

# Natural Community Surveys of State Forest Lands - 2025



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Michigan Natural Features Inventory  
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No Muskeg for Old Men, Newberry Forest Management Unit. Photo by Joshua G. Cohen.

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**Cover Photo:** Sleeper Pines dry northern forest, Newberry Forest Management Unit. Photo by Joshua G. Cohen

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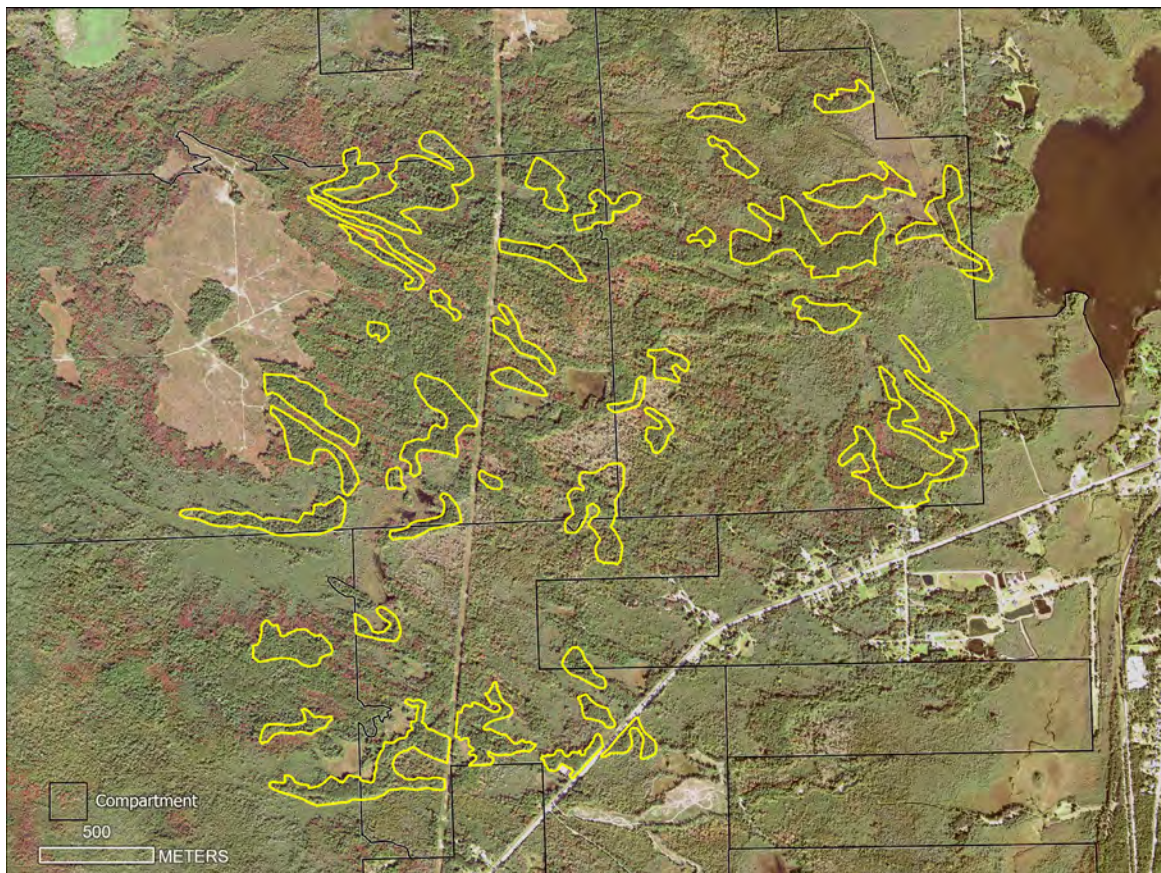


### Atlanta Compartments 6, 87, and 90

Surveys targeted Norway Pines dry-mesic northern forest (EO ID 18765, BC rank). Following the 2025 survey, the element occurrence rank of BC was confirmed and the mapped boundary of the EO was updated with recent aerial imagery and numerous additional polygons.



Norway Pines dry-mesic northern forest (EO ID 18765). Photo by Joshua G. Cohen.



2020 aerial photograph of Norway Pines dry-mesic northern forest (EO ID 18765)



### **Baraga Compartment 188**

Surveys targeted wetland natural community element occurrences along the Fence River including rich conifer swamp (EO ID 18756), northern wet meadow (EO ID 18755), northern shrub thicket (EO ID 18753), and muskeg (EO ID 18752). The rich conifer swamp was reclassified to hardwood-conifer swamp, remapped, and downgraded from a BC rank to a CD rank due to the extensive mortality of black ash from emerald ash borer. Following the 2025 survey, the element occurrence ranks were confirmed for the northern wet meadow (B Rank), northern shrub thicket (B Rank), and muskeg (B rank) and their boundaries were remapped.



Fence River hardwood-conifer swamp (EO ID 18756). Photo by Connor C. Wojtowicz.





Fence River hardwood-conifer swamp (EO ID 18756). Photo by Connor C. Wojtowicz.

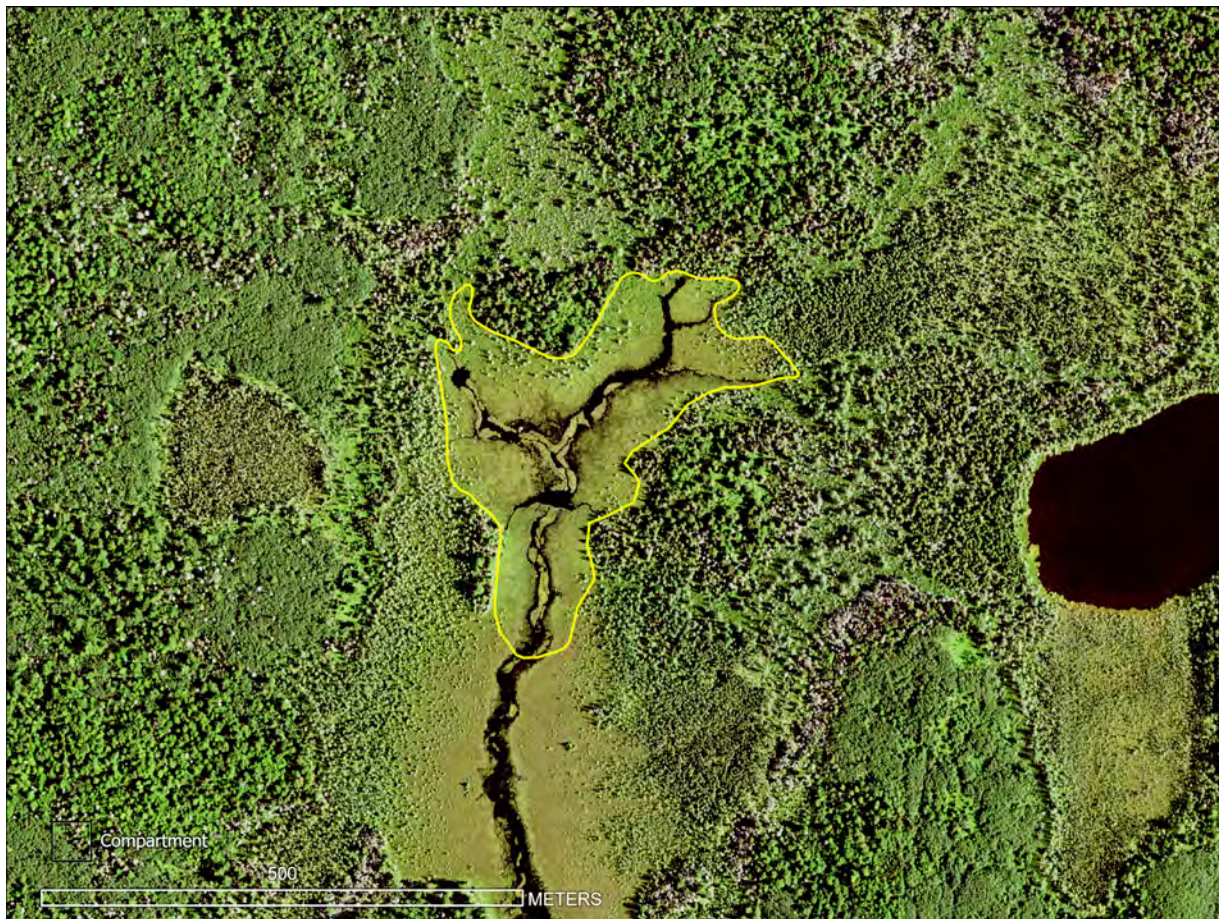


2020 aerial photograph of Fence River hardwood-conifer swamp (EO ID 18756).





Fence River northern wet meadow (EO ID 18755). Photo by Connor C. Wojtowicz.



2020 aerial photograph of Fence River northern wet meadow (EO ID 18755).





Fence River northern shrub thicket (EO ID 18753). Photo by Connor C. Wojtowicz.



2020 aerial photograph of Fence River northern shrub thicket (EO ID 18753).





Fence River muskeg (EO ID 18752). Photo by Connor C. Wojtowicz.



2020 aerial photograph of Fence River muskeg (EO ID 18752).



### **Gwinn Compartment 56**

Surveys targeted Landon Lake Pines dry-mesic northern fen (EO ID 15922, B rank) and Landon Lake poor conifer swamp (EO ID 17609, AB Rank). Following the 2025 survey, the element occurrence ranks of the dry-mesic northern forest and poor conifer swamp were confirmed and the boundaries of the dry-mesic northern forest were remapped.



Landon Lake Pines dry-mesic northern forest (EO ID 15922). Photo by Joshua G. Cohen.





Landon Lake Pines dry-mesic northern forest (EO ID 15922). Photo by Joshua G. Cohen.

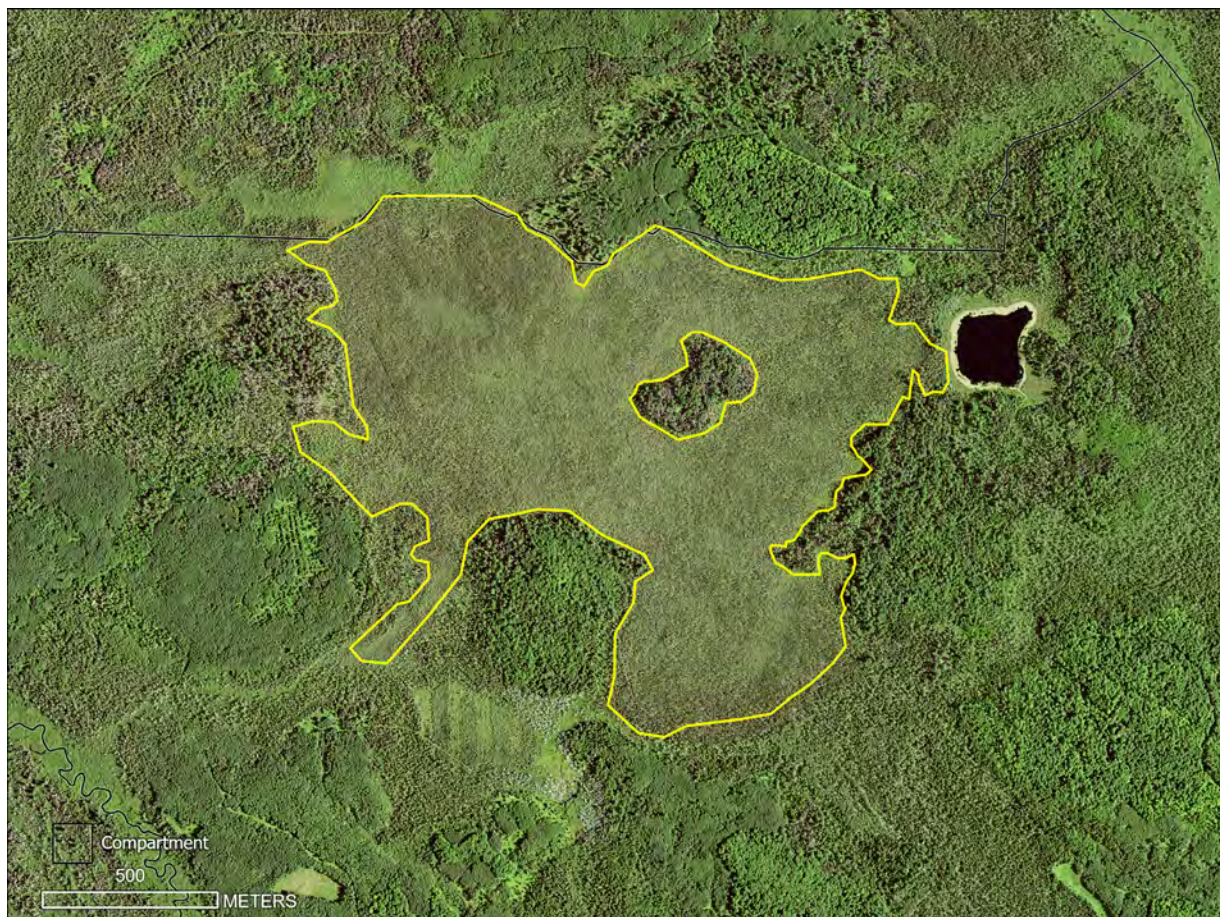


2020 aerial photograph of Landon Lake Pines dry-mesic northern forest (EO ID 15922).





Landon Lake poor conifer swamp (EO ID 17609). Photo by Joshua G. Cohen.



2020 aerial photograph of Landon Lake poor conifer swamp (EO ID 17609).

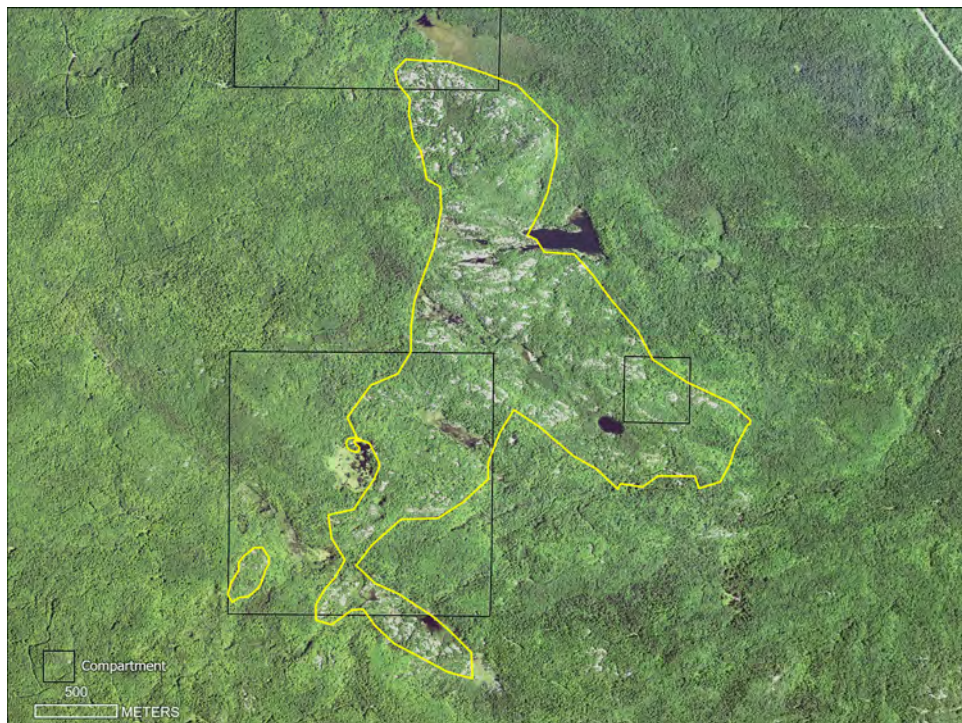


## Gwinn Compartment 298

Surveys targeted McFadden Glade granite bedrock glade (EO ID 17926, AB Rank), McFadden Cliffs granite cliff (EO ID 17928, B Rank), McFadden Ponds submergent marsh (EO ID 17927, A Rank), McFadden Meadows northern wet meadow (EO ID 17929, B Rank), Lost Creek Outcrops granite bedrock glade (EO ID 9902, B Rank), and Big Bay South Outcrops granite bedrock glade (EO ID 4782, AB Rank). Following the 2025 survey, the element occurrence ranks of the granite bedrock glades, granite cliff, northern wet meadow, and submergent marsh were confirmed. In addition, the boundaries of the McFadden Cliffs granite cliff and the Lost Creek Outcrop granite bedrock glade were remapped.



McFadden Glade granite bedrock glade (EO ID 17926). Photo by Joshua G. Cohen.



2020 aerial photograph of McFadden Glade granite bedrock glade (EO ID 17926). .





McFadden Cliffs granite cliff (EO ID 17928). Photo by Joshua G. Cohen.

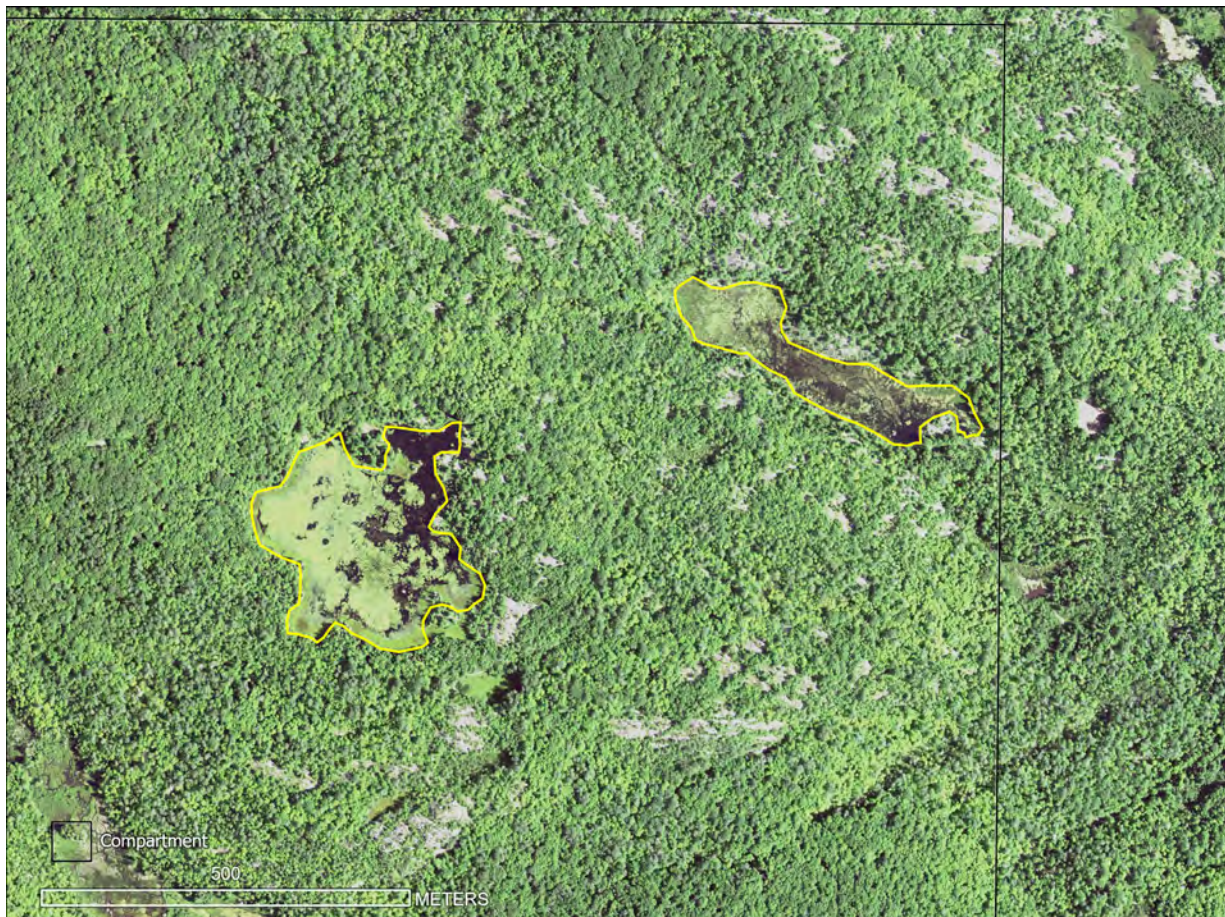


2020 aerial photograph of McFadden Cliffs granite cliff (EO ID 17928).





McFadden Ponds submergent marsh (EO ID 17927). Photo by Joshua G. Cohen.



2020 aerial photograph of McFadden Ponds submergent marsh (EO ID 17927).





McFadden Meadows northern wet meadow (EO ID 17929). Photo by Joshua G. Cohen.



2020 aerial photograph of McFadden Meadows northern wet meadow (EO ID 17929).





Lost Creek Outcrops granite bedrock glade (EO ID 9902). Photo by Joshua G. Cohen.

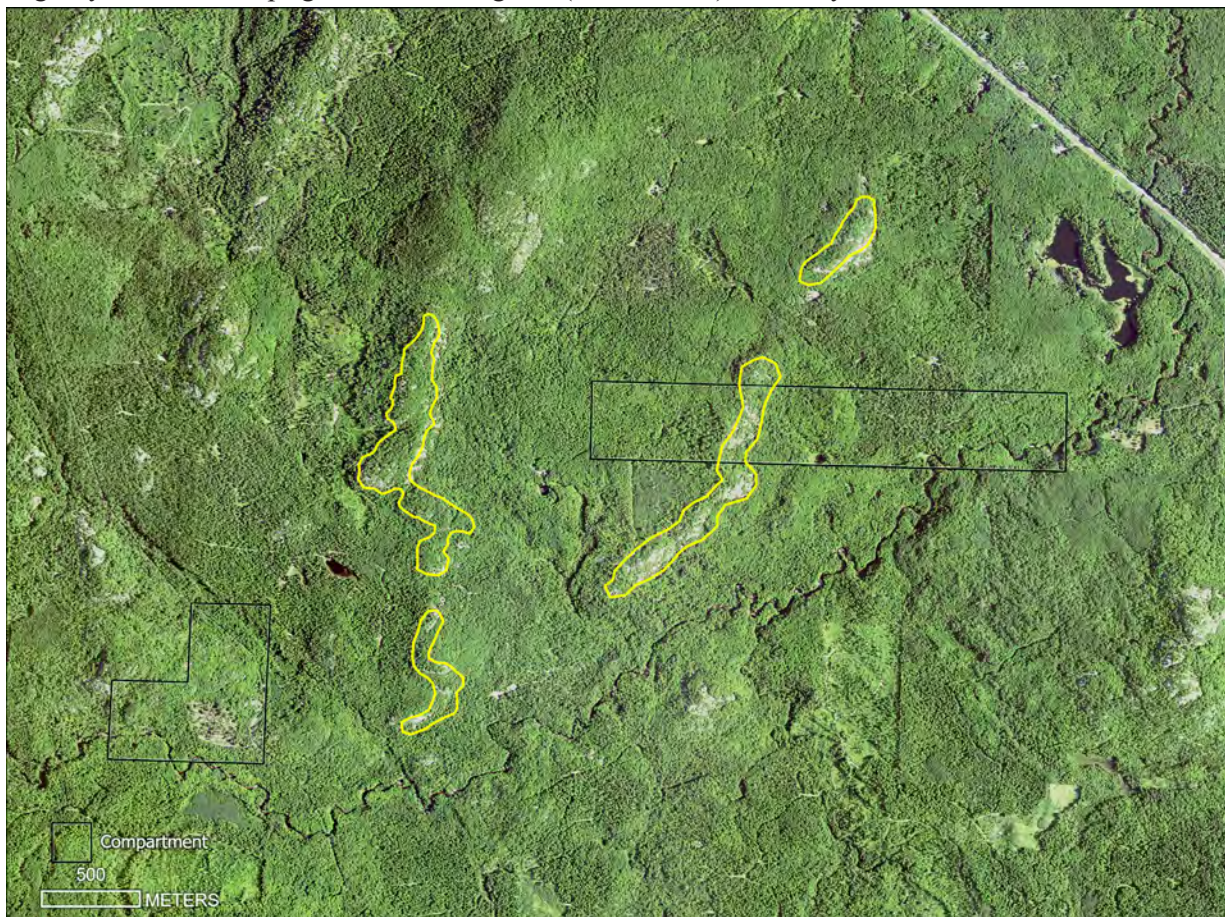


2020 aerial photograph of Lost Creek Outcrops granite bedrock glade (EO ID 9902).





Big Bay South Outcrops granite bedrock glade (EO ID 4782). Photo by Joshua G. Cohen.



2020 aerial photograph of Big Bay South Outcrops granite bedrock glade (EO ID 4782).



### **Newberry Compartment 84**

Surveys targeted Sleeper Lake patterned fen (EO ID 8139, A rank) and No Muskeg for Old Men muskeg (EO ID 16879, AB Rank). Following the 2025 surveys, the boundaries for the patterned fen and muskeg were remapped using current aerial imagery and the element occurrence ranks were confirmed. In addition, a high-quality dry northern forest was mapped within the muskeg (Sleeper Pines, dry northern forest EO ID 28155, B Rank).

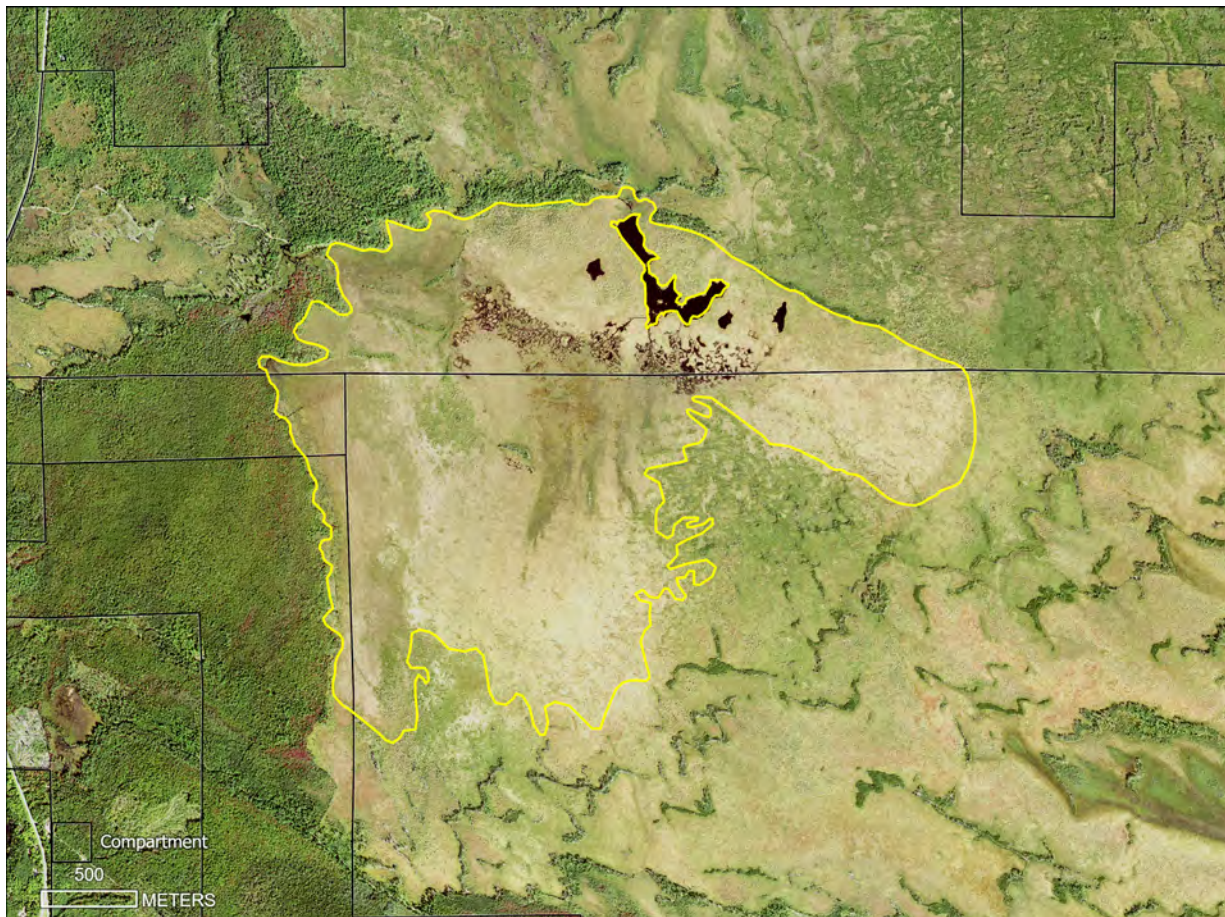


Sleeper Pines dry northern forest (EO ID 28155) occurs along transverse dune ridges that pass through No Muskeg for Old Men (EO ID 16879). Photo by Joshua G. Cohen.





Sleeper Lake patterned fen (EO ID 8139). Photo by Connor C. Wojtowicz

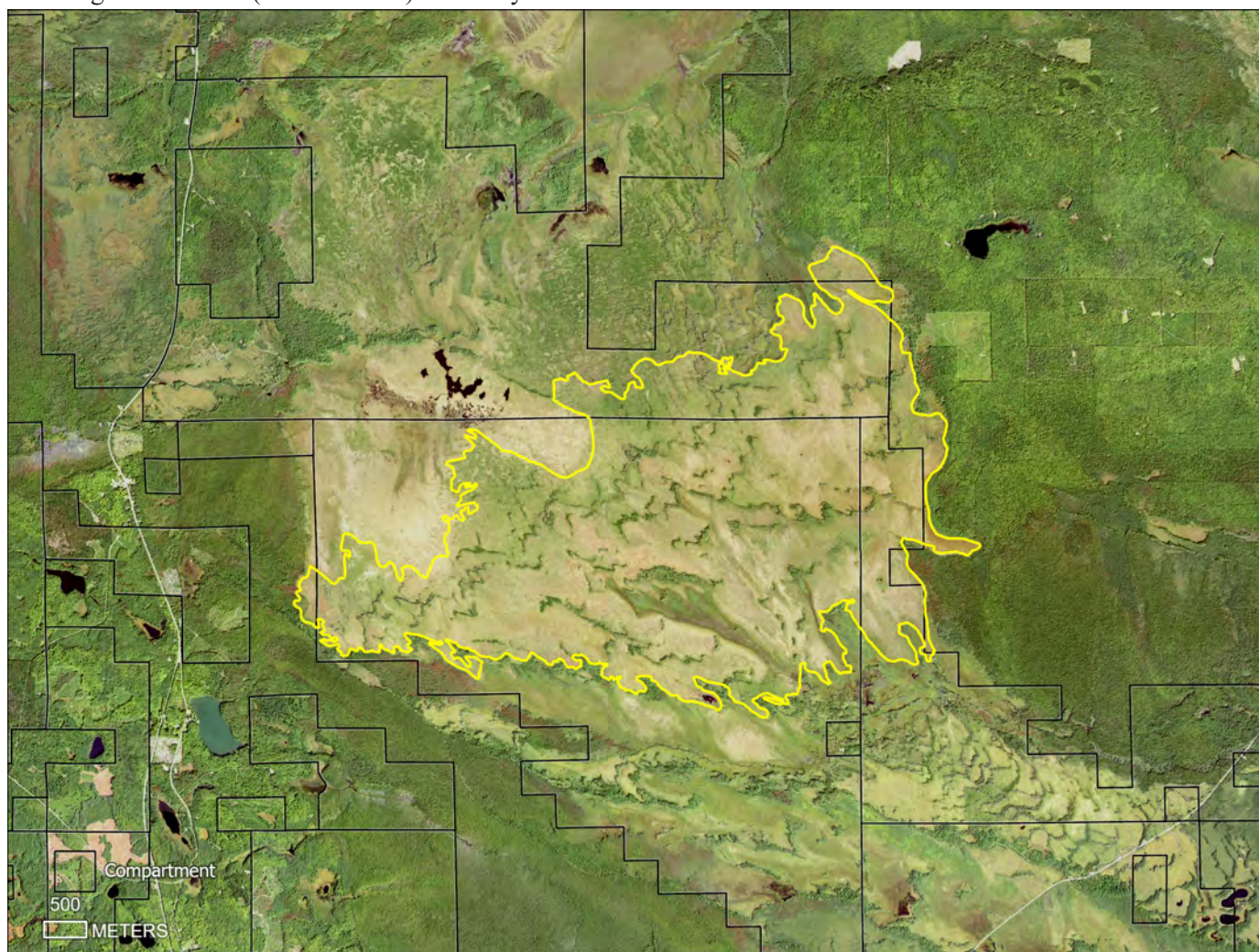


2020 aerial photograph of Sleeper Lake patterned fen (EO ID 8139).





No Muskeg for Old Men (EO ID 16879). Photo by Joshua G. Cohen.

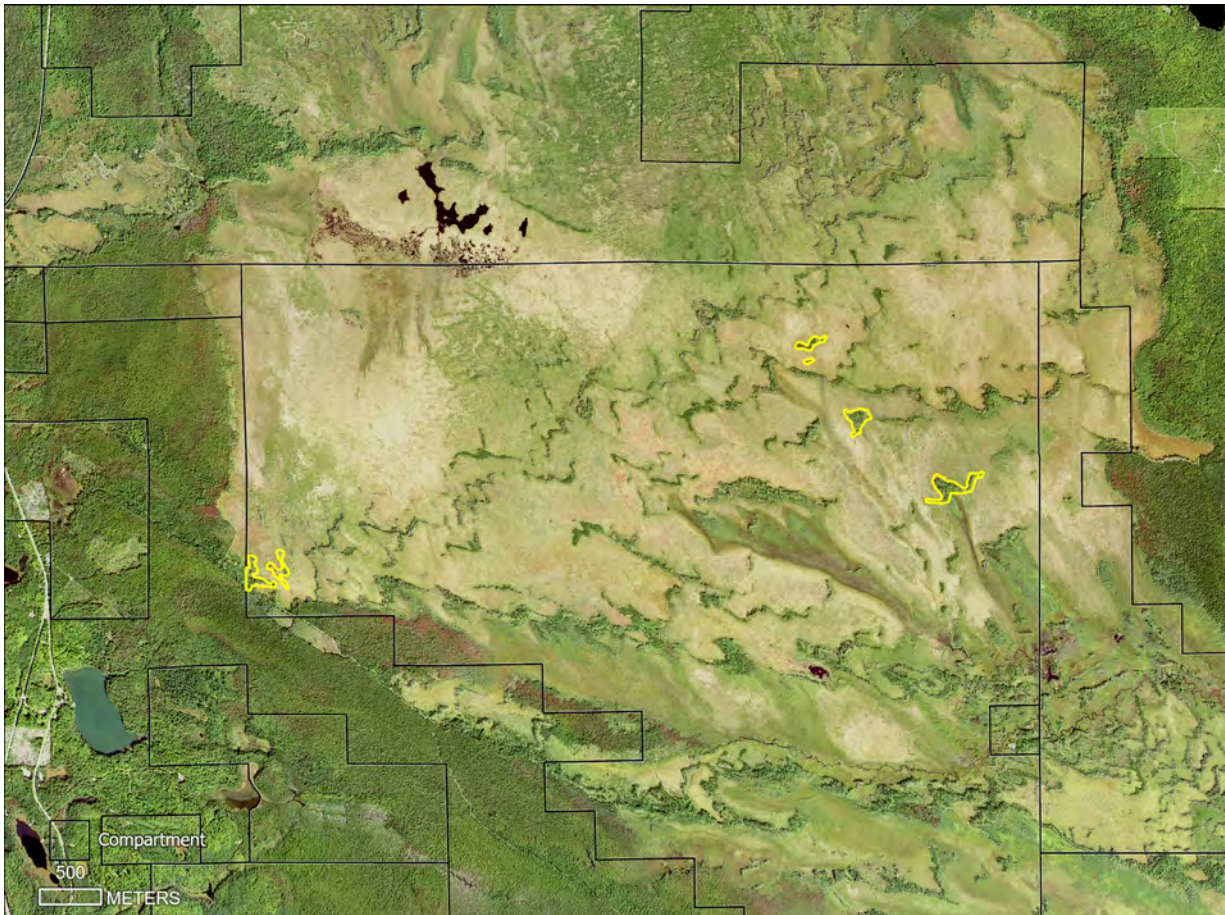


2020 aerial photograph of No Muskeg for Old Men (EO ID 16879).





Sleeper Pines dry northern forest (EO ID 28155). Photo by Joshua G. Cohen.



2020 aerial photograph of Sleeper Pines dry northern forest (EO ID 28155).





No Muskeg for Old Men (EO ID 16879). Photos by Joshua G. Cohen.







Sleeper Pines dry northern forest (EO ID 28155). Photos by Joshua G. Cohen.





## Saulte Sainte Marie Compartment 20

Surveyed Compartment 20 and documented high-quality wooded dune and swale complex (EO ID 28151, Albany Creek, C EO Rank) and mesic northern forest (EO ID 28149, St. Vital Bay, BC EO Rank).



Albany Creek wooded dune and swale complex (EO ID 28151). Photo by Connor C. Wojtowicz



2020 aerial photograph of Albany Creek wooded dune and swale complex (EO ID 28151).





St. Vital Bay mesic northern forest (EO ID 28149). Photo by Connor C. Wojtowicz



2020 aerial photograph of St. Vital Bay mesic northern forest (EO ID 28149).

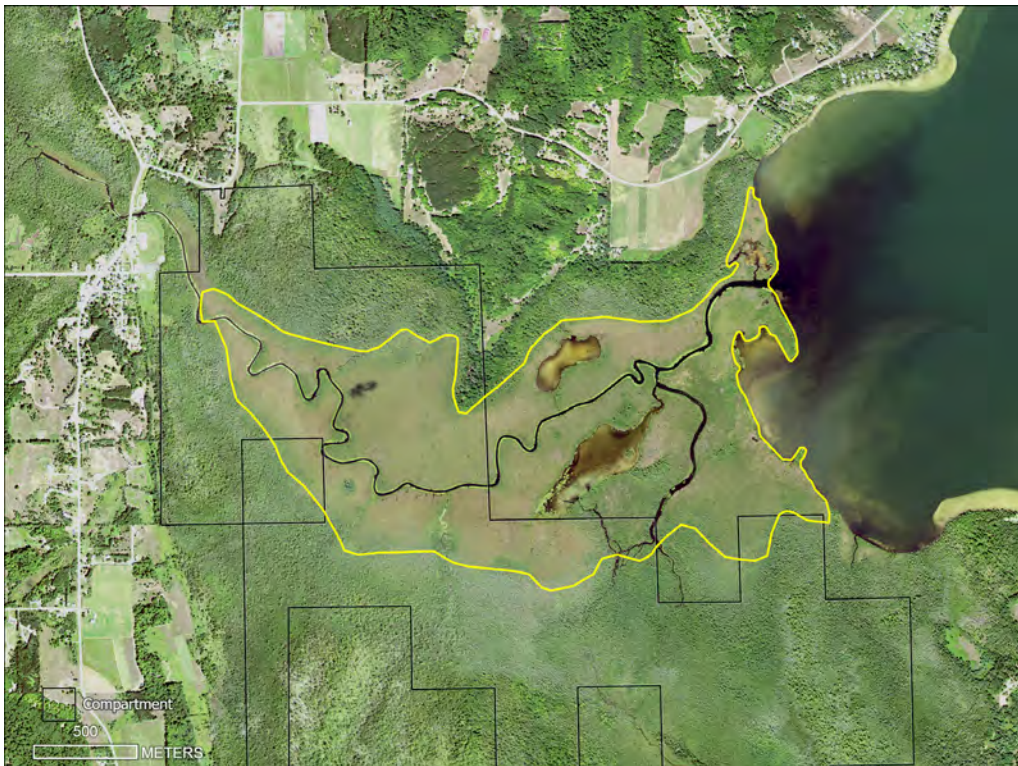


### Traverse City Compartment 1

Survey targeted the Cedar northern fen (EO ID 17326, AB rank) and the Cedar rich conifer swamp (EO ID 17327, B rank). Following the 2025 survey, the boundaries for the northern fen and rich conifer swamp were remapped and the element occurrence ranks were confirmed.



Cedar northern fen (EO ID 17326). Photo by Connor C. Wojtowicz

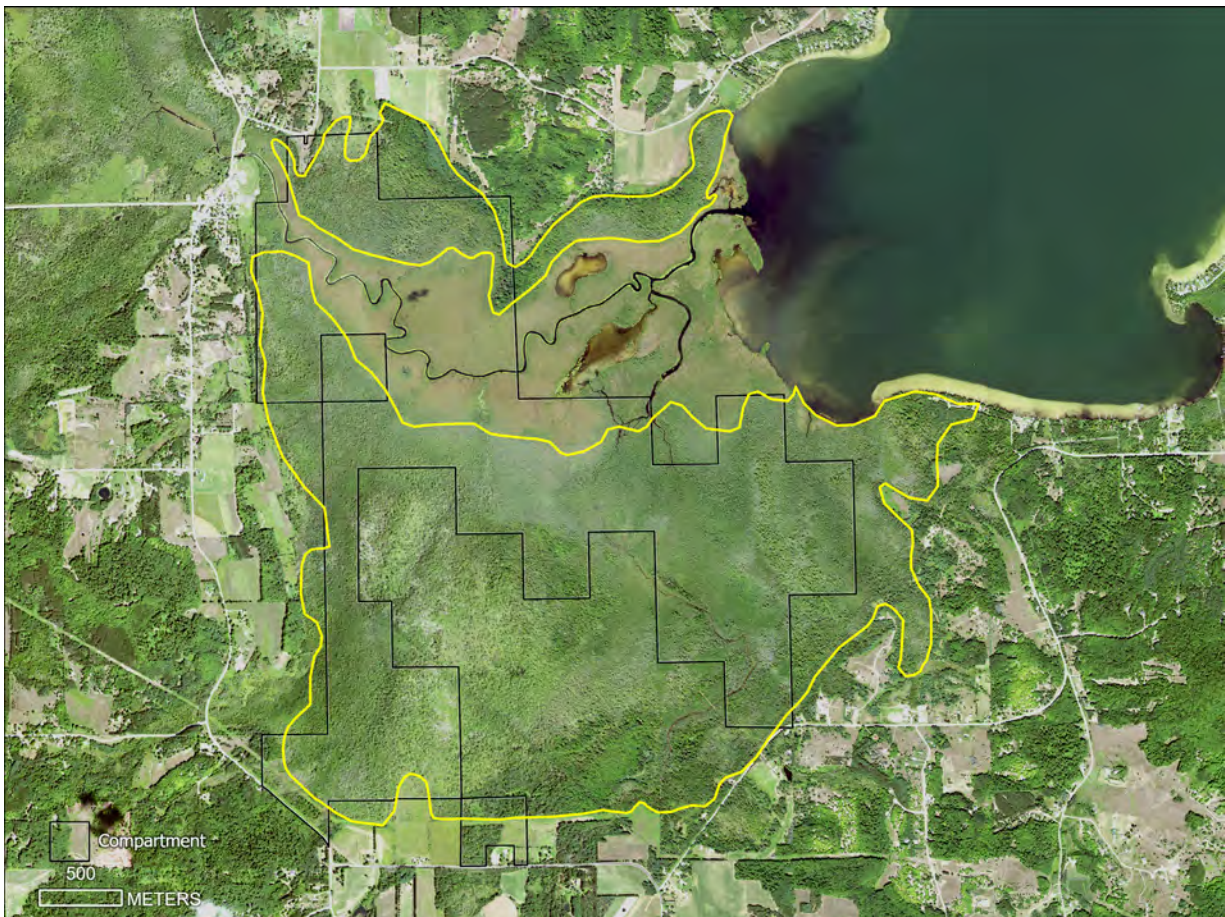


2020 aerial photograph of Cedar NFW northern fen (EO ID 17326).





Cedar rich conifer swamp (EO ID 17327). Photo by Connor C. Wojtowicz



2020 aerial photograph of Cedar NFW rich conifer swamp (EO ID 17327).



### Traverse City Compartment 7

Survey targeted Platte Lake northern fen (EO ID 17286, BC rank) and Platte Lake rich conifer swamp (EO ID 17287, BC rank). Following the 2025 survey, the boundaries for the northern fen and rich conifer swamp were remapped. The element occurrence rank for the northern fen was downgraded from B to BC because of the spread of invasive plant species. The element occurrence rank for the rich conifer swamp was confirmed.



Platte Lake northern fen (EO ID 17286). Photo by Connor C. Wojtowicz

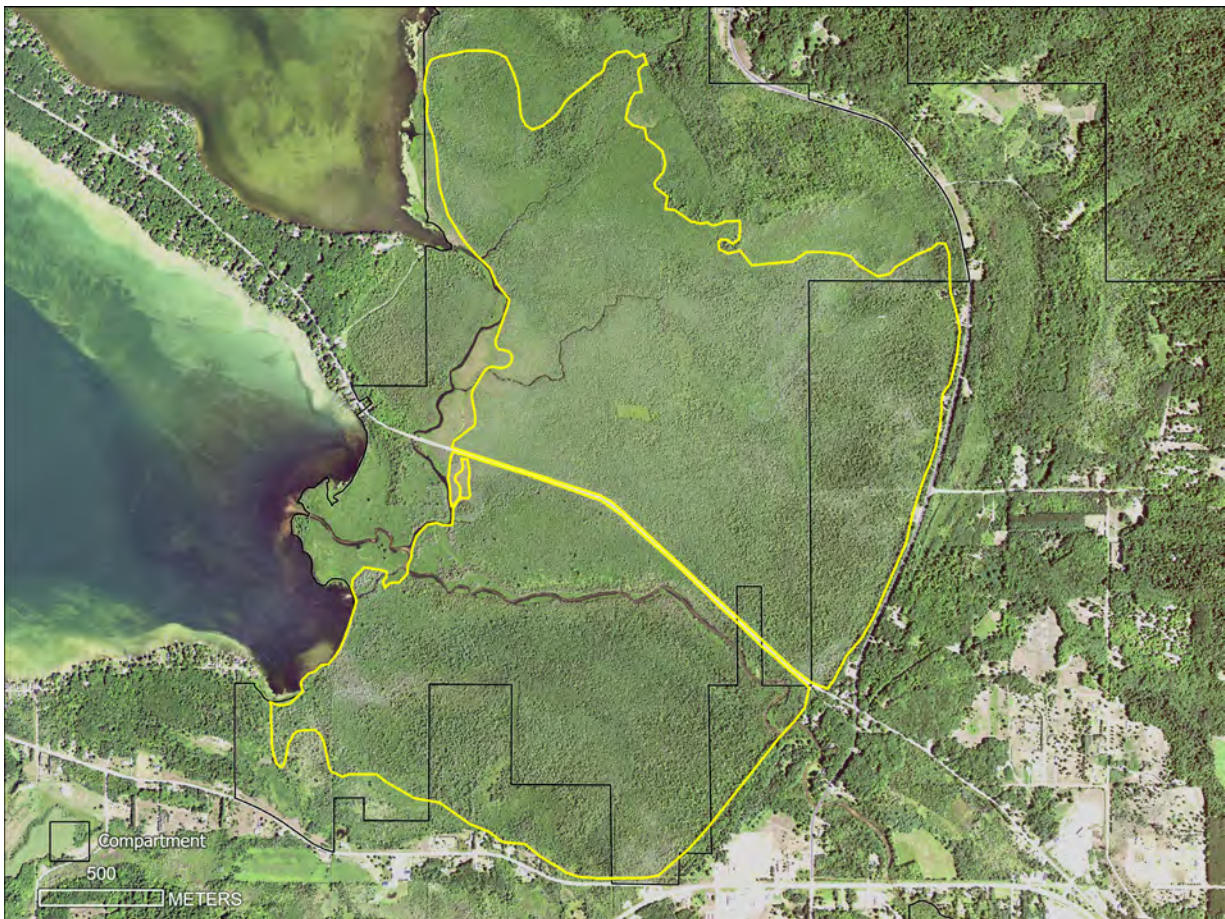


2020 aerial photograph of Platte Lake northern fen (EO ID 17286).





Platte Lake rich conifer swamp (EO ID 17287). Photo by Connor C. Wojtowicz



2020 aerial photograph of Platte Lake rich conifer swamp (EO ID 17287).



### **Traverse City Jaxson Creek Headwaters Acquisition**

Surveyed new land acquisition in the Traverse City Forest Management Unit. While the forest and forested swamp surveyed did not qualify as high-quality natural community element occurrence, there are numerous portions of the acquisition that support late-successional conifer swamp along headwaters stream. We recommend protecting these areas along the headwaters by incorporating them into riparian management zones.



Hardwood-conifer swamp along Jaxson Creek. Photos by Joshua G. Cohen.

