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Site 1171: Du Charme, Crawford County, Township 8N, Range 6W, Section 18, NE 1/4; Township 8N, Range 6W, Section 17, NW 1/4. 1951-09-29

[s.l.]: [s.n.], 1951-09-29

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STAND RECORD

FORESTS

Stand No. 1171

Name: Du Charme
 County: Crawford
 Date: Sept 29, 1951
 Size of Stand: 15 acres
 Forest Type: Oak open - high lime prairie
 Topography: steep, rolling
 Condition of Stand: Excellent

Locality:
 T: 8 N R: 6 W Sec: 18 NE + 17 NW
 Observers: Bray - Anderson
 Size of Area Sampled: 5 acres
 Soil Type:
 Slope: 315° Directions

Open Grown Trees:

% Canopy:

Stumps:

1.	4.	7.	10.
2.	5.	8.	11.
3.	6.	9.	12.

Soil Data:

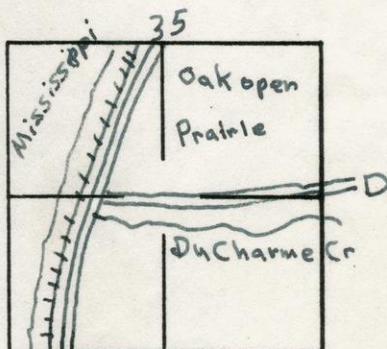
	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.
A ₀									
A ₁									
A ₂									
B									

DEPTH Andy has soil data CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

Map:



Stand #1171, Bray, Crawford Co. T&N, R6W, S 18 N, Sept 1951, White, Black Oak Opening: 20 pts.

Tree	No.	No.	No.	Pts.	No.	F. %	D. %	F. %	F. %	D. %	Dom. %	I. I.	C. I.
	Pts.	Tr.	Dom.	Sap.	Sap.	Sap.	Sap.	Seed	Seed	Tr.	Tr.	Trees	
Acerrubrum													
A. saccharum													
Carya cord.													
C. ovata	4	4	380					16.0	11.5	7.1			
Celtis occiden.													
Fagus grand.													
Fraxinus amer.													
F. lanceolata													
F. pennsylvani													
Juglans cinere													
J. nigra													
Ostrya virgin.													
Populus grand.													
P. tremuloides													
Prunus serotin													
Quercus alba	10	16	3190					40.0	44.4	59.8			
Q. ellipsoidalis													
Q. macrocarpa													
Q. rubra													
Q. velutina	11	16	1764					44.0	44.4	33.1			
Tilia american													
Ulmus american													
U. rubra													
	25	36	5334					100.0					

Ave. Dist.
Btw'n Trees
565/19 =
29.74 x 8 = 23.8
Ave. BA
(Total
BA ÷ 80)
5334/38
= 140.4
No. Trees
Per acre
76.9
Dom. per
acre
10,796.9

Only 19 pts used
in data analysis.

M. Nuclark, '65

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1171

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata	1	55			130					
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglanscin										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	380 310	250	1						110	
Q. ellipsoid										
Q. macrocarpa	1									
Q. rubra										
Q. velutina		35	160	270 350	2	12	35 15	12 4	116 12	75
Tilia amer										
Ulmus amer										
Ulmus fulva										
Juncus	1									
Distance	34	55	37	26	24	25	28	12	26	

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

1171

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata							25	170		55
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglanscin										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba	210	270 240	140 280	280 300	170 200	110 45	115			
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina	200	4					1	150	22 210	
Tilia amer										
Ulmus amer										
Ulmus fulva										
Distance	14.5	42.	280	31.5	19.5	24	13.	45.0	31	50.

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1171
Quadrat No.

Wye aureolaria 2
Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens 2
Andropogon gerardi 12
Andropogon scoparius
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus 1
Aster ericoides 2
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus 23
Cicuta maculata
Cirsium discolor
Comandra richardsoniana
Convolvulus sepium
Coreopsis palmata 1
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis 1
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata 3

Additional species:

Desmod. acuminat 3
Corylus americana 45
Hypochaeris glabra ✓

Fragaria virginiana 135
Galium boreale 13
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis
Helianthus strumosus 12
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus 3
Lespedeza capitata 12
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens 1
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa 123
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii 124
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum
Petalostemum purpureum 1
Phlox pilosa 1
Physalis heterophylla

Galium triflorum 1
Gal. coreum 345
Bracken - 4

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp. 2
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata - 5
Solidago altissima - 5
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis 135
Solidago nemoralis
Solidago rigida 1
Solidago speciosa
Sorghastrum nutans
Spartina pectinata
Spiraea alba
Sporobolus heterolepis
Stipa spartea 1
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata 1
Viola pedatifida 1
Vitis vulpina 1
Zizia aptera
Zizia aurea

Amphicarpa 12345
Poa pratensis 1234
Whit. Coral 3
Aster sagittifolius 4

Presence or Frequency
(Common species only)

PRAIRIES

Stand No. 1171
Quadrat No.

aureolaria b

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens 6789-10
Andropogon gerardi 678-10
Andropogon scoparius 9-10
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus 78
Aster ericoides 9-10
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus 6-10
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula - 10
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus 9-10
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata 679
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata 9-10

Additional species:

Fragaria virginiana
Galium boreale 68
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis 789-10
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii 7
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata 8
Liatris aspera 6
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens 9
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii 6-8-9
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum 6-7-8
Petalostemum purpureum 8-10
Phlox pilosa
Physalis heterophylla - 9

polygala - white
not Senega - 6

Prunus virginiana 8

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp.
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida 689
Solidago speciosa
Sorghastrum nutans 8-9-10
Spartina pectinata
Spiraea alba
Sporobolus heterolepis 6
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida
Vitis vulpina
Zizia aptera
Zizia aurea

amhuca 68

Galium triflorum 7

Prunella 7-9-10

6-toothed silge
Salix humilis 89-10

Presence or Frequency
(Common species only)

PRAIRIES.

Stand No. 1171
Quadrat No.

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens 11-12-14-15
Andropogon gerardi -12-15
Andropogon scoparius -15
Anemone canadensis
Anemone cylindrica
Anemone patens -14
Antennaria sp. -11
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus
Aster ericoides -15
Aster laevis
Aster novae-angliae
Aster oblongifolius -15
Aster ptarmicoides
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus 11-14
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata -13-15
Cornus femina
Corylus americana -13
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata 11-12-13-14-15

Fragaria virginiana
Galium boreale 11-15
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus ~~occidentalis~~ 11-12-13-14-15
Helianthus strumosus
Heliopsis helianthoides
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata 11-14
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa -14
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii 11-12-13
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum 11-14
Petalostemum purpureum -15
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginianum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp. -14
Rudbeckia hirta
Salix humilis
Saxifraga pensylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum -13
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis
Solidago nemoralis
Solidago rigida
Solidago speciosa
Sorghastrum nutans -14
Spartina pectinata
Spiraea alba
Sporobolus heterolepis 12
Stipa spartea
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida -14-15
Vitis vulpina 11
Zizia aptera
Zizia aurea

Additional species:

Eryngium yuccifolium
Pan. virgatum

amphicarpus -13
gent puberula

pan 11-13-14-15
Salix -12
Corylus americana

Presence or Frequency
(Common species only)

PRAIRIES

Stand No.
Quadrat No.

Achillea millefolium
Ambrosia artemisifolia
Ambrosia psilostachya
Amorpha canescens -16-17-18-19
Andropogon gerardi -16-17
Andropogon scoparius -16-18-19
Anemone canadensis
Anemone cylindrica
Anemone patens
Antennaria sp. -17-19
Apocynum androsaemifolium
Apocynum cannabinum
Arenaria stricta
Artemisia caudata
Asclepias amplexicaulis
Asclepias syriaca
Asclepias tuberosa
Asclepias verticillata
Asclepias viridiflora
Aster azureus -17
Aster ericoides -17
Aster laevis
Aster novae-angliae
Aster oblongifolius
Aster ptarmicoides
Aster sericeus -17
Baptisia leucantha
Baptisia leucophaea
Bouteloua curtipendula -16
Bouteloua hirsuta
Cacalia tuberosa
Calamagrostis canadensis
Ceanothus americanus
Cicuta maculata
Cirsium discolor
Comandra richardsiana
Convolvulus sepium
Coreopsis palmata -17
Cornus femina
Corylus americana
Desmodium canadense
Desmodium illinoense
Dodecatheon meadia
Elymus canadensis
Equisetum arvense
Equisetum kansanum
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata -17

Fragaria virginiana
Galium boreale -19
Gentiana andrewsii
Gentiana puberula
Geranium maculatum
Geum triflorum
Hedeoma hispida
Helianthemum sp.
Helianthus grosseserratus
Helianthus laetiflorus
Helianthus occidentalis -16-17-18
Helianthus strumosus -18-
Heliopsis helianthoides -19
Heuchera richardsonii
Hieracium longipilum
Hypoxis hirsuta
Iris virginica
Koeleria cristata
Krigia biflora
Kuhnia eupatorioides -16
Lactuca canadensis
Lactuca ludoviciana
Lathyrus palustris
Lathyrus venosus
Lespedeza capitata -17-19
Liatris aspera
Liatris cylindracea
Liatris pycnostachya
Lilium michiganense
Lilium philadelphicum
Linum sulcatum
Lithospermum canescens -18
Lithospermum croceum
Lithospermum incisum
Lobelia spicata
Monarda fistulosa -19
Muhlenbergia cuspidata
Muhlenbergia racemosa
Oenothera biennis
Oxalis violacea
Oxypolis rigidior
Panicum leibergii -16
Panicum oligosanthos
Panicum perlongum
Panicum virgatum
Petalostemum candidum -19
Petalostemum purpureum
Phlox pilosa
Physalis heterophylla

Physalis subglabrata
Physalis virginiana
Polygala senega
Polytaenia nuttallii
Potentilla arguta -16
Potentilla canadensis
Prenanthes racemosa
Psoralea esculenta
Pycnanthemum virginicum
Pyrus melanocarpa
Quercus macrocarpa
Ratibida pinnata
Rhus glabra
Rhus radicans
Rosa sp. -16
Rudbeckia hirta
Salix humilis -17
Saxifraga pennsylvanica
Scutellaria parvula
Silphium integrifolium
Silphium laciniatum
Silphium terebinthinaceum
Sisyrinchium campestre
Smilacina stellata
Solidago altissima -17
Solidago gigantea
Solidago graminifolia
Solidago juncea
Solidago missouriensis -17
Solidago nemoralis
Solidago rigida -18
Solidago speciosa
Sorghastrum nutans -16
Spartina pectinata
Spiraea alba
Sporobolus heterolepis -18
Stipa spartea -19
Tephrosia virginiana
Thalictrum dasycarpum
Tradescantia ohioensis
Verbena stricta
Veronicastrum virginicum
Vicia americana
Viola pedata
Viola pedatifida -17
Vitis vulpina
Zizia aptera
Zizia aurea

Additional species:

✓Crataegus

Eryngium -17

Poa -16-17
Anemone -18

1167 1171

PRAIRIE SURVEY

TYPE:

F P

STATION NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19				
Acer negundo																							
Acerates floridana																							
A. lanuginosa																							
A. viridiflora																							
Achillea millefoli																							
Agoseris cuspidata																							
Agropyron subsecun																							
Allium canadense																							
A. cernuum																							
Ambrosia artemisif																							
A. psilostachya																							
Amorpha canescens	✓	✓				✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	79	✓	
Amphicarpa monoica						✓	✓	✓	✓	✓													
Andropogon furcatus	✓	✓				✓	✓	✓	✓	✓		✓			✓	✓	✓				52.6	✓	
A. scoparius									✓	✓					✓	✓		✓	✓		31.5	✓	
Anemone canadensis																							
A. cylindrica																							
A. patens														✓							5.2	✓	
A. quinquefolia																							
A. virginiana																							
Antennaria sp.											✓										5.2	✓	
Apios tuberosa																							
Apocynum androsaem																							
A. cannabinum																							
Aquilegia canadens.																							
Arabis lyrata																							
Arenaria stricta																							
Aronia melanocarpa																							
Artemisia caudata																							
A. ludoviciana																							
A. serrata																							
Asclepias amplexic																							
A. incarnata																							
A. ovalifolia																							
A. purpurascens																							
A. sullivantii																							
A. syriaca																							
A. tuberosa																							
A. verticillata																							
Aster azureus	✓						✓	✓									✓				21	✓	
A. ericoides		✓							✓	✓					✓		✓				26.3	✓	
A. laevis																							
A. linariifolius																							
A. novae-angliae																							
A. oblongifolius															✓						5.2	✓	
A. pilosus																							
A. ptarmicoides																							
A. sagittifolius				✓		✓				✓											5.2	✓	
A. sericeus						✓				✓							✓				5.7	✓	
A. umbellatus																							
Astragalus candens																							
Aureolaria grandifl																							

check

5.

STATION NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
Psoralea esculenta																						
Pteridium latiuscu				✓																	5.2	✓
Pycnanthemum virgi																						
Pyrus ioensis																						
Quercus macrocarpa																						
Ratibida pinnata																						
Rhus glabra																						
R. radicans																						
Rosa		✓												✓		✓					15.7	✓
Rudbeckia hirta																						
R. subtomentosa																						
Salix sp.								✓	✓	✓		✓						✓			26.3	✓
Sanicula sp.																						
Saxifraga pennsylv																						
Scleria triglomera																						
Scutellaria parvul																						
Selaginella rupest																						
Senecio aureus																						
Silene antirrhina																						
S. stellata																						
Silphium integrifo																						
S. laciniatum														✓							5.2	✓
S. perfoliatum																						
S. terebinthinaceu																						
Sisyrhincium campe																						
Smilacina stellata																						
S. racemosa					✓																5.2	✓
Solidago altissima																						
S. graminifolia																						
S. juncea																						
S. missouriensis	✓		✓		✓													✓			21	✓
S. nemoralis																						
S. riddellii																						
S. rigida	✓					✓		✓	✓										✓		26.3	✓
S. serotina																						
S. speciosa																						
Sorghastrum nutans								✓	✓	✓				✓		✓					26.3	✓
Spartina pectinata																						
Specularia perfoli																						
Spiraea alba																						
Spiranthes ochrole																						
Sporobolus cryptan																						
S. heterolepis						✓						✓						✓			15.7	✓
S. vaginiflorus																						
Stachys palustris																						
Steironema ciliatu																						
S. lanceolatum																						
Steironema quadrif																						
Stipa spartea	✓																		✓		10.4	✓
Taenidia integerri																						
Tephrosia virginia																						
Thalictrum dasycar																						

TYPE:

F P

[illegible]