

## USGS-NPS Vegetation Mapping Program

### Isle Royale National Park

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#### Phleum pratense - (Calamagrostis canadensis) Seminalural Herbaceous Vegetation

COMMON NAME	Timothy Grass - (Canada Bluejoint) Seminalural Herbaceous Vegetation
SYNONYM	Timothygrass-Bluejoint Meadow
PHYSIOGNOMIC CLASS	Herbaceous Vegetation (V)
PHYSIOGNOMIC SUBCLASS	Perennial graminoid vegetation (V.A)
PHYSIOGNOMIC GROUP	Temperate or subpolar grassland (V.A.5)
PHYSIOGNOMIC SUBGROUP	Natural/Semi-natural (V.A.5.N)
FORMATION	Tall sod temperate grassland (V.A.5.N.a)
ALLIANCE	PHLEUM PRATENSE HERBACEOUS ALLIANCE

CLASSIFICATION CONFIDENCE LEVEL 3

USFWS WETLAND SYSTEM TERRESTRIAL

#### RANGE

##### ***Isle Royale National Park***

This community is uncommon, and scattered around the park, usually near old residences or building sites.

##### ***Globally***

#### ENVIRONMENTAL DESCRIPTION

##### ***Isle Royale National Park***

This community occurs in areas that have been disturbed, often near old fishermen's residences, former pastures, or old hotel sites.

##### ***Globally***

This association has only been described at Isle Royale NP. The global description is the same as the local description until more examples can be examined.

#### MOST ABUNDANT SPECIES

##### ***Isle Royale National Park***

<u>Stratum</u>	<u>Species</u>
Graminoid	<i>Calamagrostis canadensis</i> , <i>Phleum pratense</i>

##### ***Globally***

<u>Stratum</u>	<u>Species</u>
Graminoid	<i>Calamagrostis canadensis</i> , <i>Phleum pratense</i>

#### CHARACTERISTIC SPECIES

##### ***Isle Royale National Park***

*Calamagrostis canadensis*, *Phleum pratense*

##### ***Globally***

*Phleum pratense*

#### VEGETATION DESCRIPTION

##### ***Isle Royale National Park***

Timothy - (bluejoint) seminalural meadow is a successional meadow dominated by grasses, sedges, and herbs. There are usually a few scattered trees and tall shrubs (5 to 10% cover); most common are *Picea glauca*, *Thuja occidentalis*, *Betula papyrifera*, and *Alnus incana*. There may be a sparse cover (0 to 20%) of short shrubs (under 2 m tall, including dwarf shrubs); the most common low shrubs are *Amelanchier bartramiana*, *Physocarpus opulifolius*, *Diervilla lonicera*, *Abies balsamea*, *Rosa acicularis*, and *Sambucus racemosa*. Herbaceous cover varies from 70 to 90%; the most abundant herbs are *Calamagrostis canadensis* (25 to 50% cover), *Phleum pratense* (20 to 30% cover), *Hieracium* sp., *Anthoxanthum odoratum*, *Doellingeria umbellata*, *Ranunculus acris*, and *Epilobium angustifolium*. Nonvascular plant cover varies from about 5 to 30%; the most abundant are *Polytrichum* spp. and *Cladina* spp.

##### ***Globally***

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#### OTHER NOTEWORTHY SPECIES

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*Isle Royale National Park*

Information not available.

CONSERVATION RANK GW.

DATABASE CODE CEGL005249

MAP UNITS 72

COMMENTS

***Globally***

Type originates following cultural disturbances.

REFERENCES