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## Site 5139: Outagamie County, Township 24N, Range 16E, Section 7. 1953-08

[s.l.]: [s.n.], 1953-08

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STAND RECORD

FORESTS

Stand No. 3205  
3249  
5139

Name:

Locality:

County: Outagamie

T: 24N R: 16E Sec: 7

Date: August 1953

Observers: Goder

Size of Stand: 40 acres

Size of Area Sampled:

Forest Type: hardwood-hemlock

Soil Type:

Topography: level

Slope:

Directions

Condition of Stand: no disturbance by fire or cattle for over 60 years  
deer population high in summer  
no decayed logs or stumps  
little hemlock and yellow birch reproduction

PROB. .50

CI = 2622.8

Open Grown Trees: none

% Canopy: 80

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.H.C. |
|----------------|-----|---|---|---|----|----|-----------|----------|--------|
| A <sub>0</sub> | 6.1 |   |   |   |    |    |           |          |        |
| A <sub>1</sub> | 4.7 |   |   |   |    |    |           |          |        |
| A <sub>2</sub> | 4.9 |   |   |   |    |    |           |          |        |
| B              |     |   |   |   |    |    |           |          |        |

DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A<sub>0</sub> - 1 1/2" - dry and friable

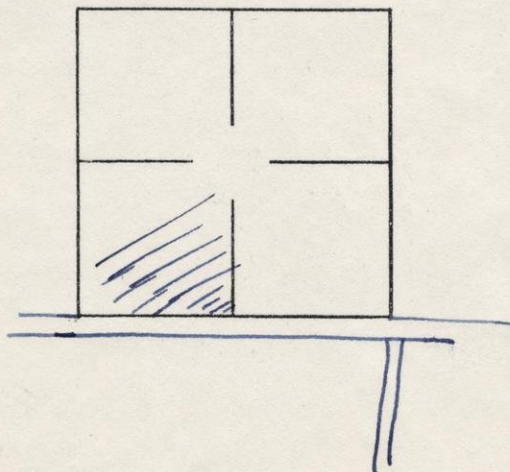
A<sub>1</sub> - 2"

A<sub>2</sub> - 1 1/2"

B -

Parent Material:

Map:





40 acres  
Sec. 7

160

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3205

| STATION NO.  | 11               | 12          | 13              | 14          | 15             | 16             | 17              | 18          | 19                      | 20          |
|--------------|------------------|-------------|-----------------|-------------|----------------|----------------|-----------------|-------------|-------------------------|-------------|
| Abies balsam |                  |             |                 |             |                |                |                 |             |                         |             |
| Acer rubrum  |                  |             |                 |             |                |                | ✓               |             |                         |             |
| A. sacchar.  | 123<br>123<br>25 | 65<br>30    | 25<br>35<br>190 | 30          | ✓<br>100<br>50 | 30<br>75<br>31 | ✓<br>85<br>65   | 35          | ✓<br>210<br>1290<br>172 | 50<br>15    |
| A. spicatum  |                  |             |                 |             |                |                |                 |             |                         |             |
| Betula lut.  |                  |             |                 | ✓           |                |                | ✓               |             | ✓                       |             |
| B. papyrif   |                  |             |                 |             |                |                |                 |             |                         |             |
| Carpinus car |                  |             |                 |             |                |                |                 |             |                         |             |
| Fagus gran   |                  |             | 120<br>120      | 35          | ✓<br>350       |                | ✓<br>150<br>120 | 50          | ✓                       |             |
| Ostrya virg  |                  |             |                 |             |                |                |                 |             |                         |             |
| Picea glau   |                  |             |                 |             |                |                |                 |             |                         |             |
| Pinus Bank   |                  |             |                 |             |                |                |                 |             |                         |             |
| P. resinosa  |                  |             |                 |             |                |                |                 |             |                         |             |
| P. Strobus   |                  |             |                 |             |                |                |                 |             |                         |             |
| Populus bals |                  |             |                 |             |                |                |                 |             |                         |             |
| P. grand     |                  |             |                 |             |                |                |                 |             |                         |             |
| P. trem      |                  |             |                 |             |                |                |                 |             |                         |             |
| Prunus pen.  |                  |             |                 |             |                |                |                 |             |                         |             |
| Quercus ell  |                  |             |                 |             |                |                |                 |             |                         |             |
| Q. rubra     |                  |             |                 |             |                |                | 95              |             |                         | ✓<br>✓<br>✓ |
| Tilia amer   |                  |             |                 | ✓           |                |                | ✓               |             |                         | 3           |
| Tsuga can    |                  | 150         |                 | 220<br>280  | 250            |                |                 | 330         |                         | 130         |
| Thuja occ    |                  |             |                 |             |                |                |                 |             |                         |             |
| Ulmus amer   |                  | 110<br>120  | ✓               |             |                |                |                 | 35<br>45    |                         | 95<br>50    |
| U. fulva     |                  |             |                 |             |                |                |                 |             |                         |             |
| FRAX PENN    | 60               |             | ✓               | 50          | ✓              | 120            |                 |             |                         | ✓           |
| Distance     | 46.10            | 30<br>22.19 | 21<br>10.19     | 18<br>26.18 | 9<br>17.17     | 14<br>10.9     | 30<br>8.1       | 15<br>16.17 | 13<br>19.11             | 7<br>21.11  |



POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3205

| STATION NO.  | 1       | 2                 | 3              | 4           | 5                 | 6          | 7          | 8         | 9              | 10         |
|--------------|---------|-------------------|----------------|-------------|-------------------|------------|------------|-----------|----------------|------------|
| Abies balsam |         |                   |                |             |                   |            |            |           |                |            |
| Acer rubrum  |         |                   |                |             |                   |            |            |           |                |            |
| A. sacchar.  | 20 ✓    | 65                | 1590<br>3020 ✓ | 25<br>120 ✓ | 110               | 70 ✓       | 310        | 60 ✓      | 60<br>85<br>20 | 75<br>20 ✓ |
| A. spicatum  |         |                   |                |             |                   |            |            |           |                |            |
| Betula lut.  |         | 110               |                | 190 ✓       |                   |            | 120 ✓      | 35        |                |            |
| B. papyrif   |         |                   |                |             |                   |            |            |           |                |            |
| Carpinus car |         |                   |                |             |                   |            |            |           |                |            |
| Fagus gran   | 80 ✓    |                   |                |             | 150 ✓             | 20<br>30 ✓ | 60 ✓       | 25        |                |            |
| Ostrya virg  |         |                   |                |             |                   |            |            |           |                |            |
| Picea glau   |         |                   |                |             |                   |            |            |           |                |            |
| Pinus Bank   |         |                   |                |             |                   |            |            |           |                |            |
| P. resinosa  |         |                   |                |             |                   |            |            |           |                |            |
| P. Strobus   |         |                   |                |             |                   |            |            |           |                |            |
| Populus bals |         |                   |                |             |                   |            |            |           |                |            |
| P. grand     |         |                   |                |             |                   |            |            |           |                |            |
| P. trem      |         |                   |                |             |                   |            |            |           |                |            |
| Prunus pen.  |         |                   |                |             |                   |            |            |           |                |            |
| Quercus ell  |         |                   |                |             |                   |            |            |           |                |            |
| Q. rubra     |         | ✓                 |                | ✓           |                   | ✓          |            |           |                |            |
| Tilia amer   | 170     |                   |                |             |                   | 250        |            |           |                |            |
| Tsuga can    | 150     | 250<br>270<br>290 | 140            |             | 160<br>155<br>170 | 190        | 190<br>110 | 80<br>260 | 15             | 150        |
| Thuja occ    |         |                   |                |             |                   |            |            |           |                |            |
| Ulmus amer   |         |                   |                |             |                   |            |            |           |                | 13 ✓       |
| U. fulva     |         |                   |                |             |                   |            |            |           |                |            |
| FRANK PENN   | 85      |                   |                | 40<br>200   |                   |            |            |           | 30             | 220 ✓      |
| Distance     | 3 15 28 | 13 26 24          | 14 13 20       | 27 6 11     | 10 15 14          | 13 2 17    | 18 12 10   | 10 3 21   | 12 15 15       | 16 10 11   |



Plant Ecology Research  
TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3205

| TREE        | # PTS | # TRS | DOM. CLASSES |      |     | TOT. DOM. | # SEED | F% SEED | # SAP | F% SAP | F. % SCL. | F. % TRS. | % SUM F. TR. | D. % TRS. | DOM% TRS. | DFD INDEX | C. I.          |
|-------------|-------|-------|--------------|------|-----|-----------|--------|---------|-------|--------|-----------|-----------|--------------|-----------|-----------|-----------|----------------|
|             |       |       | -80          | -320 | 321 |           |        |         |       |        |           |           |              |           |           |           |                |
| Abies bals  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Acer rubru  |       |       |              |      |     |           | 1      | 35      | 26.9  |        |           |           |              |           |           |           |                |
| A. sacchar  | 20    | 44    | 35           | 9    |     | 2575      | 9      | 32      | 9     | 31.0   | 50.52     | 32.26     | 44           | 44.00     | 27.36     | 10362     | 1036.20 1036.2 |
| A. spicatu  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Betula lut  | 4     | 4     |              | 3    |     | 455       | 3      | 10.7    | 3     | 10.3   | 113.75    | 6.45      |              | 4.00      | 4.83      | 15.28     | 122.24 114.60  |
| B. papyrif  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Carpinus c  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Fagus gran  | 10    | 13    | 7            | 5    | 1   | 1310      | 5      | 17.8    | 4     | 13.9   | 100.77    | 16.13     |              | 13.00     | 13.91     | 43.04     | 430.40 430.40  |
| Ostrya vir  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Picea glau  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Pinus Bank  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| P. resinosa |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| P. Strobus  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Populus ba  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| P. grandid  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| P. tremulo  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Prunus pen  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Quercus el  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Q. rubra    | 1     | 1     |              | 1    |     | 95        | 2      | 7.4     | 3     | 10.3   | 95.00     | 1.61      |              | 1         | .09       | 2.70      | 16.20 18.90    |
| Tilia amer  | 2     | 2     |              | 2    |     | 420       | 2      | 7.4     | 3     | 10.3   | 210.00    | 3.23      |              | 2         | 4.46      | 9.69      | 77.52 82.36    |
| Tsuga cana  | 14    | 21    | 3            | 15   | 3   | 4040      | 2      | 1.4     |       |        | 192.38    | 22.58     |              | 21.00     | 42.92     | 86.50     | 692.00 735.25  |
| Thuja occi  |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Ulmus amer  | 4     | 7     |              | 4    |     | 518       | 2      | 7.4     | 1     | 3.4    | 74.00     | 6.45      |              | 7         | 5.50      | 18.95     | 157.60 104.22  |
| U. fulva    |       |       |              |      |     |           |        |         |       |        |           |           |              |           |           |           |                |
| Frax. m.    | 7     | 8     | 4            | 4    |     | 805       | 2      | 7.4     | 4     | 13.9   | 100.63    | 11.29     |              | 8.00      | .93       | 20.22     | 161.76 161.76  |
|             |       |       |              |      |     |           | 28     | 29      |       |        |           |           |              |           |           |           | 268792         |
|             |       | 100   | 53           | 43   | 4   | 9413      |        |         |       |        |           |           |              |           |           |           |                |