

Eastowne Northern Tract

- Approximately 20 acres in size
- Part of Dry Creek/Mt. Moriah Bottomland
 - Statewide Overall Rating Scale: Exceptional
Very High
High
Dry Creek/Mt. Moriah: Moderate
General
Unranked



- Aerial photographs show forest is greater than 80 years old
- Mature forest with canopy trees 12 to 16 inches in size with some as large as 28 inches
- Forest communities: swamp, alluvial, headwater, mesic basic and dry-mesic oak-hickory

Eastowne Northern Tract

Contains Dry-mesic Basic Oak-Hickory
Forest on upland areas (from M. Schafele, NC
NHP)

Canopy – White oak, red oak, white ash,
Biltmore ash, shagbark hickory
& mockernut hickory

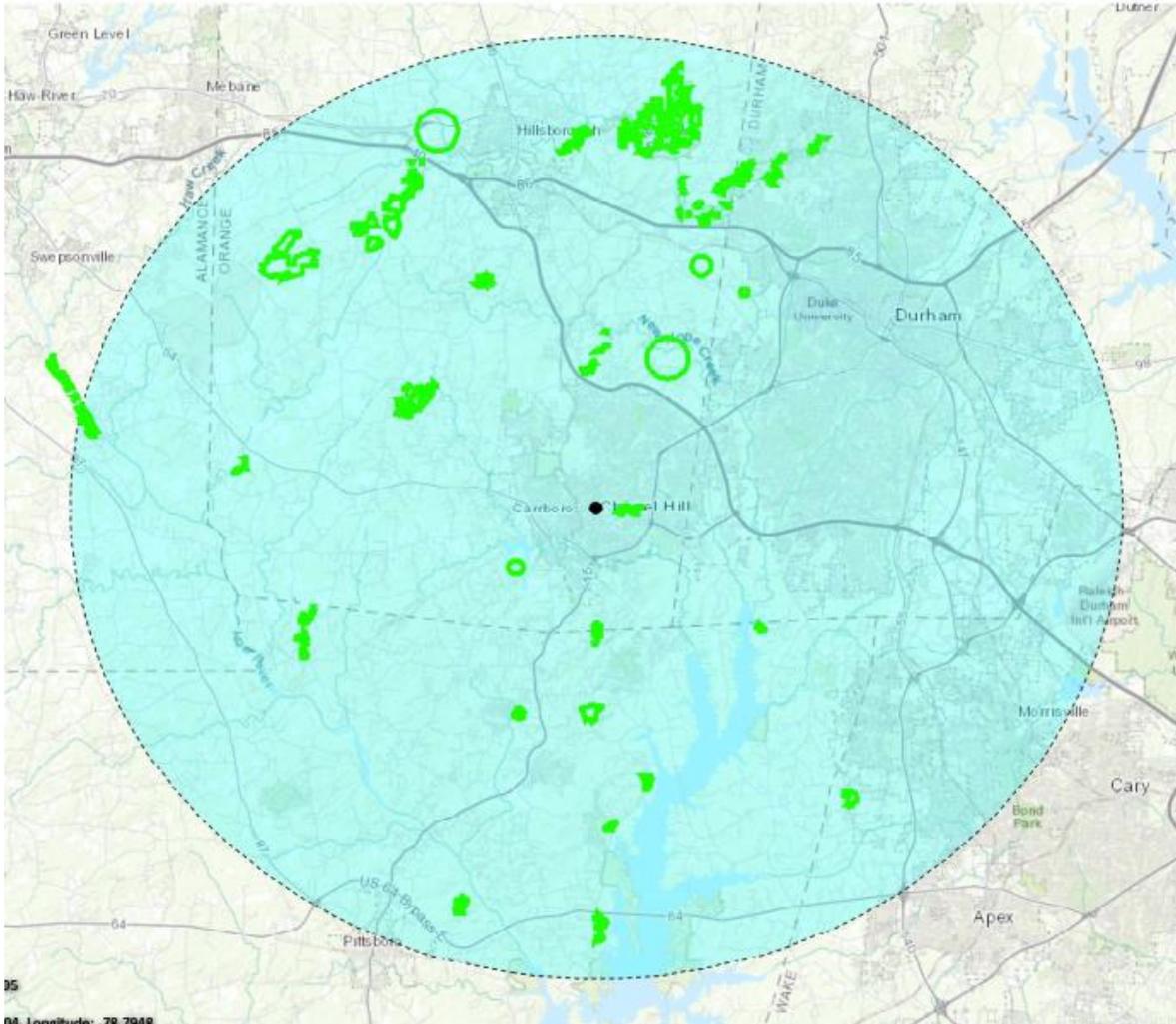
Understory – So. sugar maple, chalk
maple, flowering dogwood,
black cherry, redbud &
Ironwood

Shrub Layer – downy arrowwood,
blackhaw, maple-leaf
arrowwood

Herb Layer – Bosc's panicgrass, Virginia
wildrye, American lopseed,
sanicle

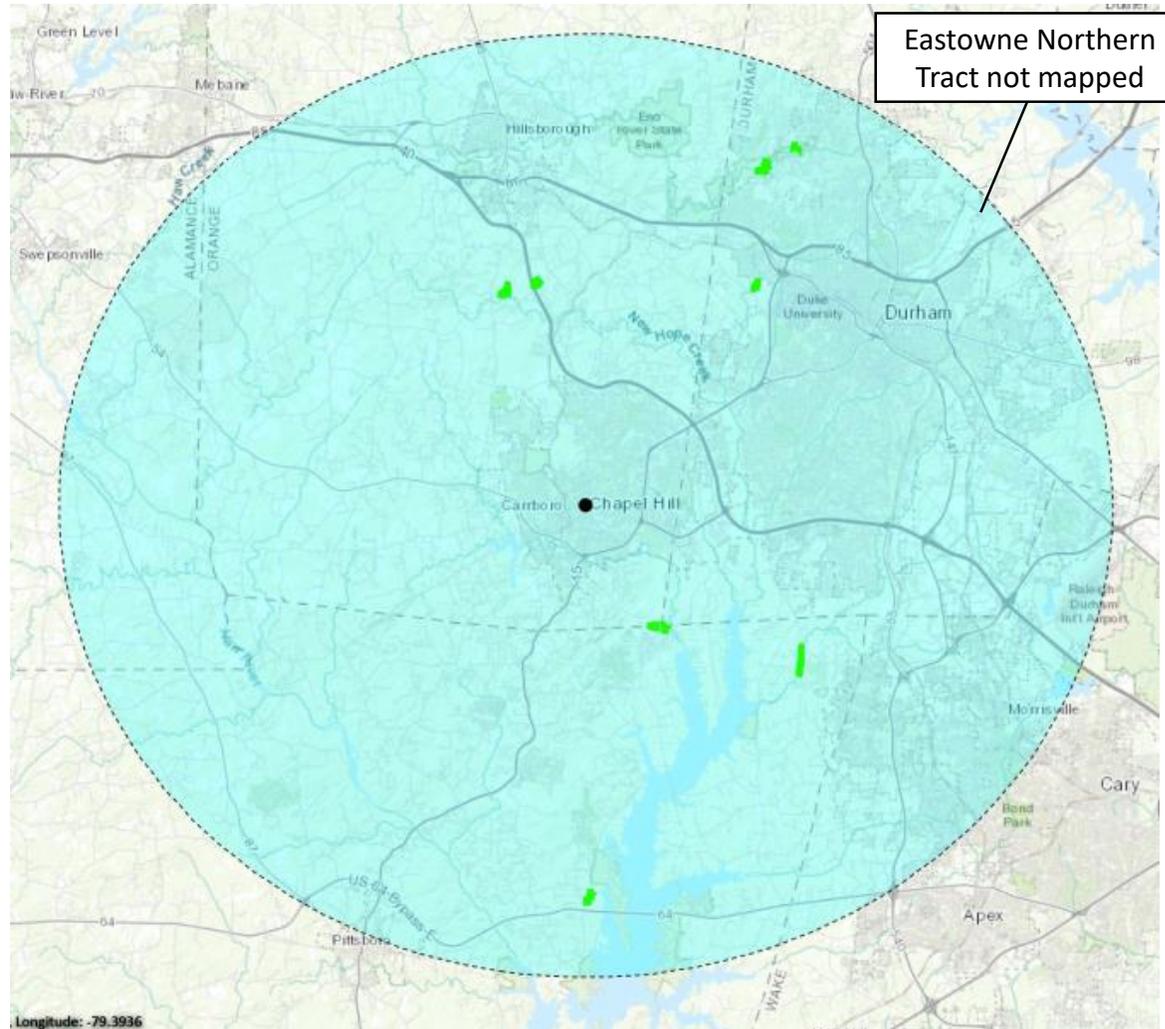


Dry-mesic Oak-Hickory Forest



- According to the NHP Guide to the Natural Communities of NC, perhaps most common association in the Piedmont
- NHP Natural Areas with Dry-mesic Oak-Hickory Forest within 15-mile radius of Chapel Hill
- 26 sites totaling 5,673 acres

Dry-mesic Basic Oak-Hickory Forest



- Occurs less frequently than commonly occurring Dry-mesic Oak-Hickory Forest
- NHP Natural Areas with Dry-mesic Basic Oak-Hickory Forest within 15-mile radius Chapel Hill
- 7 sites totaling 149 acres
 - All sites are in Orange County are mature forests over 80 years old
 - Eastowne Tract is not included

Eastowne Northern Tract

- Eastowne Tract basic forest is not mapped. But, may be added based on recent NHP assessment
- 17% of the land in a 15-mile radius around Chapel Hill (75,144 acres) contains basic soils that may support Dry-mesic Basic Oak-Hickory Forest
- 24% of the land in Chapel Hill's ETJ (4,296 acres) contains basic soils that may support Dry-mesic Basic Oak-Hickory Forest, of which 5% is forested (942 acres)

Eastowne Northern Tract

- Dry Creek/Mt. Moriah Bottomland Overall Rating
 - Overall based on Highest value of Representational and Collective Rating
 - Representational rating – General
 - Natural areas contains 13th to 30th best examples in the state based on global rarity elements present
 - Collective rating – Moderate
 - Natural areas has a minimum of 2 elements documented
 - Elements = plants, animals, exemplary or unique natural communities, and animal assemblages important to conservation of state's biodiversity