

Table S1. Palustrine Scrub-Shrub and Forested Wetlands types in Connecticut. Area (in ha) provided from National Wetland Inventory shapefile. List derived by Lisa Wahle from the National Wetlands Inventory. The Wetlands Code Interpreter provides descriptions for each type. P = Palustrine; FO1 = Forested, broad-leaved deciduous; SS1 = Scrub-Shrub, broad-leaved deciduous; SS3 = Scrub-shrub, broad-leaved evergreen; EM1 = Emergent, subclass persistent; A = Temporary flooded; B = Seasonally saturated; E = Seasonally flooded/saturated; a = Acid water chemistry; b = Beaver modified; d = Partially drained/ditched; h = Diked/impounded; x = Excavated.

2014 Classification	2020 Classification	Area in CT (ha)
	PFO1/SS1A	73
	PFO1/SS1E	2,225
PSS1/3B		1
PSS1/3Ba		4
PSS1/3E		7
PSS1/4E	PSS1/EM1E	220
PSS1/EM1A		25
PSS1/EM1E	PSS1/EM1Eh	1,375
PSS1/EM1Eb		14
PSS1/EM1Ed		58
PSS1/EM1Eh		62
PSS1/FO1A	PSS1/FO1A	7
PSS1/FO1E	PSS1/FO1E	794
PSS1/FO1Ed		32
PSS1/FO1Eh		22
PSS1/FO4E		2
PSS1A	PSS1A	153
PSS1B	PSS1B	6
PSS1E	PSS1E	7,908
PSS1Eb		69
PSS1Ed		145
PSS1Eh		241
PSS1Ex		7
PSS1S		1
PSS3/1Ba		2
PSS3B		2
PSS3Ba		62
PSS3E		4
Total Area		13,520

Table S2. Allocation of sample size to strata based on mapped area proportion (W_i), conjectured user's accuracy (U_i), and standard deviation (S_i) of the strata. Area in hectares.

Strata	Area	W _i	U _i	S _i	Allocation Type			Fairfield	Hartford	Litchfield	Middlesex	New Haven	New London	Tolland	Windham
					Proportional	Equa	Actual								
Reverting field	3,412	0.0027	0.817	0.387	3	161	100	13	15	19	8	12	14	8	11
Shrubland	662	0.0005	0.817	0.387	1	161	100	13	15	19	8	12	14	8	11
Transitional to forest	12,222	0.0095	0.817	0.387	12	161	100	13	15	19	8	12	14	8	11
Recently disturbed forest	1,442	0.0011	0.850	0.357	1	161	100	13	15	19	8	12	14	8	11
Regenerating clearcut	1,848	0.0014	0.850	0.357	2	161	100	13	15	19	8	12	14	8	11
Regenerating forest	5,152	0.0040	0.850	0.357	5	161	100	13	15	19	8	12	14	8	11
Forest (>10m CH)	732,972	0.5697	0.903	0.296	733	161	399	52	60	76	31	50	55	34	42
Non-forest ^a	528,887	0.4111	0.728	0.445	529	161	288	37	44	55	22	36	40	24	30
Total Area	1,286,598	1.0000			1,287	1,287	1,287	167	195	245	99	160	178	108	135

^anon-forest includes all non-forest land cover types per the NLCD, e.g., water, grassland, coastal marsh.

Table S3. Summary of number of segments, reviewed segments, and segments with vegetation check by county. Only segments within vegetation complexes ≥ 1 ha were reviewed.

County	Count of All Segments	Count of All Reviewed Segments	Count of Vegetation Check = Yes
Coastal	128,962	1,571	910
Fairfield	650,791	9,524	3,736
Hartford	756,428	29,224	15,096
Litchfield	968,356	33,003	16,839
Middlesex	381,453	10,897	5,381
New Haven	624,819	22,767	11,418
New London	681,945	29,505	17,564
Tolland	414,092	14,728	7,968
Windham	514,631	13,848	7,305
Total	5,121,477	165,067	86,217

Table S4. Statewide summary of confirmed vegetation segments by classification and complex size.

Vegetation Type	Segmentation Classification	All segments		Segments in complexes ≥ 2 ha	
		# segments	ha	# segments	ha
Reverting Field	Reverting-Old Field	9,860	2,777	5,386	1,565
	Arrested Reverting-Old Field	1,795	635	913	332
	Total Reverting Field	11,655	3,412	6,299	1,897
Shrubland	Shrubland	2,290	559	1,449	372
	Arrested_Shrubland	286	103	211	82
	Total Shrubland	2,576	662	1,660	453
Transitional to Forest	Field-to-Forest	9,817	2,694	5,001	1,426
	Shrub-to-Forest	1,335	318	821	207
	Tall shrubland young forest	33,030	9,210	17,558	4,882
	Total Transitional to Forest	44,182	12,222	23,380	6,514
Recently Disturbed Forest	Recently Disturbed Forest	5,505	1,442	4,462	1,199
Regenerating Clearcut	Regenerating Clearcut	6,316	1,848	4,025	1,221
Regenerating Forest	Regenerating Forest	16,854	5,152	9,947	3,163
Palustrine Scrub-shrub & Forested wetlands	Palustrine Scrub-shrub & Forested wetlands	36,235	9,408	23,282	6,505
Total		123,323	34,147	73,055	20,953

Table S5. Error matrix populated by estimated proportion of area within Connecticut.

Map	Reference										
	Reverting Field	Shrubland	Transitional to Forest	Recently Disturbed Forest	Regenerating Clearcut	Regenerating Forest	Forest	Non-forest	Total i	Am,i (ha)	Total (Wi)
Reverting Field	0.0017	0.0002	0.0003	0.0000	0.0000	0.0000	0.0000	0.0005	0.0027	3,412	0.00265
Shrubland	0.0001	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0005	662	0.00051
Transitional to Forest	0.0002	0.0004	0.0080	0.0000	0.0000	0.0000	0.0000	0.0009	0.0095	12,222	0.00950
Recently Disturbed Forest	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0001	0.0002	0.0011	1,442	0.00112
Regenerating Clearcut	0.0000	0.0001	0.0000	0.0000	0.0009	0.0000	0.0000	0.0004	0.0014	1,848	0.00144
Regenerating Forest	0.0000	0.0001	0.0005	0.0000	0.0001	0.0025	0.0004	0.0005	0.0040	5,152	0.00400
Forest	0.0014	0.0000	0.0014	0.0000	0.0028	0.0028	0.4985	0.0627	0.5697	732,972	0.56970
Non-forest	0.0000	0.0000	0.0043	0.0000	0.0000	0.0043	0.0329	0.3695	0.4111	528,887	0.41107
Total j	0.0034	0.0011	0.0145	0.0008	0.0039	0.0097	0.5319	0.4347	1.0000	1,286,598	1.00000

Table S6. Hectares of young forest and shrubland vegetation types by complex size for the Goshen Uplands Focus Area.

Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	10 to 20	20+	
Reverting Field	54	39	10	7	111
Shrubland	23	30	12	0	65
Transitional to Forest	217	182	54	9	462
Recently Disturbed Forest	12	22	9	22	66
Regenerating Clearcut	21	26	39	34	120
Regenerating Forest	51	57	31	5	144
Palustrine Scrub-shrub & Forested wetland	149	167	147	69	532
Total	527	524	301	147	1,499

Table S7. Hectares of young forest and shrubland vegetation types by complex size for the Lebanon Focus Area.

Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	10 to 20	20+	
Reverting Field	33	13	10	0	56
Shrubland	3	0	4	0	7
Transitional to Forest	55	47	18	0	119
Recently Disturbed Forest	4	17	17	0	37
Regenerating Clearcut	15	17	12	0	45
Regenerating Forest	15	36	2	0	53
Palustrine Scrub-shrub & Forested wetland	30	48	18	0	96
Total	155	178	81	0	414

Table S8. Hectares of young forest and shrubland vegetation types by complex size for the Ledyard-Coast Focus Area.

Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	2 to 4	4 to 10	
Reverting Field	20	31	8	1	59
Shrubland	8	8	3	0	20
Transitional to Forest	71	107	66	30	274
Recently Disturbed Forest	24	24	21	28	97
Regenerating Clearcut	9	7	0	0	16
Regenerating Forest	22	11	7	2	41
Palustrine Scrub-shrub & Forested wetland	53	46	5	115	219
Total	206	234	110	176	726

Table S9. Hectares of young forest and shrubland vegetation types by complex size for the Lower Connecticut River Focus Area.

Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	2 to 4	4 to 10	
Reverting Field	16	31	10	3	59
Shrubland	3	4	2	0	9
Transitional to Forest	75	110	40	32	257
Recently Disturbed Forest	3	5	0	1	9
Regenerating Clearcut	14	13	6	0	34
Regenerating Forest	41	27	5	9	81
Palustrine Scrub-shrub & Forested wetland	71	140	30	90	331
Total	222	329	93	135	781

Table S10. Hectares of young forest and shrubland vegetation types by complex size for the Lower Housatonic River Focus Area.

Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	2 to 4	4 to 10	
Reverting Field	44	34	13	11	102
Shrubland	14	18	14	5	51
Transitional to Forest	149	128	69	44	391
Recently Disturbed Forest	2	14	10	2	29
Regenerating Clearcut	7	4	0	1	13
Regenerating Forest	27	25	3	4	59
Palustrine Scrub-shrub & Forested wetland	30	37	30	41	137
Total	274	261	140	109	783

Table S11. Hectares of young forest and shrubland vegetation types by complex size for the Middle Housatonic Focus Area.

Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	2 to 4	4 to 10	
Reverting Field	6	5	9	0	21
Shrubland	5	1	3	0	9
Transitional to Forest	20	64	28	2	114
Recently Disturbed Forest	2	1	0	6	10
Regenerating Clearcut	1	18	7	5	31
Regenerating Forest	5	27	10	21	63
Palustrine Scrub-shrub & Forested wetland	29	39	50	23	141
Total	68	156	107	57	388

Table S12. Hectares of young forest and shrubland vegetation types by complex size for the Newtown-Oxford Focus Area.

Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	2 to 4	4 to 10	
Reverting Field	20	8	1	0	29
Shrubland	5	6	0	0	10
Transitional to Forest	59	71	3	0	133
Recently Disturbed Forest	9	8	0	0	17
Regenerating Clearcut	8	11	0	1	20
Regenerating Forest	9	48	0	0	58
Palustrine Scrub-shrub & Forested wetland	39	75	23	76	214
Total	150	226	27	77	480

Table S13. Hectares of young forest and shrubland vegetation types by complex size for the Northern Border Focus Area.

Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	2 to 4	4 to 10	
Reverting Field	10	3	0	0	13
Shrubland	3	0	0	0	3
Transitional to Forest	33	25	0	0	59
Recently Disturbed Forest	18	48	35	81	183
Regenerating Clearcut	21	17	3	52	93
Regenerating Forest	53	72	16	113	254
Palustrine Scrub-shrub & Forested wetland	58	43	13	7	121
Total	195	209	68	254	725

Table S14. Hectares of young forest and shrubland vegetation types by complex size for the Pachaug Focus Area.

Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	2 to 4	4 to 10	
Reverting Field	17	35	24	1	76
Shrubland	1	2	2	0	5
Transitional to Forest	65	43	91	27	226
Recently Disturbed Forest	7	14	12	0	32
Regenerating Clearcut	16	19	10	42	87
Regenerating Forest	39	48	53	110	250
Palustrine Scrub-shrub & Forested wetland	54	78	1	21	154
Total	199	238	192	201	830

Table S15. Hectares of young forest and shrubland vegetation types by complex size for the Redding-Easton Focus Area.

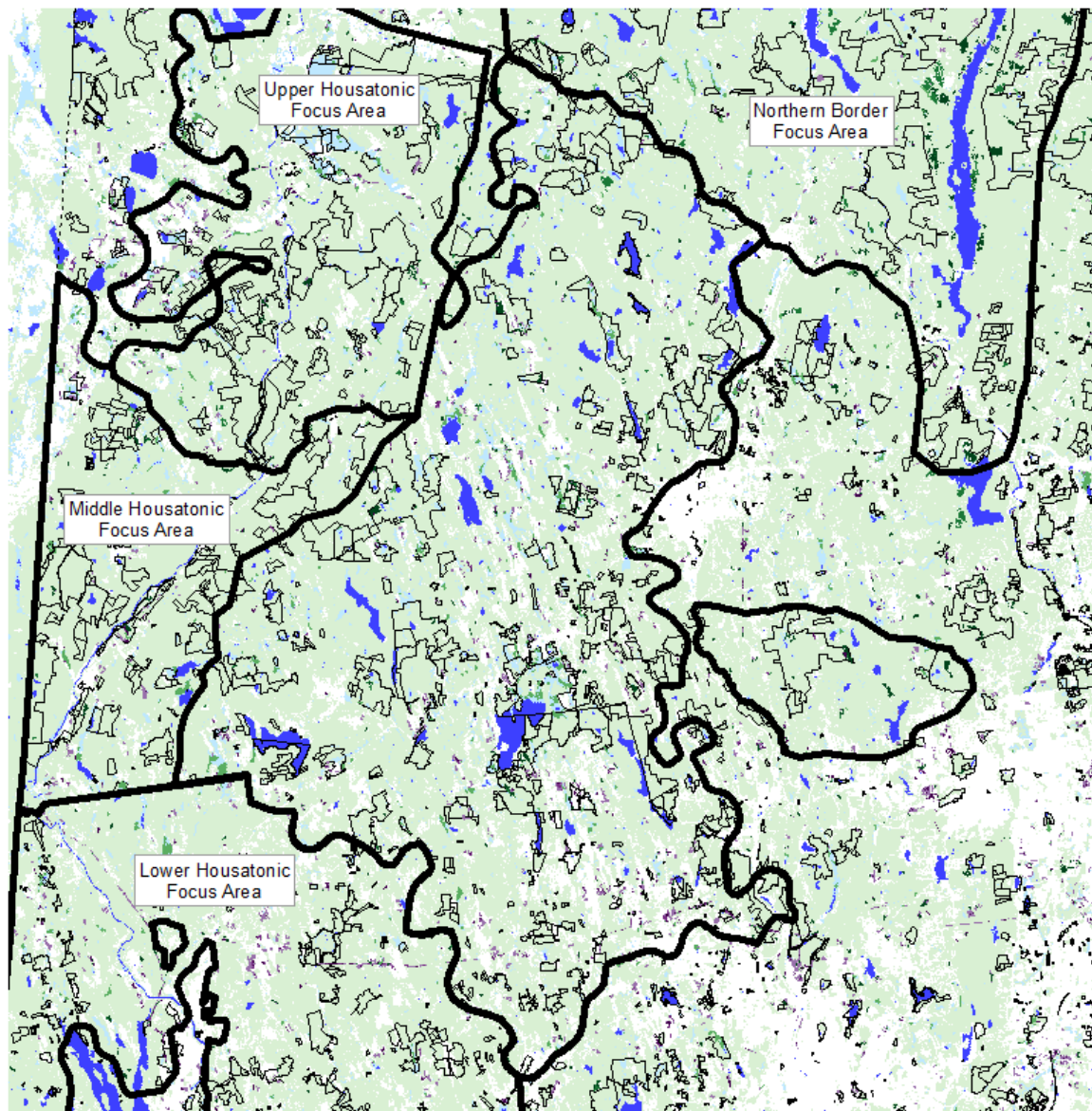
Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	2 to 4	4 to 10	
Reverting Field	4	4	0	0	8
Shrubland	3	1	0	0	4
Transitional to Forest	16	30	0	0	46
Recently Disturbed Forest	0	0	0	0	0
Regenerating Clearcut	4	6	0	0	10
Regenerating Forest	9	14	0	0	23
Palustrine Scrub-shrub & Forested wetland	16	44	26	0	87
Total	52	100	26	0	178

Table S16. Hectares of young forest and shrubland vegetation types by complex size for the Scotland-Canterbury Focus Area.

Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	2 to 4	4 to 10	
Reverting Field	31	9	7	0	46
Shrubland	2	1	1	0	4
Transitional to Forest	54	41	13	0	109
Recently Disturbed Forest	4	4	1	58	67
Regenerating Clearcut	20	14	15	16	64
Regenerating Forest	27	21	13	0	62
Palustrine Scrub-shrub & Forested wetland	35	29	44	5	113
Total	172	120	94	80	466

Table S17. Hectares of young forest and shrubland vegetation types by complex size for the Upper Housatonic Focus Area.

Vegetation Type	Complex Size (ha)				Total
	2 to 4	4 to 10	2 to 4	4 to 10	
Reverting Field	20	16	2	0	38
Shrubland	6	5	2	0	12
Transitional to Forest	89	77	32	0	199
Recently Disturbed Forest	8	15	0	0	23
Regenerating Clearcut	5	12	0	0	18
Regenerating Forest	17	39	12	0	69
Palustrine Scrub-shrub & Forested wetland	69	96	27	7	199
Total	213	261	75	8	557



Goshen Uplands Focus Area

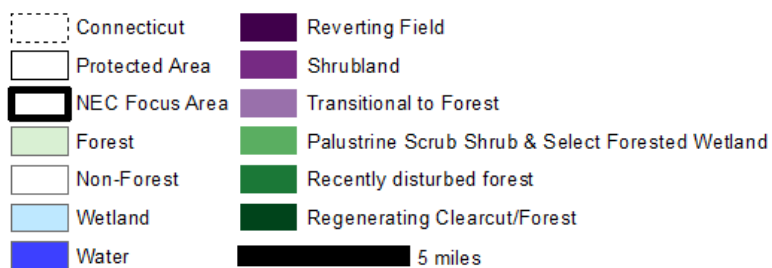
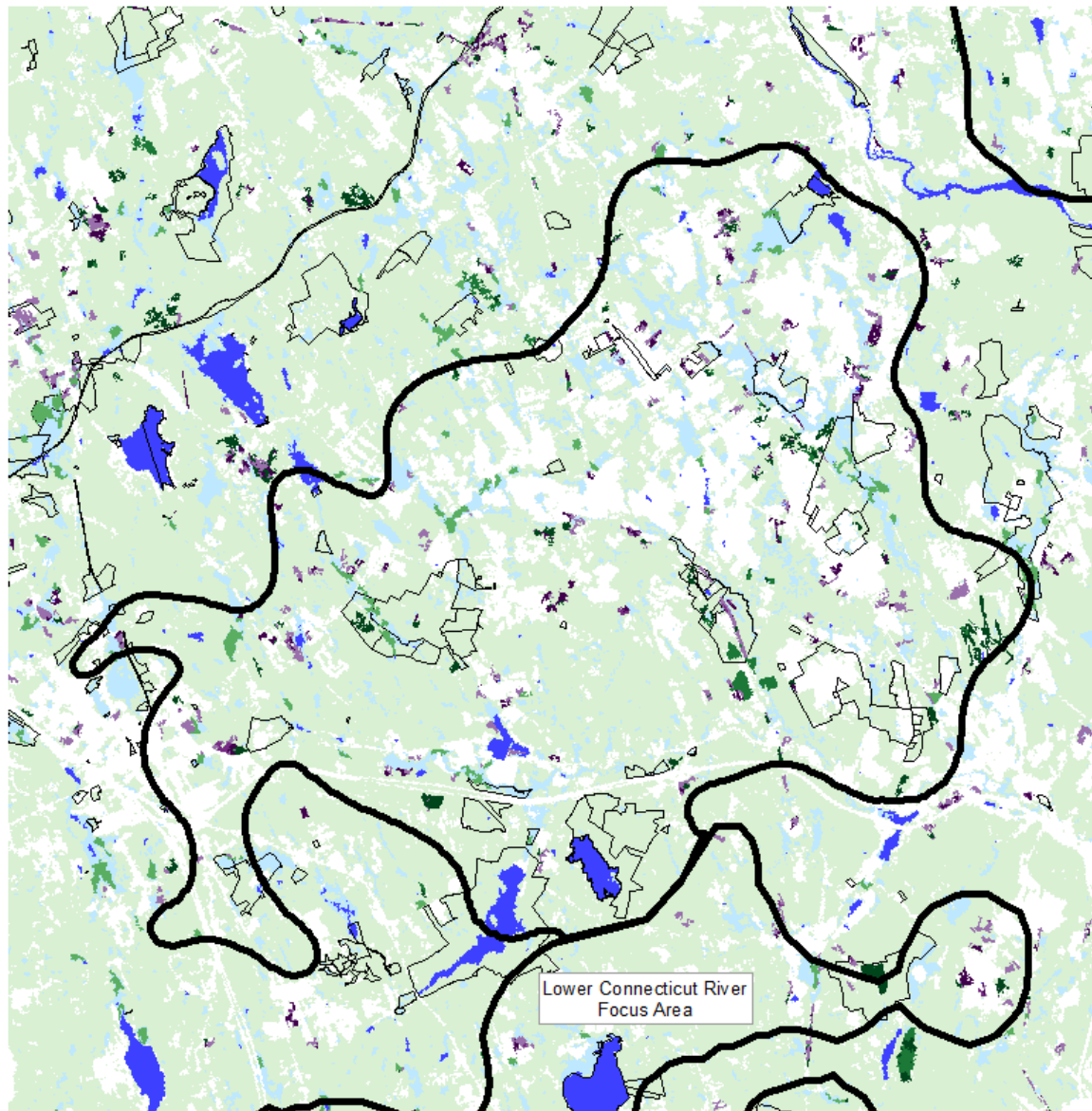


Figure S1. Young forest and shrubland vegetation map for the Goshen Upland Focus Area.



Lebanon Focus Area

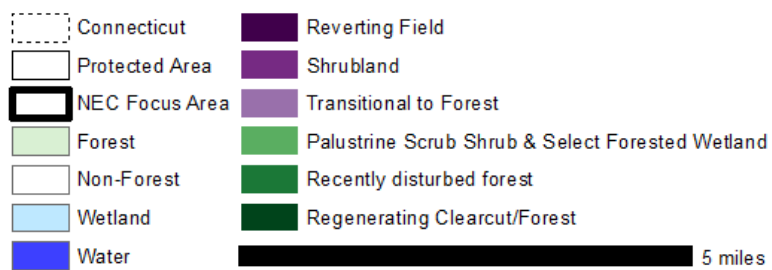


Figure S2. Young forest and shrubland vegetation map for the Lebanon Focus Area.



Ledyard-Coast Focus Area

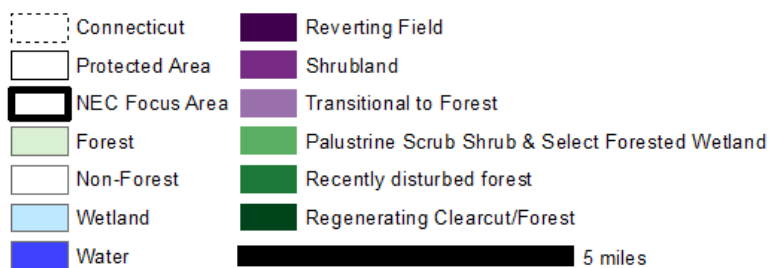
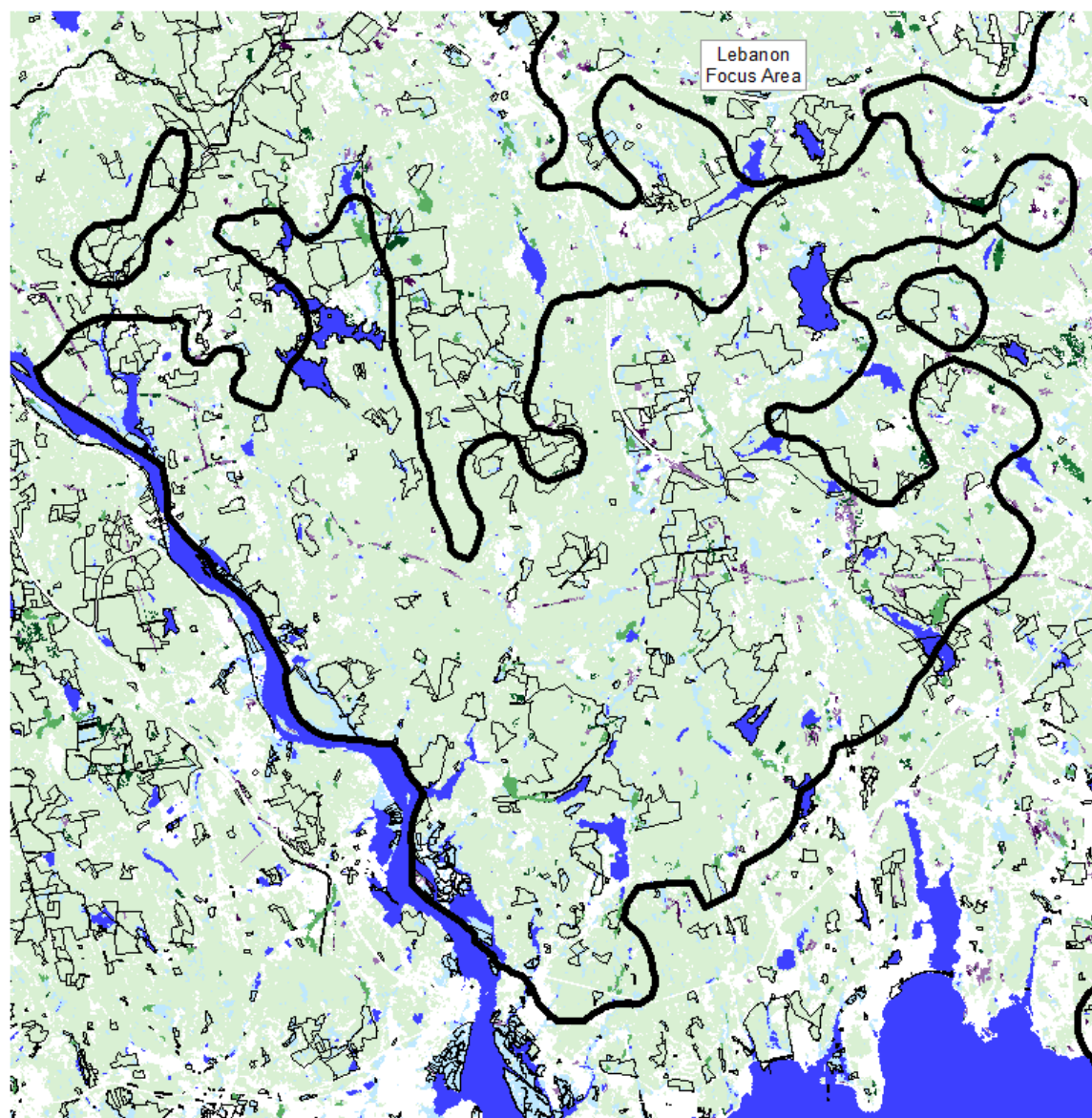


Figure S3. Young forest and shrubland vegetation map for the Ledyard-Coast Focus Area.



Lower Connecticut River Focus Area

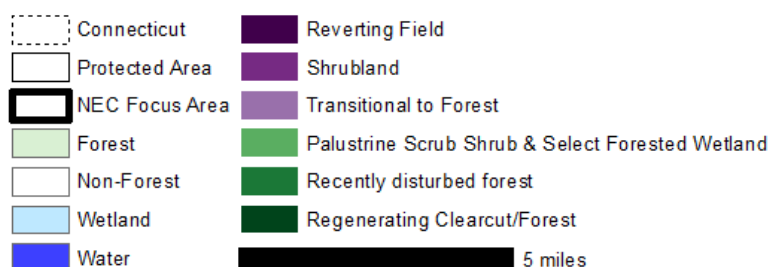
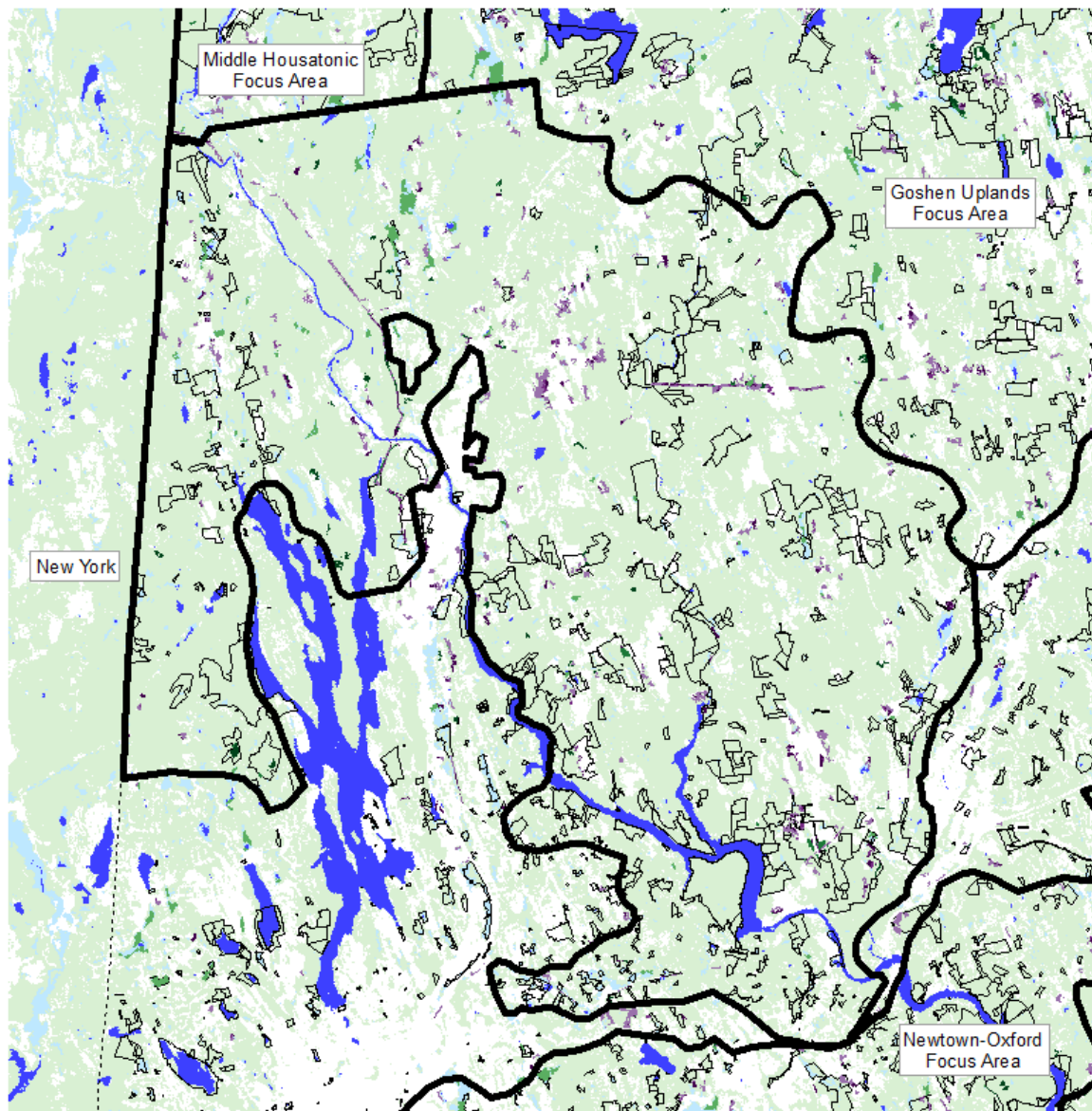


Figure S4. Young forest and shrubland vegetation map for the Lower Connecticut River Focus Area.



Lower Housatonic Focus Area

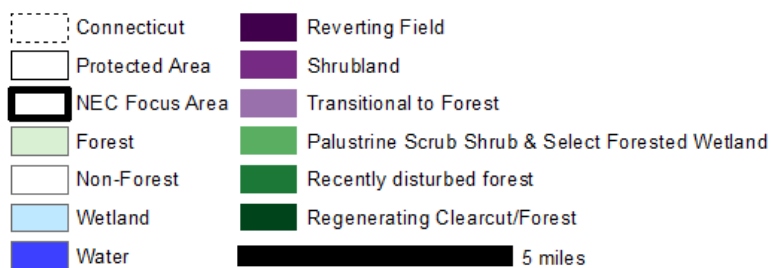
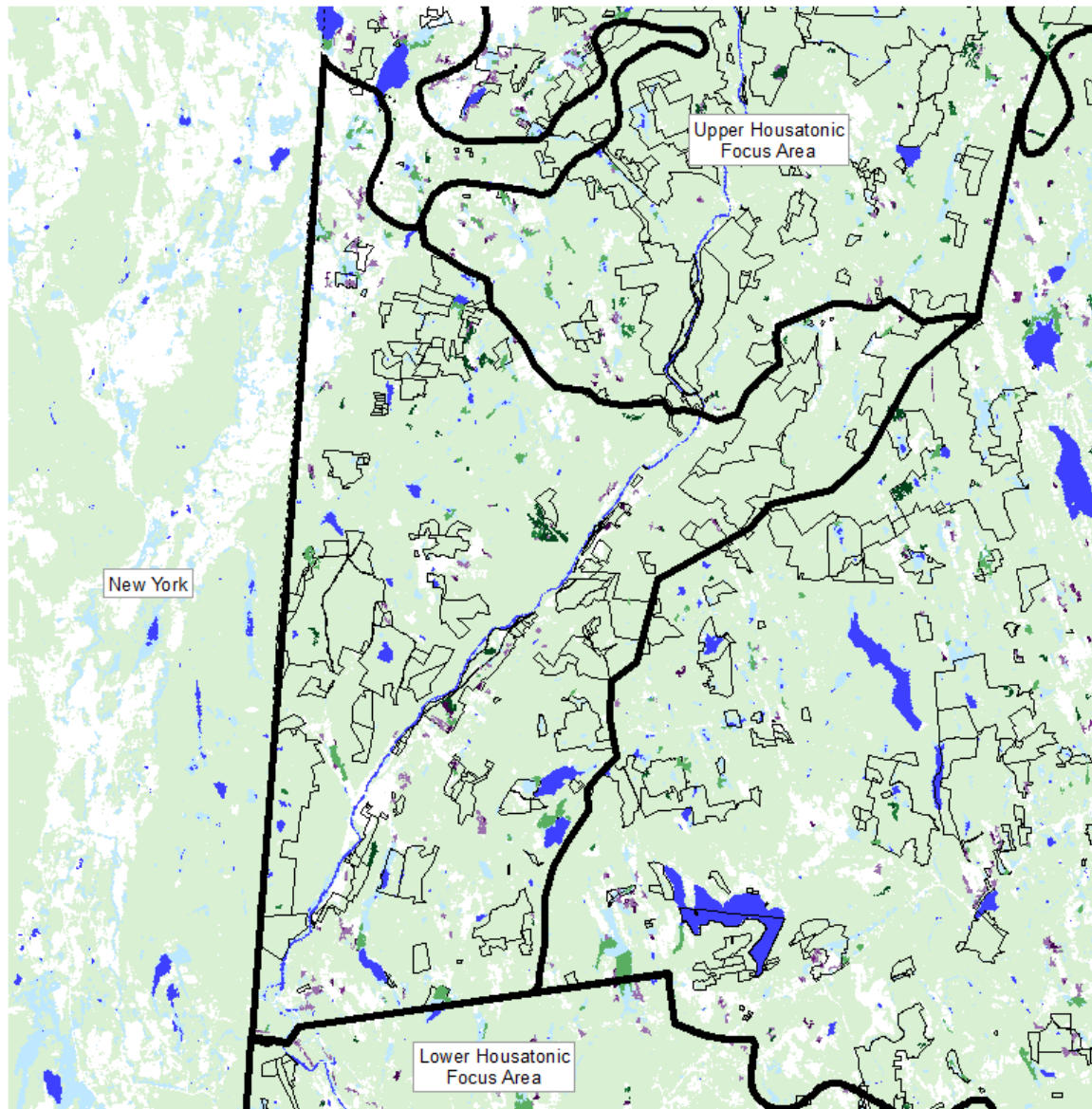


Figure S5. Young forest and shrubland vegetation map for the Lower Housatonic River Focus Area.



Middle Housatonic Focus Area

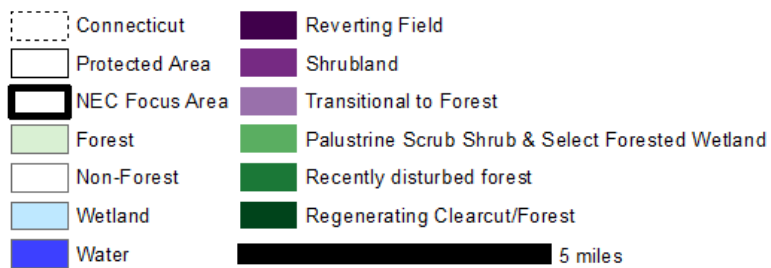
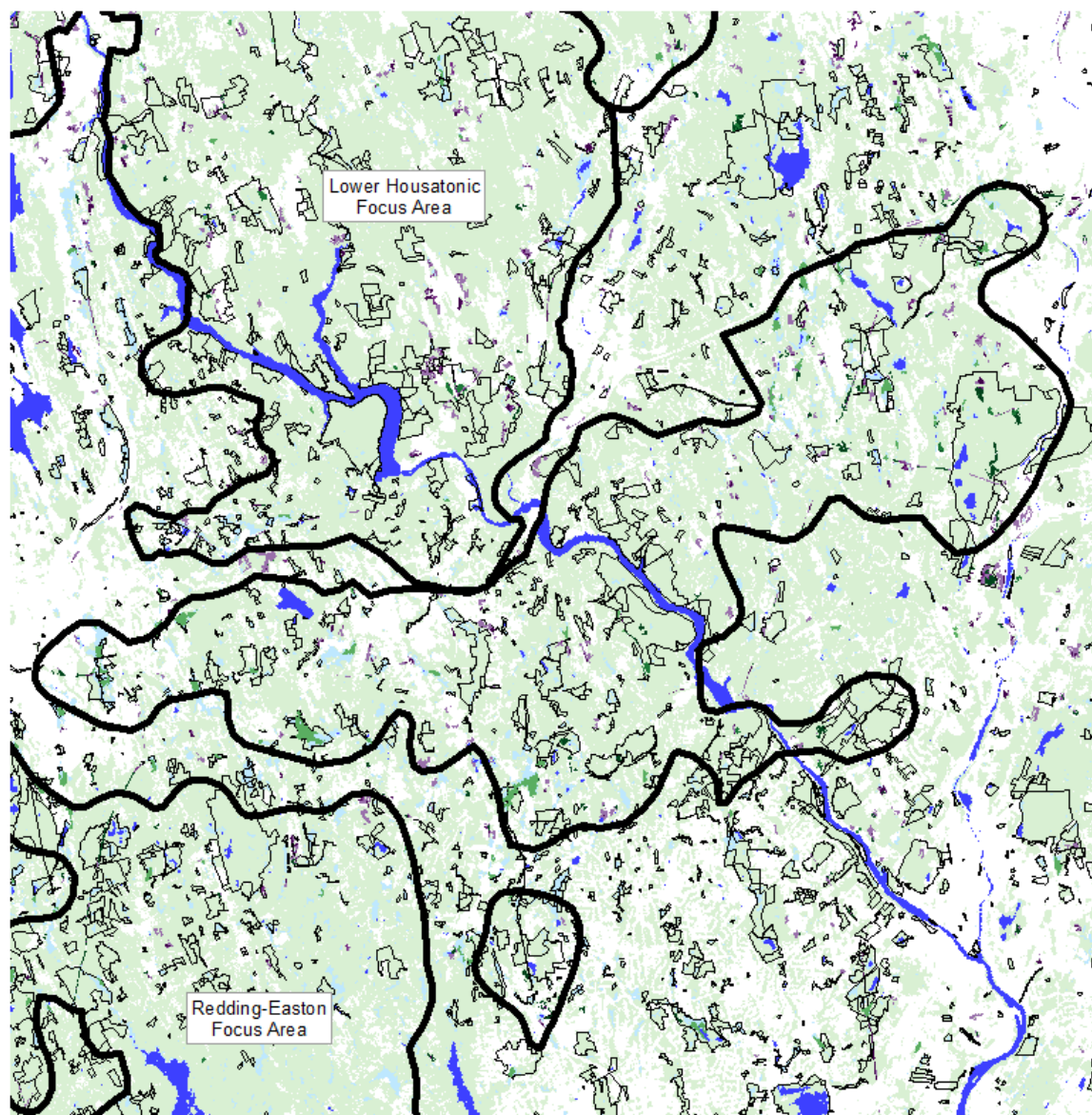


Figure S6. Young forest and shrubland vegetation map for the Middle Housatonic River Focus Area.



Newtown-Oxford Focus Area

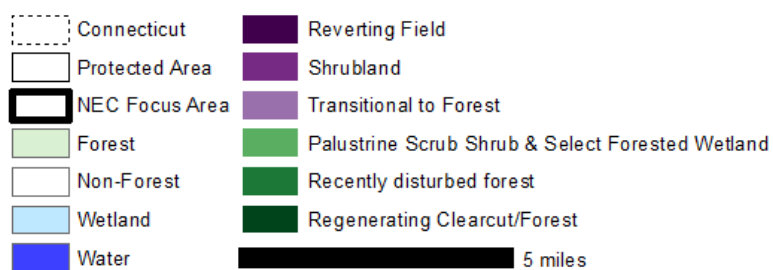
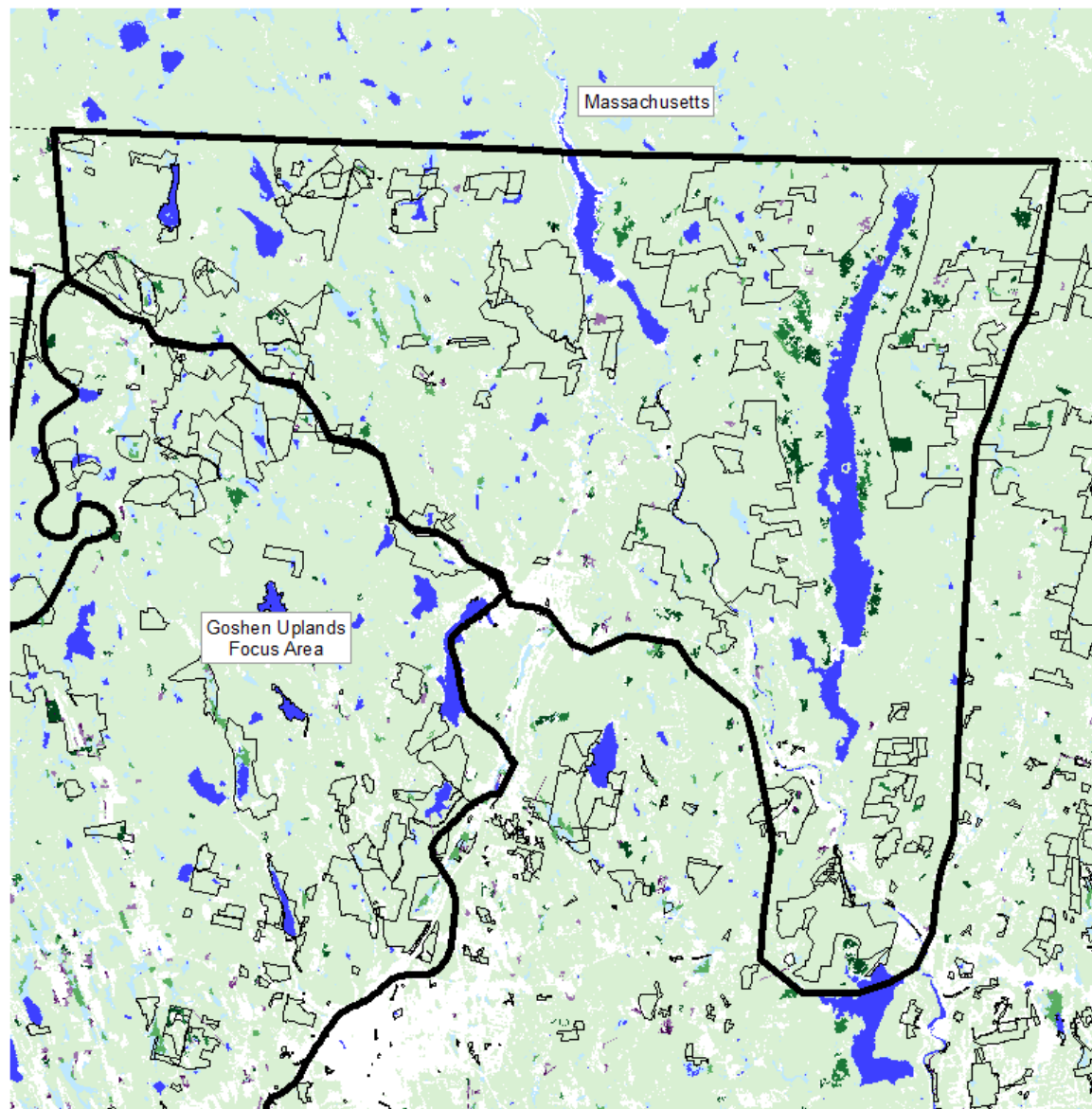


Figure S7. Young forest and shrubland vegetation map for the Newtown-Oxford Focus Area.



Northern Border Focus Area

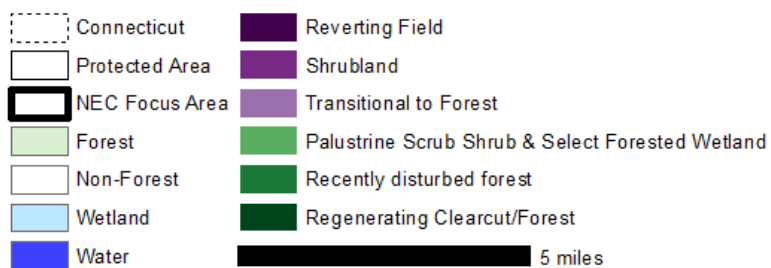
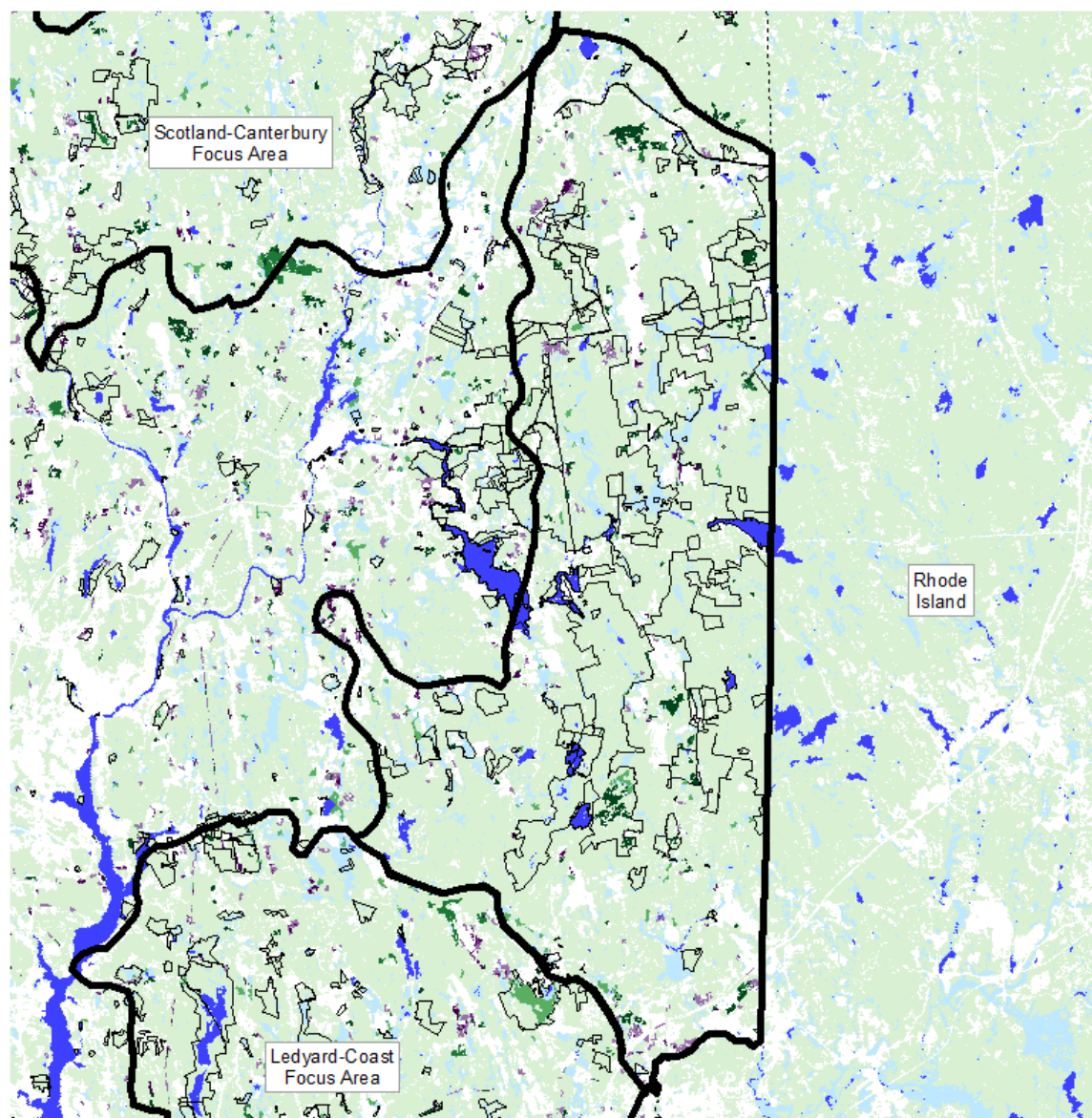


Figure S8. Young forest and shrubland vegetation map for the Northern Border Focus Area.



Pachaug Focus Area

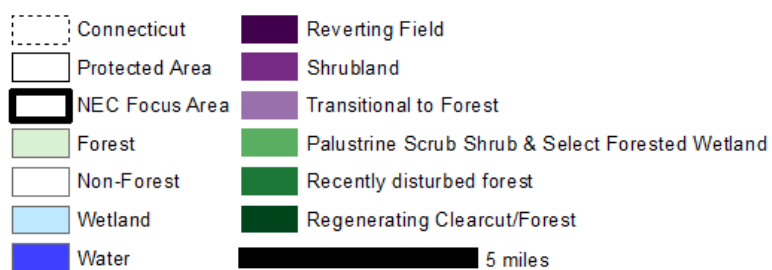
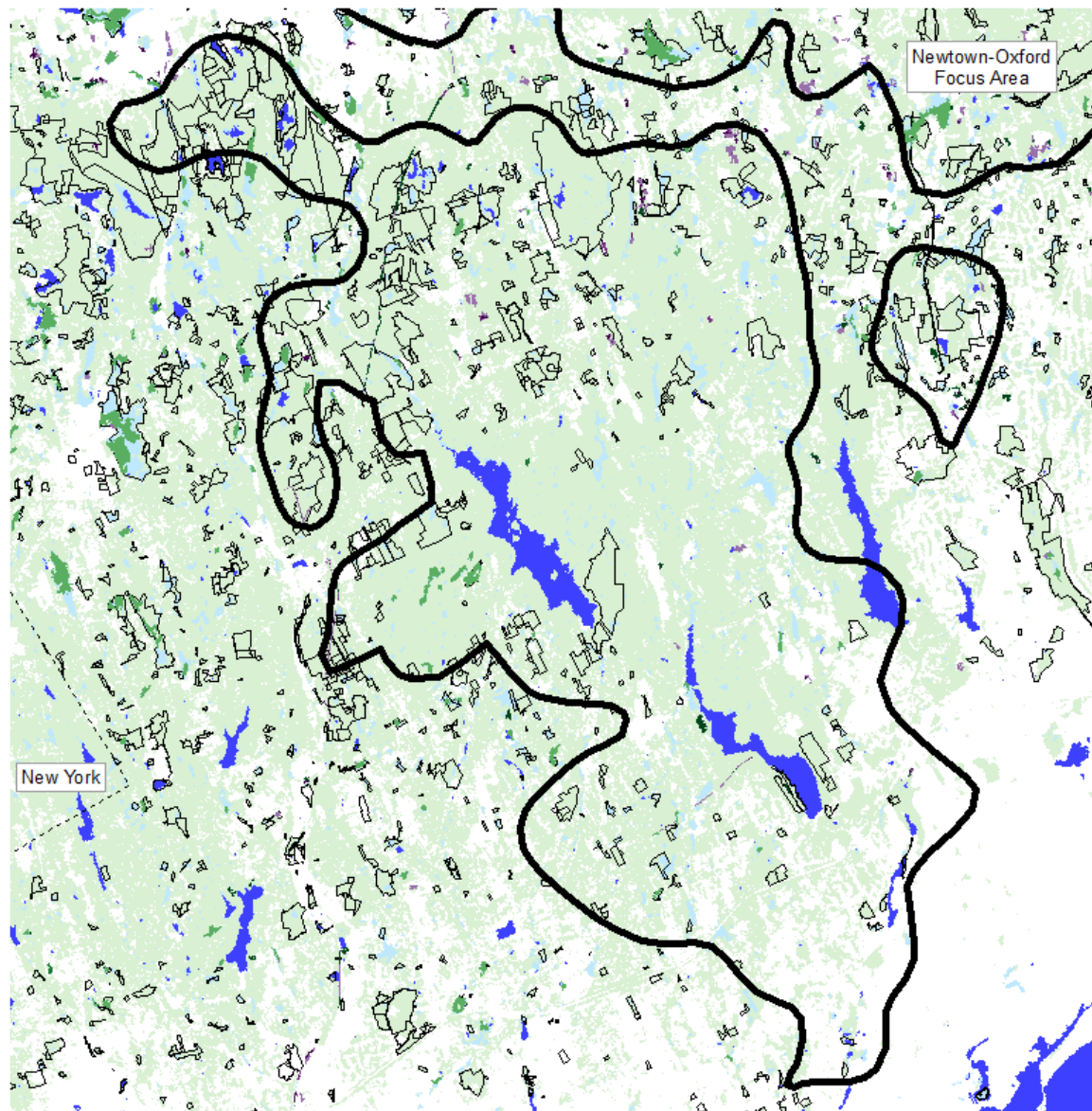


Figure S9. Young forest and shrubland vegetation map for the Pachaug Focus Area.



Redding-Easton Focus Area

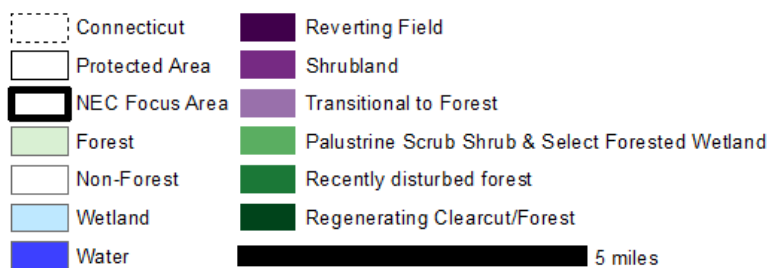
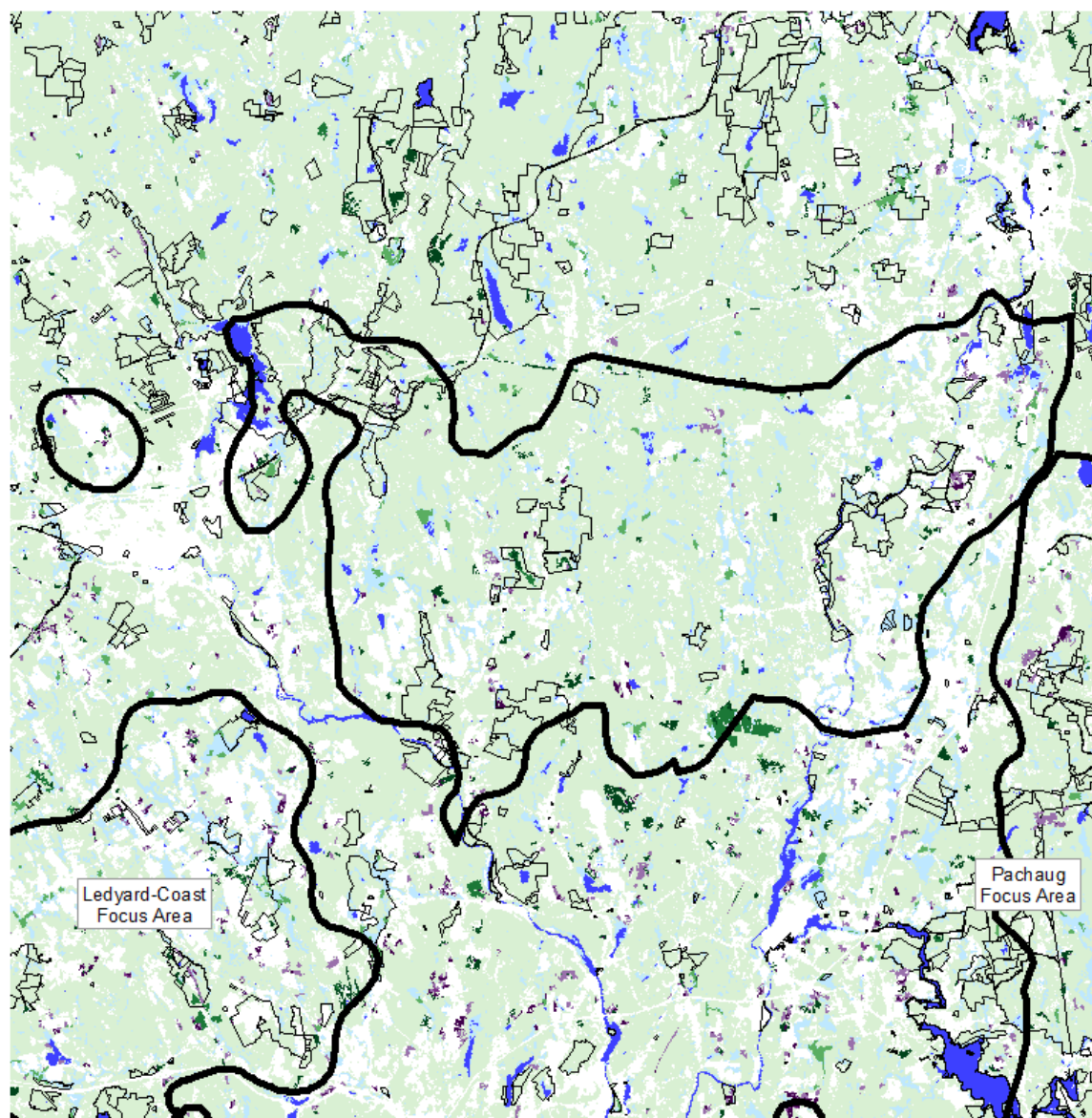


Figure S10. Young forest and shrubland vegetation map for the Redding-Easton Focus Area.



Scotland-Canterbury Focus Area

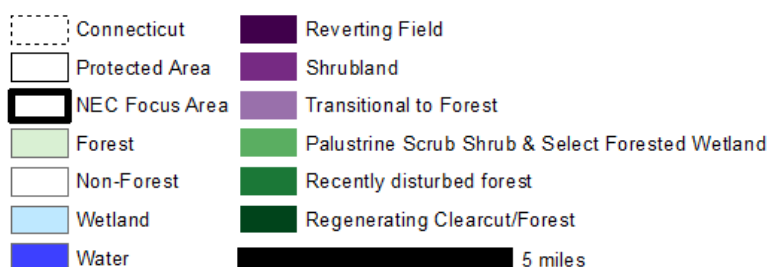
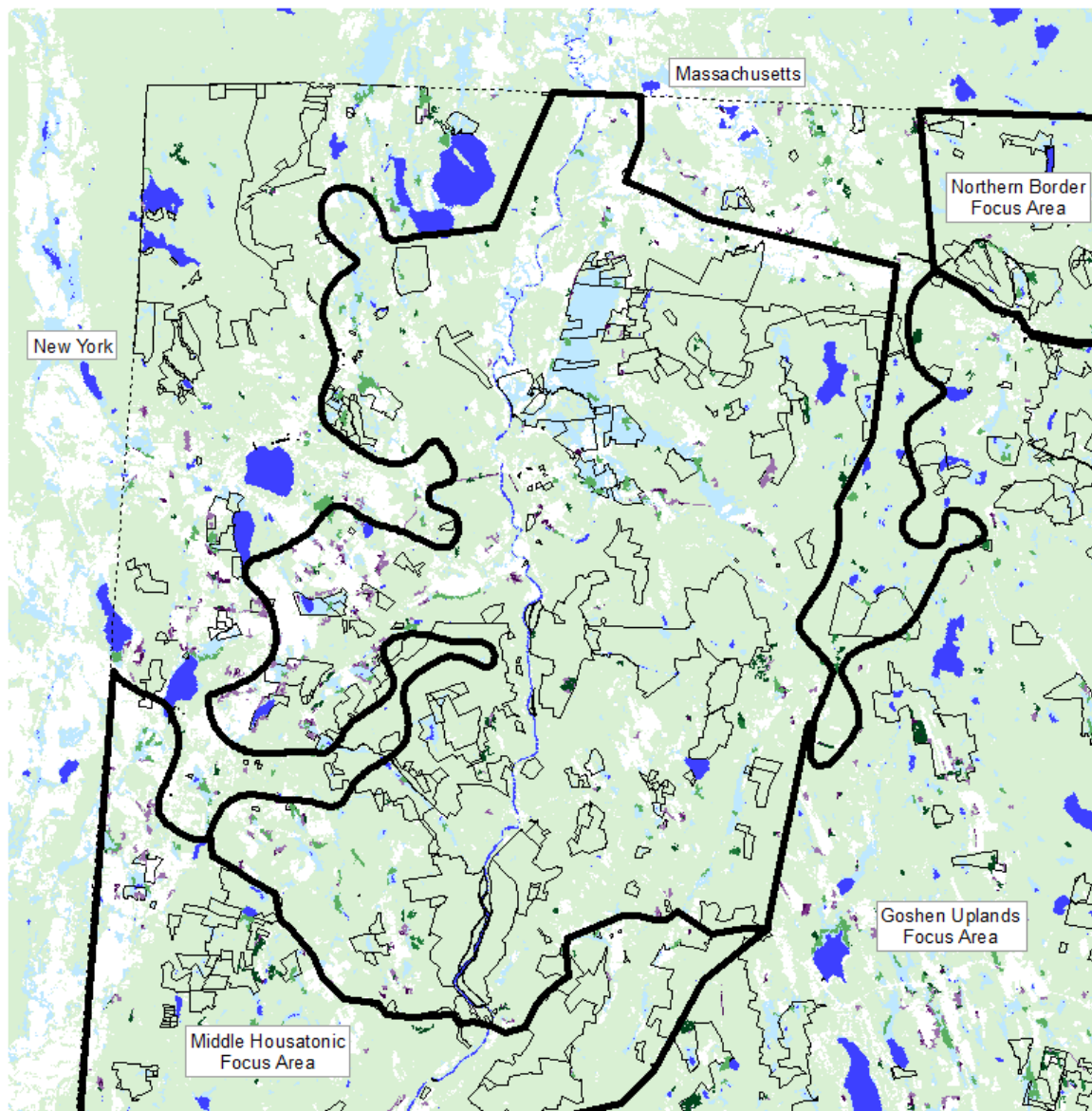


Figure S11. Young forest and shrubland vegetation map for the Scotland-Canterbury Focus Area.



Upper Housatonic Focus Area

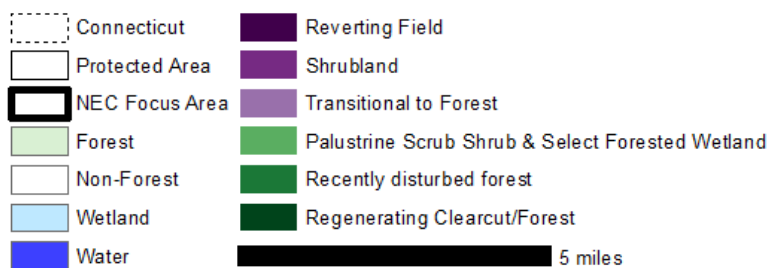


Figure S12. Young forest and shrubland vegetation map for the Upper Housatonic River Focus Area.