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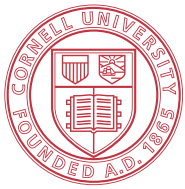
NTRES 2100 – Ringwood Natural Areas lab

Date and Time – 2015-09-08, 14:00

Location – Ringwood Natural Areas

Coordinates – 387894.32 m E, 4700681.95 m N






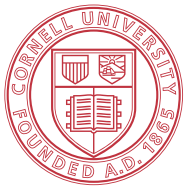


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NTRES 2100 – Ringwood Natural Areas lab

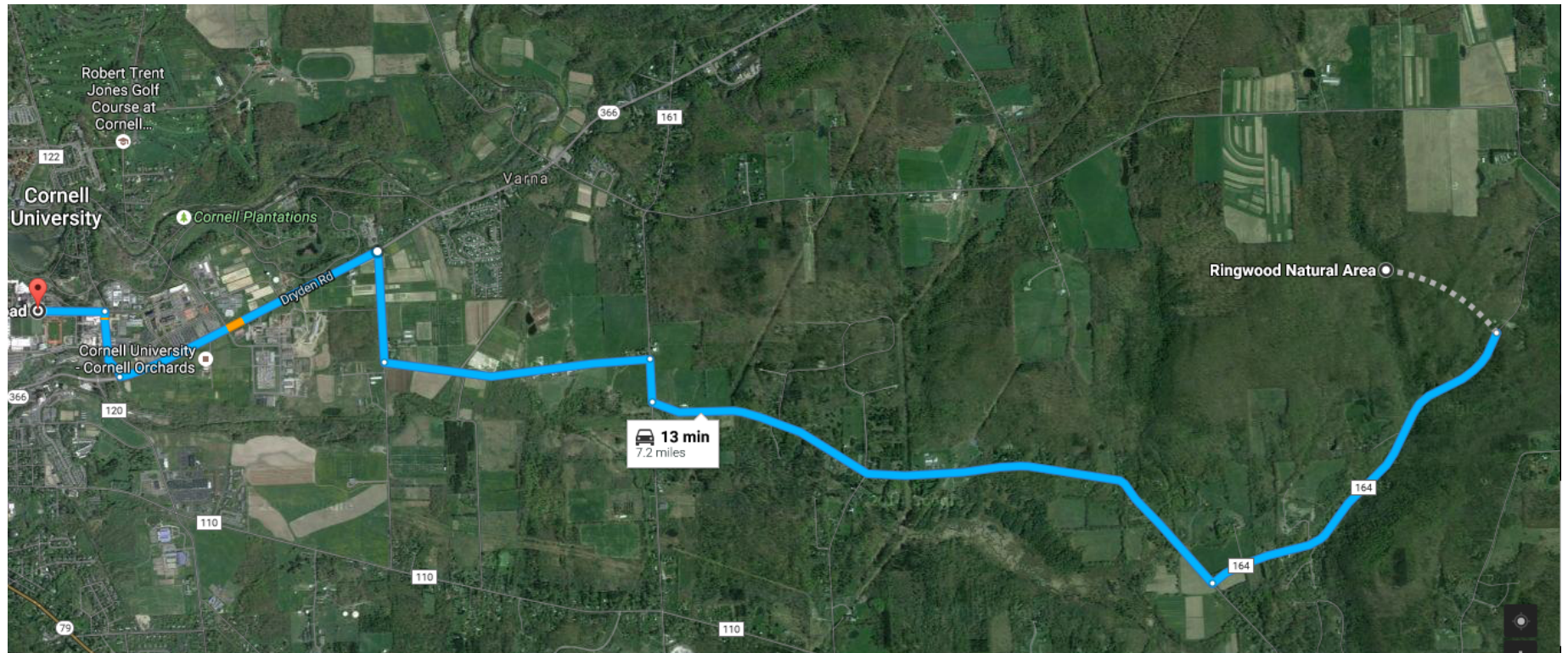
Shade Tolerance

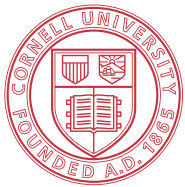
Intolerant	Midtolerant	Tolerant
		
Needs full sunlight	Grows in partial sunlight	Endures forest shade
Common Tree Species		
Yellow-poplar Paper and gray birch Bitternut and mockernut hickory Aspen Ash Pin cherry	Red, black, and scarlet oak Shagbark hickory White and chestnut oak Eastern white pine Black and yellow birch Blackgum	Hemlock Sugar, red, and striped maple Beech Basswood Spruce
Species Characteristics Analogy		
<i>High stakes gambler</i> Fast growth rate Few reserves Short lifespan High mortality	<i>Investor</i> Moderate growth Some reserves Medium lifespan Moderate mortality	<i>Miser</i> Potentially slow growth rate Large reserves Long lifespan Low mortality



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NTRES 2100 – Ringwood Forest lab

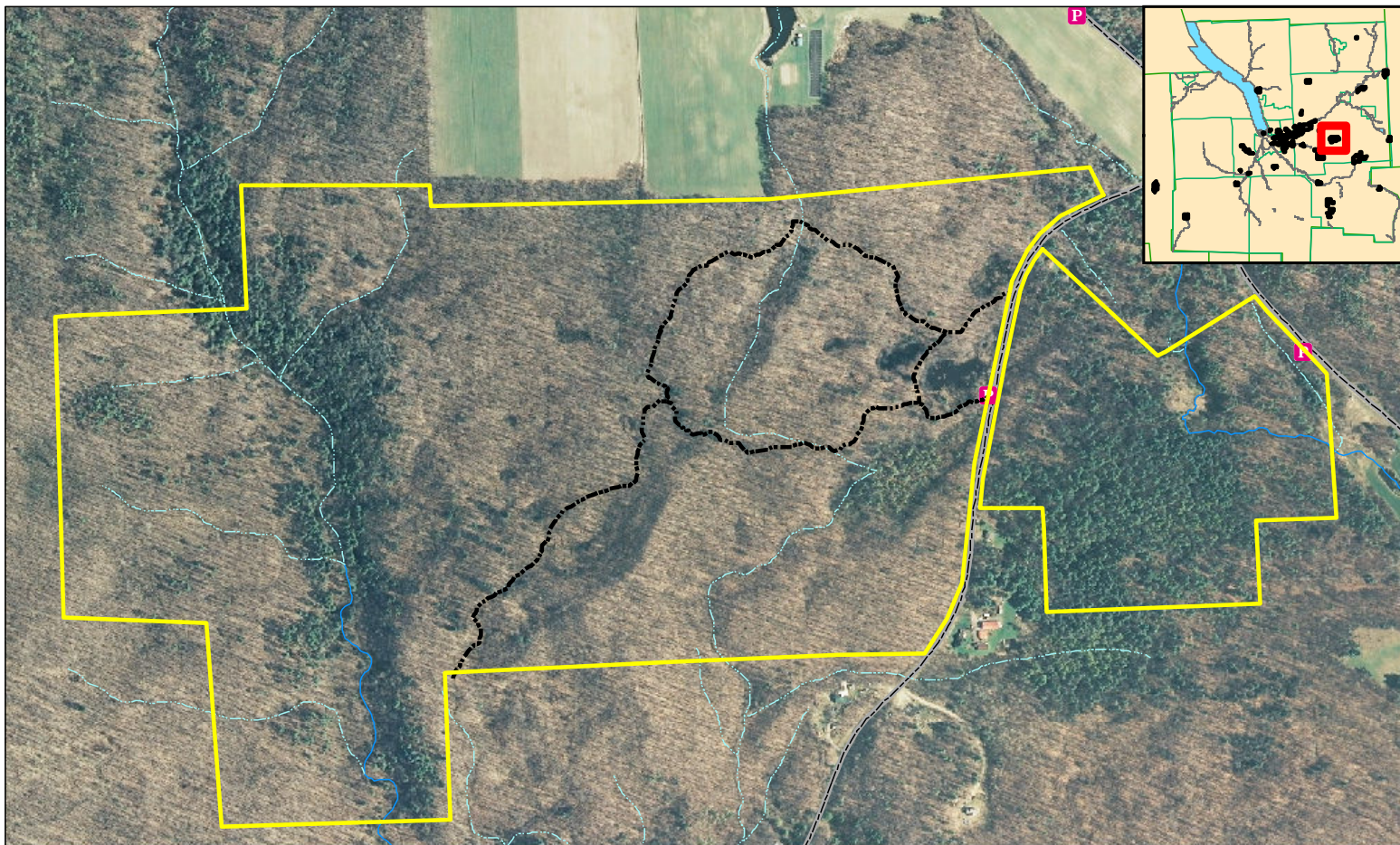




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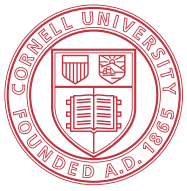
NTRES 2100 – Ringwood Forest lab

Cornell Plantations Natural Areas - Ringwood Ponds



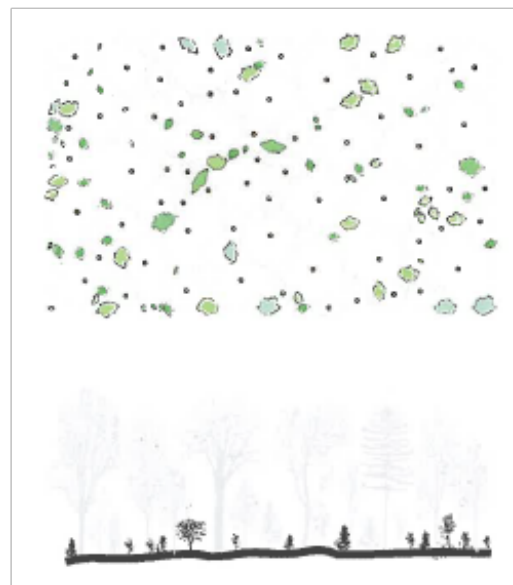
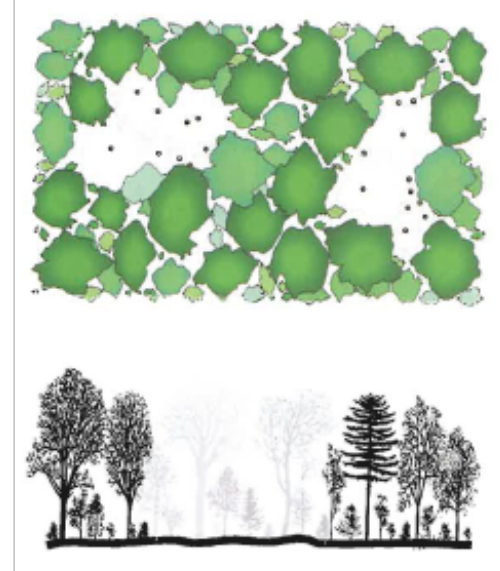
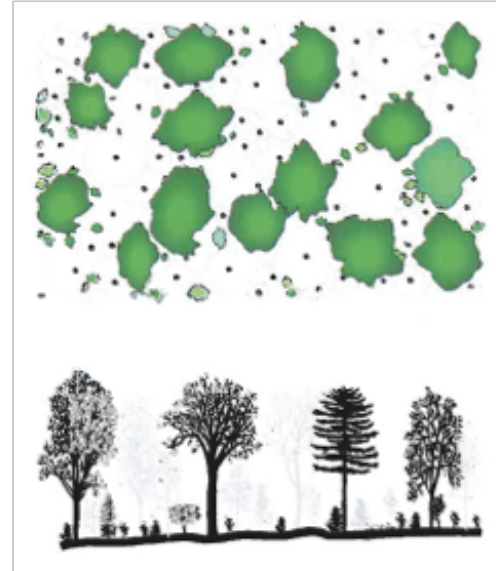
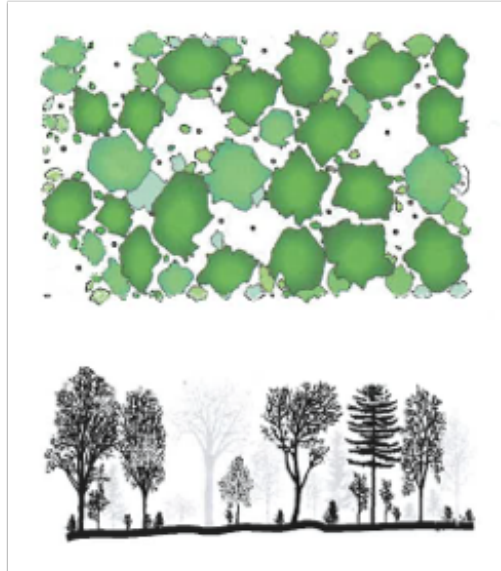
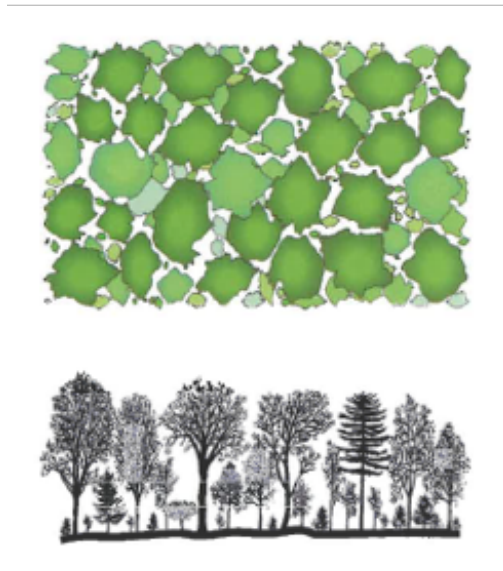
Plantations Natural Areas	Streams	Cornell Plantations Botanical Gardens • Arboretum • Natural Areas	N W E S
Plantations Trail System	Intermittent Stream		
Roads	Perennial Stream		
Parking Area			

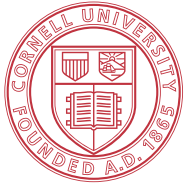
400 200 0 400 800 1,200 1,600 Feet



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NTRES 2100 - Introduction to Field Biology – Fall 2016





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NTRES 2100 - Introduction to Field Biology – Fall 2016

In the field today:

- GPS & compass usage
- Pacing & establishing PFI plots
- Tree id
- Data collection
- Data analysis -> next week