



# LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

## Site 1816: Dane County, Township 5N, Range 9E, Section 25. 1957-08-23

[s.l.]: [s.n.], 1957-08-23

<https://digital.library.wisc.edu/1711.dl/LN45VQKP7M7UG8V>

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.

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 7816

Name:

County: Dane

Date: Aug 23, 57

Size of Stand: 40

Forest Type: Oak

Topography: slightly rolling

Locality:

T: 5N

R: 9E

Sec: 25

Observers: E.T.C.

Size of Area Sampled: 40

Soil Type:

Slope:

Directions:

Condition of Stand:

Good, not cut for 40 or more years.  
 lightly grazed with spring & early summer  
 60 or more years grass.

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

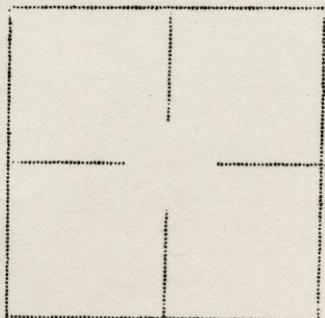
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

|                |  |
|----------------|--|
| A <sub>0</sub> |  |
| A <sub>1</sub> |  |
| A <sub>2</sub> |  |
| B              |  |

Parent Material:

Map:



144. 20 1816. 748.9

| Tree                   | No. :<br>Pts. | No. :<br>Tr. | No. :<br>Dom. | No. :<br>Sap. | No. :<br>Sap. | F. % :<br>Sap. | D. % :<br>Sap. | F. % :<br>Seed | F. % :<br>Seed | D. % :<br>Tr. | D. % :<br>Tr. | Dom. % :<br>Trees | I. I. :<br>C. I. | C. I. :<br>C. I. | CR =<br>748.9 |
|------------------------|---------------|--------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|---------------|---------------|-------------------|------------------|------------------|---------------|
| Acerrubrum             |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| A. saccharum           |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| Carya cord.            |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| C. ovata               | 2             | 2            | 230           |               |               |                |                | 2.7            | 1.2            | 1.0           | 4.9           | 22.0              |                  |                  |               |
| Celtis occiden.        |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| Fagus grand.           |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| Fraxinus amer.         |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| F. lanceolata          |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| F. pennsylvani         |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| Juglans cinere         |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| J. nigra               | 6             | 9            | 162           |               | 37            |                | 24             | 8.1            | 5.6            | 0.7           | 14.4          | 90.7              |                  |                  |               |
| Ostrya virgin.         |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| Populus grand.         |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| P. tremuloides         |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| Prunus serotin         | 2             | 2            | 100           |               | 42            | 574            | 27             | 2.7            | 1.2            | 0.4           | 4.3           | 15.5              |                  |                  |               |
| Quercus alba           | 3             | 3            | 335           |               |               |                |                | 4.0            | 1.9            | 1.5           | 7.4           | 26.6              |                  |                  |               |
| Q. ellipsoidalis       |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| Q. macrocarpa          | 19            | 23           | 1586          |               | 22            |                | 14             | 25.6           | 14.4           | 7.2           | 47.2          | 47.2              |                  |                  |               |
| Q. rubra               |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| Q. velutina            | 40            | 119          | 19470         |               |               |                |                | 54.0           | 74.4           | 88.6          | 217.0         | 542.7             |                  |                  |               |
| Tilia american         |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| Ulmus american         |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| U. rubra               |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |
| Myrica alba            | 2             | 2            | 70            |               | 47            |                | 31             | 2.7            | 1.2            | 0.3           | 4.2           | 4.2               |                  |                  |               |
| Myrica                 |               |              |               |               | 3             |                | 2              |                |                |               |               |                   |                  |                  |               |
| Corylus                |               |              |               |               | 2             |                | 1              |                |                |               |               |                   |                  |                  |               |
| 74 160 21953 153 748.9 |               |              |               |               |               |                |                |                |                |               |               |                   |                  |                  |               |

Ave. Dist.  
Btw'n Trees

17.4

302.8

Ave. BA  
(Total  
BA ÷ 80)

137.2

No. Trees  
Per acre

143.9

Dom. per  
acre

19743

Cover

64.2%

Sap.

40.0

1600

27.2 %/acre

## POINT RECORD TREES

## SOUTHERN HARDWOODS

Stand No. 1816

| STATION NO.           | 1                | 2                 | 3                 | 4                        | 5                 | 6                        | 7                        | 8                | 9                         | 10                |
|-----------------------|------------------|-------------------|-------------------|--------------------------|-------------------|--------------------------|--------------------------|------------------|---------------------------|-------------------|
| Acer rubrum           |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| A. saccharum          |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Betula papy.          |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Carpinus car          |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Carya cord            |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| C. ovata              |                  |                   | 140               |                          |                   |                          |                          |                  |                           |                   |
| Celtis occ            |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Crataegus sp.         |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Fagus grand           |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Fraxinus am           |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| F. nigra              |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Juglans cin.          |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| J. nigra              | 1                | 1                 | 2                 | 1                        | 1                 |                          |                          |                  |                           | 1                 |
| Ostrya virg           |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Populus gran          |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| P. tremul             |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Prunus serot          |                  |                   |                   |                          |                   |                          | 1                        |                  |                           |                   |
| Quercus alba          |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Q. ellipsoid          |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Q. macrocarpa         | 40               | 2 180             | 1                 |                          | 1 100             |                          | 1                        | 1 140            | 2                         | 1 120             |
| Q. rubra              |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Q. velutina           | 150<br>130<br>50 | 130<br>100<br>200 | 130<br>160<br>120 | 280<br>200<br>120<br>180 | 120<br>240<br>170 | 170<br>180<br>160<br>160 | 120<br>130<br>150<br>160 | 80<br>150<br>200 | 160<br>100<br>150<br>1200 | 130<br>140<br>140 |
| Tilia amer            |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Ulmus amer            |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| Ulmus fulva           |                  |                   |                   |                          |                   |                          |                          |                  |                           |                   |
| <del>Ulmus alba</del> |                  | 2                 | 2                 | 1                        | 2                 | 2                        | 2                        | 2                | 2                         | 1                 |
|                       | 75,29<br>60      | 42,100<br>100,30  | 55,100<br>65,100  | 75,100<br>37             | 17,41<br>75,100   | 65,100<br>50,35          | 75,65<br>65,40           | 100,10<br>50,100 | 25,95<br>100              | 60,40             |
| Distance              | 9,22<br>13,3     | 14,20<br>7,22     | 3,20<br>15,35     | 20,29<br>26,19           | 20,14<br>22,40    | 28,18<br>8,35            | 10,45<br>5,21            | 8,19<br>42,30    | 10,19<br>20,15            | 21,19<br>8,25     |
|                       | 90               | 80                | 95                | 0                        | 10                | 90                       | 90                       | 30               | 75                        | 80                |

## POINT RECORD TREES

## SOUTHERN HARDWOODS

Stand No. 1816

| STATION NO.                        | 1              | 2                 | 3                | 4                 | 5                 | 6              | 7                 | 8                 | 9                | 10            |
|------------------------------------|----------------|-------------------|------------------|-------------------|-------------------|----------------|-------------------|-------------------|------------------|---------------|
| Acer rubrum                        |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| A. saccharum                       |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Betula papy.                       |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Carpinus car                       |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Carya cord                         |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| C. ovata                           |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Celtis occ                         |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Crataegus sp.                      |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Fagus grand                        |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Fraxinus am                        |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| F. nigra                           |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Juglans cin.                       |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| J. nigra                           |                |                   |                  |                   |                   | 2              | 2                 | 2                 |                  | 2             |
| Ostrya virg                        |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Populus gran                       |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| P. tremul                          |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Prunus serot                       |                |                   |                  |                   |                   |                |                   |                   | 2                | 2             |
| Quercus alba                       |                |                   |                  |                   |                   | 200            |                   | 100               | 35               |               |
| Q. ellipsoid                       |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Q. macrocarpa                      | 75<br>85       |                   |                  | 30                | 170               | 120<br>13      | 100               |                   |                  | 15<br>13      |
| Q. rubra                           |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Q. velutina                        | 180<br>210     | 130<br>140<br>100 | 180<br>40<br>140 | 180<br>160<br>150 | 140<br>210<br>130 | 85             | 180<br>180<br>100 | 210<br>240<br>120 | 55<br>160<br>170 | 240<br>65     |
| Tilia amer                         |                | 1180              | 65               |                   |                   |                |                   |                   |                  |               |
| Ulmus amer                         |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| Ulmus fulva                        |                |                   |                  |                   |                   |                |                   |                   |                  |               |
| <i>molle alba</i><br><i>parvum</i> | 2<br>1         | 2<br>1            | 3                | 3                 | 2                 | 1              | 2                 | 2                 | 2                |               |
|                                    | 65,75<br>45    | 42,38<br>55       | 95,60<br>75,75   | 29,35<br>53,100   | 10,60<br>50,40    | 40,25<br>35,35 | 15,22<br>23,40    | 13,35<br>94,31    | 35,24<br>19,50   | 2,38<br>8,22  |
| Distance                           | 14,18<br>18,18 | 22,8<br>20,19     | 38,16<br>15,3    | 20,12<br>9,8      | 21,17<br>7,30     | 25,11<br>12,11 | 3,15<br>20,8      | 28,11<br>5,9      | 20,12<br>20,9    | 16,9<br>15,17 |
|                                    | 75             | 85                | 90               | 50                | 80                | 75             | 10                | 50                | 50               | 95            |

## POINT RECORD TREES

## SOUTHERN HARDWOODS

Stand No. 1816

| STATION NO.           | 1             | 2              | 3            | 4                 | 5                        | 6                        | 7                        | 8                        | 9                 | 10              |
|-----------------------|---------------|----------------|--------------|-------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------|-----------------|
| Acer rubrum           |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| A. saccharum          |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Betula papy.          |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Carpinus car          |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Carya cord            |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| C. ovata              |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Celtis occ            |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Crataegus sp.         |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Fagus grand           |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Fraxinus am           |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| F. nigra              |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Juglans cin.          |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| J. nigra              | 35<br>12      | 2              | 1            | 13                | 2                        | 12                       |                          | 1                        | 18                | 3               |
| Ostrya virg           |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Populus gran          |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| P. tremul             |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Prunus serot          | 50            | 2              | 50           | 3                 | 2                        | 3                        | 1                        | 2                        | 1                 | 3               |
| Quercus alba          |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Q. ellipsoid          |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Q. macrocarpa         |               | 30             |              |                   |                          |                          |                          | 1                        | 1                 | 30              |
| Q. rubra              |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Q. velutina           | 120           | 130<br>50      | 480<br>170   | 100<br>360<br>120 | 180<br>200<br>180<br>210 | 130<br>130<br>140<br>120 | 140<br>120<br>430<br>130 | 230<br>150<br>140<br>120 | 100<br>170<br>160 | 120<br>85<br>70 |
| Tilia amer            |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Ulmus amer            |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| Ulmus fulva           |               |                |              |                   |                          |                          |                          |                          |                   |                 |
| <del>Ulmus alba</del> |               |                |              |                   | 1                        | 2                        | 2                        | 2                        | 1                 | 1               |
|                       | 5,45<br>10,9  | 5,3<br>10,38   | 7,20<br>7,5  | 22,21<br>50,24    | 25,04<br>26,15           | 8,25<br>100,40           | 15,18<br>50,80           | 42,100<br>100,55         | 100,8<br>35,35    | 21,26<br>24,25  |
| Distance              | 13,17<br>34,9 | 21,19<br>26,22 | 9,11<br>9,16 | 10,13<br>24,16    | 5,19<br>21,35            | 17,13<br>20,18           | 14,8<br>37,14            | 7,19<br>12,13            | 40,14<br>35,20    | 26,18<br>15,20  |
|                       | 85            | 75             | 95           | 80                | 5                        | 5                        | 90                       | 35                       | 15                | 75              |

## POINT RECORD TREES

## SOUTHERN HARDWOODS

Stand No. 1816

| STATION NO.        | 1                 | 2                | 3                 | 4               | 5                 | 6                | 7             | 8              | 9            | 10                       |
|--------------------|-------------------|------------------|-------------------|-----------------|-------------------|------------------|---------------|----------------|--------------|--------------------------|
| Acer rubrum        |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| A. saccharum       |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Betula papy.       |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Carpinus car       |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Carya cord         |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| C. ovata           |                   |                  | 90                |                 |                   |                  |               |                |              |                          |
| Celtis occ         |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Crataegus sp.      | 1                 |                  |                   |                 |                   |                  |               |                |              |                          |
| Fagus grand        |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Fraxinus am        |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| F. nigra           |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Juglans cin.       |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| J. nigra           | 2                 | 2                |                   | 1               | 1                 |                  | 30<br>25      | 1 14           | 13           | 4                        |
| Ostrya virg        |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Populus gran       |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| P. tremul          |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Prunus serot       |                   |                  | 3                 | 1               | 2                 | 4                | 2             | 4              | 2            |                          |
| Quercus alba       |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Q. ellipsoid       |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Q. macrocarpa      | 35                | 1 140<br>30      | 1                 | 1 25            | 1                 | 35               | 35            |                | 15           | 1                        |
| Q. rubra           |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Q. velutina        | 400<br>240<br>160 | 140<br>130       | 160<br>400<br>130 | 210<br>300      | 120<br>180<br>150 | 370<br>171<br>90 | 220           | 140<br>180     | 140<br>85    | 220<br>180<br>200<br>160 |
| Tilia amer         |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Ulmus amer         |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| Ulmus fulva        |                   |                  |                   |                 |                   |                  |               |                |              |                          |
| more alba<br>pyrus |                   | 1                |                   | 35              | 1                 |                  | 1 35          |                |              |                          |
|                    | 10,165<br>25,110  | 30,140<br>55,110 | 15,70<br>55,110   | 27,20<br>25,110 | 18,32<br>5,40     | 15,17<br>5,4     | 28,8<br>5,30  | 10,25<br>15,20 | 5,4<br>15,35 | 15,65<br>30,20           |
| Distance           | 13,15<br>13,21    | 13,14<br>8,19    | 9,27<br>10,74     | 11,35<br>20,3   | 17,22<br>16,9     | 11,20<br>8,23    | 30,13<br>9,13 | 28,21<br>13,12 | 5,20<br>8,19 | 26,11<br>25,30           |
|                    | 75                | 30               | 90                | 85              | 90                | 45               | 85            | 0              | 30           | 80                       |

# UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. \_\_\_\_\_

Stand No. 1816

Ambrosia artemisiifolia 5

✓ A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus 9, 10

Bidens sp. <sup>virginica</sup> 5

Cerastium vulgatum

Chenopodium hybridum

Cirsium arvense 5, 10

C. discolor

Cornus stolonifera

Dioscorea villosa

Elmus canadensis

Leonurus cardiaca 8

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi 4, 10

Oxalis stricta 4

Panicum leibergii

aster ptarmacoides 5

Anemone canadensis 5

mint 5

Verbascum thapsus 5

Sedum spectabile 9

Physalis heterophylla

Pilea pumila

Plantago sp. 4 5

Plantago lanceolata

Poa compressa

P. pratense 5

Polygonum convolvulus

P. hydropiper

Prunella vulgaris 5 7

✓ Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca 5

Solanum nigrum 1 4 7

Solidago latifolia 6

S. caesia

Stellaria media

Taraxacum officinale

Trifolium hybridum

T. pratense.

Phytolacca americana

✓ Verbena stricta 5

Linaria 3

Myopata calanva 4 5, 10

Viola flabata 5

Erechtites  
hieracifolia

Presence or Frequency  
(Common species only)

## SOUTHERN UPLAND HARDWOODS

Stand No.  
Quadrat No.

Actaea pachypoda  
Adiantum pedatum  
Agrimonia gryposepala  
Allium tricoccum  
Amphicarpa braceata  
Anemone quinquefolia  
A. virginiana  
Anemonella thalictroides  
Antennaria sp.  
Aplectrum hiemale  
Apocynum androsaemifolium  
Aquilegia canadensis  
Aralia nudicaulis  
A. racemosa  
Arenaria lateriflora  
Arisaema atrorubens  
Asarum canadensis  
Aster macrophyllus  
A. sagittifolius  
A. shortii  
Athyrium filix-femina  
Botrychium virginianum  
Brachyelytrum erectum  
Campanula americana  
Carex albursina  
C. pensylvanica  
Caulophyllum thalictroides  
✓ Celastrus scandens  
Circaea quadrisulcata 19, 10  
Claytonia virginiana  
Cornus alternifolia  
C. femina  
C. rugosa 7  
✓ Corylus americana  
Cryptotaenia canadensis  
Cypripedium pubescens  
Cystopteris fragilis  
Dentaria laciniata  
Desmodium glutinosum  
D. nudiflorum  
Dicentra cucullaria  
Dodecatheon meadia  
Dryopteris spinulosa  
Erigeron pulchellus  
Erythronium albidum  
Eupatorium purpureum

Eupatorium rugosum  
Festuca obtusa  
Fragaria virginiana 5  
Galium aparine  
G. circaeazans  
G. concinnum 4  
G. lanceolatum  
✓ G. triflorum  
Geranium maculatum 5  
Gerardia grandiflora  
Geum canadense 5, 9, 10  
Goodyera pubescens  
Habenaria bracteata  
Hackelia virginica  
Hamamelis virginiana  
Helianthus strumosus  
Hepatica acutiloba  
Heuchera richardsonii  
Hydrastis canadensis  
Hydrophyllum virginianum  
Hystrix patula  
Impatiens capensis  
I. pallida  
Isopyrum biternatum  
Lactuca biennis  
Laportea canadensis  
Lathyrus ochroleucus  
Lonicera prolifera  
Lysimachia quadrifolia  
Maianthemum canadensis  
Menispermum canadensis  
Mitella diphylla  
Monarda fistulosa  
Orchis spectabilis  
Oryzopsis racemosa  
Osmorhiza clayton.  
O. longistylis  
Osmunda claytoni  
Panax quinquefolia  
Panicum latifolium  
Parietaria pennsylvanica 1, 2, 10  
Parthenocissus inserta 4, 6, 8, 10  
Phlox divaricata  
Phryma leptostachya  
Podophyllum peltatum  
Polemonium reptans

Polygonatum canaliculatum  
Polygonatum pubescens  
Potentilla simplex 4, 5  
Prenanthes alba  
Pteridium aquilinum  
Pyrola elliptica  
Ranunculus abortivus  
R. recurvatus 10  
R. septentrionalis  
Rhus radicans 4  
Ribes americanum  
R. cynosbati  
R. missouriense 12  
Rosa sp.  
Rubus allegheniensis  
R. occidentalis 4, 8  
R. strigosus  
✓ Sambucus canadensis  
Sanguinaria canadensis  
Sanicula gregaria 4  
S. marilandica  
Smilacina racemosa  
S. stellata  
Smilax ecirrhata  
S. herbacea  
S. tamnoides  
Solidago altissima  
S. flexicaulis  
S. ulmifolia  
Thalictrum dioicum  
Tovara virginiana  
Trillium cernuum  
T. flexipes  
T. grandiflorum  
T. recurvatum  
Triosteum perfoliatum  
Uvularia grandiflora  
Veronicastrum virginicum  
Viburnum acerifolium  
V. rafinesquianum  
Viola cucullata 16  
V. pubescens  
Vitis aestivalis 1, 4, 6, 7, 8  
V. riparia  
Xanthoxylum americ.  
Zizia aurea

Additional species:

R. serotinus 2, 3, 6, 7, 10  
V. fulva 6  
Barberry

✓ Tradescantia

# UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. \_\_\_\_\_

Stand No. 1716

Ambrosia artemisiifolia 1346, 10

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus 3, 10

Bidens sp.

Cerastium vulgatum 34

Cheilopodium hybridum 10

Cirsium arvense 17, 10

C. discolor

Cornus stolonifera

Dioscorea villosa

Linus canadensis

Leonurus cardiaca

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi 10

Oxalis stricta 3456

Panicum leibergii

Physalis heterophylla

Pilea pumila

Plantago sp. 1346, 10

Plantago lanceolata 1

Poa compressa

P. pratense 3456

Polygonum convolvulus

P. hydropiper 10

Prunella vulgaris 3

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca 5, 10

Solanum nigrum

Solidago latifolia

S. caesia 4

Stellaria media

Taraxacum officinale

Trifolium hybridum 1345

T. pratense.

Symbrium 1

Deph. catenata 1, 10

Viola? 3 sagittata

Steronema lanceolatum 4

*Fonucina*

*Villosa*

*Rudbeckia hirta*

*other name*

*Urtica*

*Chaetura carilla*

*Linaria*

*Achillea mill. 46*

*Desmodium illinoense*

*Eriogonum*

*Panicum 6*

Presence or Frequency  
(Common species only)

## SOUTHERN UPLAND HARDWOODS

Stand No.  
Quadrat No.

Actaea pachypoda  
Adiantum pedatum  
Agrimonia gryposepala 34  
Allium tricoccum  
Amphicarpa braceata  
Anemone quinquefolia  
A. virginiana 45  
Anemonella thalictroides  
Antennaria sp. 346  
Aplectrum hiemale  
Apocynum androsaemifolium  
Aquilegia canadensis  
Aralia nudicaulis  
A. racemosa  
Arenaria lateriflora  
Arisaema atrorubens  
Asarum canadensis  
Aster macrophyllus  
A. sagittifolius 456  
A. shortii 3  
Athyrium filix-femina  
Botrychium virginianum  
Brachyelytrum erectum  
Campanula americana  
Carex albursina  
C. pensylvanica  
Caulophyllum thalictroides  
Celastrus scandens  
✓ Circaea quadrisulcata 49,10  
Claytonia virginiana  
Cornus alternifolia  
C. femina  
C. rugosa  
Corylus americana  
Cryptotaenia canadensis  
Cypripedium pubescens  
Cystopteris fragilis  
Dentaria laciniata  
Desmodium glutinosum  
D. nudiflorum  
Dicentra cucullaria  
Dodecatheon meadia  
Dryopteris spinulosa  
Erigeron pulchellus ✓  
Erythronium albidum  
Eupatorium purpureum

Additional species:

Aster laevis  
mint  
Amorpha canescens

Eupatorium rugosum  
Festuca obtusa  
Fragaria virginiana 346  
Galium aparine  
G. circaeas  
G. concinnum  
G. lanceolatum  
G. triflorum  
Geranium maculatum 2  
Gerardia grandiflora  
Geum canadense 46  
Goodyera pubescens  
Habenaria bracteata  
✓ Hackelia virginica  
Hamamelis virginiana  
✓ Helianthus strumosus  
Hepatica acutiloba  
Heuchera richardsonii  
Hydrastis canadensis  
Hydrophyllum virginianum  
Hystrix patula  
Impatiens capensis  
I. pallida  
Isopyrum biternatum  
✓ Lactuca biennis  
Laportea canadensis  
Lathyrus ochroleucus  
Lonicera prolifera  
Lysimachia quadrifolia  
Maianthemum canadensis  
Menispermum canadensis  
Mitella diphylla  
✓ Monarda fistulosa  
Orchis spectabilis  
Oryzopsis racemosa  
✓ Osmorhiza clayton.  
O. longistylis  
Osmunda claytoni  
Panax quinquefolia  
Panicum latifolium  
Parietaria pennsylvanica 123489  
Parthenocissus inserta 17  
Phlox divaricata  
Phryma leptostachya  
Podophyllum peltatum  
Polemonium reptans

P. serotinum 12789,10

✓ Anemone humilis

✓ C. canadensis 2mancum

α rubra 5

Polygonatum canaliculatum  
Polygonatum pubescens  
Potentilla simplex 45  
Prenanthes alba  
Pteridium aquilinum  
Pyrola elliptica  
Ranunculus abortivus  
R. recurvatus  
R. septentrionalis  
Rhus radicans  
Ribes americanum  
R. cynosbati  
✓ R. missouriense 89  
Rosa sp.  
Rubus allegheniensis  
R. occidentalis 4779  
R. strigosus  
Sambucus canadensis  
Sanguinaria canadensis  
Sanicula gregaria  
S. marilandica  
Smilacina racemosa  
S. stellata  
Smilax ecirrhata  
✓ S. herbacea  
S. tamnoides  
Solidago altissima  
S. flexicaulis  
S. ulmifolia  
Thalictrum dioicum  
Tovara virginiana  
Trillium cernuum  
T. flexipes  
T. grandiflorum  
T. recurvatum  
Triosteum perfoliatum  
Uvularia grandiflora  
Veronicastrum virginicum  
Viburnum acerifolium  
V. rafinesquianum  
Viola cucullata  
V. pubescens  
Vitis aestivalis 2689,10  
V. riparia  
Xanthoxylum americ.  
Zizia aurea

Viola sagittata  
pedata 6

✓ Ranunculus acris 6

✓ Solanum  
corollarium