



# LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

## **Site 3552: Oconto County, Township 28N, Range 16E, Section 33. 1953-02-01**

[s.l.]: [s.n.], 1953-02-01

<https://digital.library.wisc.edu/1711.dl/A7FNARPRHCLGQ87>

This material may be protected by copyright law (Title 17, US Code).

For information on re-use see:

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

## STAND RECORD

## FORESTS

Stand No. 3552

Name:

Locality:

County:

T: 28N

R: 16E

Sec: 33

Date:

Observers:

Christensen

Size of Stand:

Size of Area Sampled:

Forest Type:

Soil Type:

Topography:

Slope:

Directions

Condition of Stand:

Apparently undisturbed.

Trees young.

A few deer trails in snow. No browsing.

Open Grown Trees:

% Canopy:

Stumps:

1.

4.

7.

10.

2.

5.

8.

11.

3.

6.

9.

12.

Soil Data:

pH

N

P

K

Ca

Mg

Org. Mat.

Colloids

W.N.C.

A<sub>0</sub>A<sub>1</sub>A<sub>2</sub>

B

DEPTH

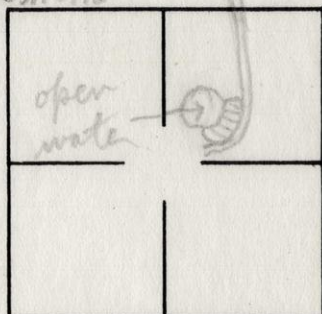
CHARACTERISTICS (Color, Texture, Structure, etc.)

A<sub>0</sub>A<sub>1</sub>A<sub>2</sub>

B

Parent Material:

Map:



40 points

30 steps apart

diameters estimated

Surveyor's method with compass



## POINT RECORD TREES

## NORTHERN PINE-HARDWOODS

Stand No. 3552

*Presence*

| STATION NO.               | 1             | 2             | 3             | 4             | 5             | 6             | 7 | 8 | 9 | 10 |
|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---|---|---|----|
| Abies balsam              |               |               |               |               |               |               |   |   |   |    |
| Acer rubrum               |               |               |               |               |               |               |   |   |   |    |
| A. sacchar.               |               |               |               |               |               |               |   |   |   |    |
| A. spicatum               |               |               |               |               |               |               |   |   |   |    |
| Betula lut.               |               |               |               |               |               |               |   |   |   |    |
| B. papyrif                |               |               |               |               |               |               |   |   |   |    |
| Carpinus car              |               |               |               |               |               |               |   |   |   |    |
| Fagus gran                |               |               |               |               |               |               |   |   |   |    |
| Ostrya virg               |               |               |               |               |               |               |   |   |   |    |
| Picea glau <i>mariana</i> | $\frac{3}{6}$ | $\frac{5}{6}$ | $\frac{5}{7}$ | $\frac{5}{7}$ | $\frac{5}{7}$ | $\frac{4}{7}$ | 4 | 4 | 6 | 4  |
| Pinus Bank                |               |               |               |               |               |               |   |   |   |    |
| P. resinosa               |               |               |               |               |               |               |   |   |   |    |
| P. Strobus                | 4             | 7             | 8             | 2             |               |               | 5 |   |   | 4  |
| Populus bals              |               |               |               |               |               |               |   |   |   |    |
| P. grand                  |               |               |               |               |               |               |   |   |   |    |
| P. trem                   |               |               |               |               |               |               |   |   |   |    |
| Prunus pen.               |               |               |               |               |               |               |   |   |   |    |
| Quercus ell               |               |               |               |               |               |               |   |   |   |    |
| Q. rubra                  |               |               |               |               |               |               |   |   |   |    |
| Tilia amer                |               |               |               |               |               |               |   |   |   |    |
| Tsuga can                 |               |               |               |               |               |               |   |   |   |    |
| Thuja occ                 |               |               |               |               |               |               |   |   |   |    |
| Ulmus amer                |               |               |               |               |               |               |   |   |   |    |
| U. fulva                  |               |               |               |               |               |               |   |   |   |    |
| Larix                     | 4             | 4             | 4             |               |               | 3             |   | 4 |   | 2  |
| Distance                  |               |               |               |               |               |               |   |   |   |    |

33  
7764  
963  
39



## POINT RECORD TREES

## NORTHERN PINE-HARDWOODS

Stand No. 3552

| STATION NO.          | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------------------|---|---|---|---|---|---|---|---|---|----|
| Abies balsam         |   |   |   |   |   |   |   |   |   |    |
| Acer rubrum          |   |   |   |   |   |   |   |   |   |    |
| A. sacchar.          |   |   |   |   |   |   |   |   |   |    |
| A. spicatum          |   |   |   |   |   |   |   |   |   |    |
| Betula lutea         |   |   |   |   |   |   |   |   |   |    |
| B. papyrifera        |   |   |   |   |   |   |   |   |   |    |
| Carpinus caroliniana |   |   |   |   |   |   |   |   |   |    |
| Fagus grandifolia    |   |   |   |   |   |   |   |   |   |    |
| Ostrya virginica     | 6 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4  |
| Picea canadensis     | 8 | 6 | 8 | 5 | 7 | 6 | 4 | 5 | 5 | 4  |
| Picea glauca         | 6 | 2 | 6 | 4 | 6 | 3 | 7 | 2 | 7 | 4  |
| Pinus Banksiana      |   |   |   |   |   |   |   |   |   |    |
| P. resinosa          |   |   |   |   |   |   |   |   |   |    |
| P. strobus           |   |   | 5 | 1 |   | 4 |   |   |   |    |
| Populus balsamifera  |   |   |   |   |   |   |   |   |   |    |
| P. grandidentata     |   |   |   |   |   |   |   |   |   |    |
| P. tremula           |   |   |   |   |   |   |   |   |   |    |
| Prunus pennsylvanica |   |   |   |   |   |   |   |   |   |    |
| Quercus ellipsoides  |   |   |   |   |   |   |   |   |   |    |
| Q. rubra             |   |   |   |   |   |   |   |   |   |    |
| Tilia americana      |   |   |   |   |   |   |   |   |   |    |
| Tsuga canadensis     |   |   |   |   |   |   |   |   |   |    |
| Thuja occidentalis   |   |   |   |   |   |   |   |   |   |    |
| Ulmus americana      |   |   |   |   |   |   |   |   |   |    |
| U. fulva             |   |   |   |   |   |   |   |   |   |    |
| Larix laricina       | 2 |   |   |   | 4 | 2 | 4 | 4 | 1 | 1  |
|                      |   |   |   |   |   |   |   |   |   |    |
|                      |   |   |   |   |   |   |   |   |   |    |
| Distance             |   |   |   |   |   |   |   |   |   |    |

35  
8142  
333  
39



## POINT RECORD TREES

## NORTHERN PINE-HARDWOODS

Stand No. 3552

| STATION NO.  | 21 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------|----|---|---|---|---|---|---|---|---|----|
| Abies balsam |    |   |   |   |   |   |   |   |   |    |
| Acer rubrum  |    |   |   |   |   |   |   |   |   |    |
| A. sacchar.  |    |   |   |   |   |   |   |   |   |    |
| A. spicatum  |    |   |   |   |   |   |   |   |   |    |
| Betula lut.  |    |   |   |   |   |   |   |   |   |    |
| B. papyrif   |    |   |   |   |   |   |   |   |   |    |
| Carpinus car |    |   |   |   |   |   |   |   |   |    |
| Fagus gran   |    |   |   |   |   |   |   |   |   |    |
| Ostrya virg  | 4  | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4  |
| Picea glau   | 4  | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 5  |
| Pinus Bank   |    |   |   |   |   |   |   |   |   |    |
| P. resinosa  |    |   |   |   |   |   |   |   |   |    |
| P. Strobus   |    |   |   |   |   |   |   |   |   |    |
| Populus bals |    |   |   |   |   |   |   |   |   |    |
| P. grand     |    |   |   |   |   |   |   |   |   |    |
| P. trem      |    |   |   |   |   |   |   |   |   |    |
| Prunus pen.  |    |   |   |   |   |   |   |   |   |    |
| Quercus ell  |    |   |   |   |   |   |   |   |   |    |
| Q. rubra     |    |   |   |   |   |   |   |   |   |    |
| Tilia amer   |    |   |   |   |   |   |   |   |   |    |
| Teuga can    |    |   |   |   |   |   |   |   |   |    |
| Thuja occ    |    |   |   |   |   |   |   |   |   |    |
| Ulmus amer   |    |   |   |   |   |   |   |   |   |    |
| U. fulva     |    |   |   |   |   |   |   |   |   |    |
| Larix        |    | 2 |   | 4 |   |   |   |   |   | 3  |
|              |    |   |   |   |   |   |   |   |   |    |
|              |    |   |   |   |   |   |   |   |   |    |
| Distance     |    |   |   |   |   |   |   |   |   |    |

39  
571

1/3



## POINT RECORD TREES

## NORTHERN PINE-HARDWOODS

Stand No. 3552

| STATION NO.          | 31 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------------------|----|---|---|---|---|---|---|---|---|----|
| Abies balsam         |    |   |   |   |   |   |   |   |   |    |
| Acer rubrum          |    |   |   |   |   |   |   |   |   |    |
| A. sacchar.          |    |   |   |   |   |   |   |   |   |    |
| A. spicatum          |    |   |   |   |   |   |   |   |   |    |
| Betula lutea         |    |   |   |   |   |   |   |   |   |    |
| B. papyrifera        |    |   |   |   |   |   |   |   |   |    |
| Carpinus caroliniana |    |   |   |   |   |   |   |   |   |    |
| Fagus gran           |    |   |   |   |   |   |   |   |   |    |
| Ostrya virginica     | 4  |   |   |   | 4 | 4 | 4 | 4 | 6 | 7  |
| Picea canadensis     | 4  | 3 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 3  |
| Pinus Banksiana      |    |   |   |   |   |   |   |   |   |    |
| P. resinosa          |    | 4 | 4 | 3 | 4 | 1 |   |   |   |    |
| P. strobus           |    | 1 | 6 |   | 6 |   | 4 |   | 1 | 2  |
| Populus balsamifera  |    |   |   |   |   |   |   |   |   |    |
| P. grandidentata     |    |   |   |   |   |   |   |   |   |    |
| P. tremula           |    |   |   |   |   |   |   |   |   |    |
| Prunus pennsylvanica |    |   |   |   |   |   |   |   |   |    |
| Quercus ellipsoides  |    |   |   |   |   |   |   |   |   |    |
| Q. rubra             |    |   |   |   |   |   |   |   |   |    |
| Tilia americana      |    |   |   |   |   |   |   |   |   |    |
| Tsuga canadensis     |    |   |   |   |   |   |   |   |   |    |
| Thuja occidentalis   |    |   |   |   |   |   |   |   |   |    |
| Ulmus americana      |    |   |   |   |   |   |   |   |   |    |
| U. fulva             |    |   |   |   |   |   |   |   |   |    |
| Larix laricina       |    | 4 | 4 | 4 | 1 |   | 2 |   |   | 2  |
| Distance             |    |   |   |   |   |   |   |   |   |    |

31  
5613  
39  
3  
693  
39



Plant Ecology Research  
TREE DATA SUMMARY SHEET

University of Wisconsin

Northern Pine-Hardwoods

Station Number: 3552

| TREE        | # PTS | # TRS | DOM. CLASSES |      |     | TOT. DOM. | # SAP | D. % SAP | F. % SDL. | F. % TRS. | % SUM F. TR. | D. % TRS. | DOM% TRS. | DFD INDEX | Lowland C. I. | JTC    |
|-------------|-------|-------|--------------|------|-----|-----------|-------|----------|-----------|-----------|--------------|-----------|-----------|-----------|---------------|--------|
|             |       |       | -80          | -320 | 321 |           |       |          |           |           |              |           |           |           |               |        |
| Abies bals  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Acer rubru  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| A. sacchar  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| A. spicatu  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Betula lut  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| B. papyrif  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Carpinus c  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Fagus gran  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Ostrya vir  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Picea glau  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Pinus Bank  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| P. resinosa | 3     | 3     | 3            | -    | -   | 39        | 4     | 2.50     |           | 17.5      | 4.84         | 1.88      | 1.26      | 7.98      | 19.95         | 27.93  |
| P. Strobus  | 9     | 9     | 9            | -    | -   | 198       | 9     | 5.63     |           | 22.5      | 14.52        | 5.63      | 6.41      | 26.56     | 79.68         | 106.24 |
| Populus ba  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| P. grandid  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| P. tremulo  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Prunus pen  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Quercus el  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Q. rubra    |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Tilia amer  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Tsuga cana  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Thuja occi  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Ulmus amer  |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| U. fulva    |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
| Picea mar.  | 40    | 138   | 138          | -    | -   | 2722      | 117   | 73.13    |           | 100       | 64.52        | 86.25     | 88.12     | 238.89    | 358.34        | 477.78 |
| Larix lar   | 10    | 10    | 10           | -    | -   | 130       | 30    | 18.75    |           | 25.0      | 16.13        | 6.25      | 4.21      | 26.59     | 26.59         | 26.59  |
|             |       |       |              |      |     |           |       |          |           |           |              |           |           |           |               |        |
|             | 62    | 160   | 160          |      |     | 3089      | 160   | 100.01   |           |           | 100.01       | 100.01    | 100       | 300.02    | 434.56        | 638.54 |

AVE. DIST. BTW'N TREES:

AVE B. A.:

# TREES/ACRE:

DOM./ACRE:

19.3