hardwood swamp			37	
Hemlock-hardwood swamp			1	
Vernal pool			<1	
Open Peatlands		Highbush blueberry bog thicket	2	
		Sedge meadow	<1	
		Reedgrass/Purple loosestrife marsh	7	
Riverine		Palustrine Cultural	Unconfined river	5
Terrestrial		Barrens and Woodlands	<i>Acidic talus slope woodland</i>	9
			<i>Pitch pine-oak-heath rocky summit</i>	233
	<i>Red cedar rocky summit</i>		60	
	Forested Uplands	<i>Appalachian oak-hickory forest</i>	16584	
		<i>Chestnut oak forest</i>	1650	
		Hemlock-northern hardwood forest	497	
		<i>Oak-tulip tree forest</i>	1845	
		Successional southern hardwoods	248	
		Open Uplands	Cliff community	55
	<i>Rocky summit grassland</i>		21	
	Successional old field		15	
	Successional shrubland		14	
	Terrestrial Cultural		Developed	55
		Gravel mine	13	
		Mowed lawn	1	
		Riprap/Artificial lake shore	5	
		Unpaved road/path	7	
Total Acres		6942		

Source: Smith and Lundgren 2010a. Italicized and bolded Ecological Communities are considered to be of statewide significance by the New York Natural Heritage Program.

