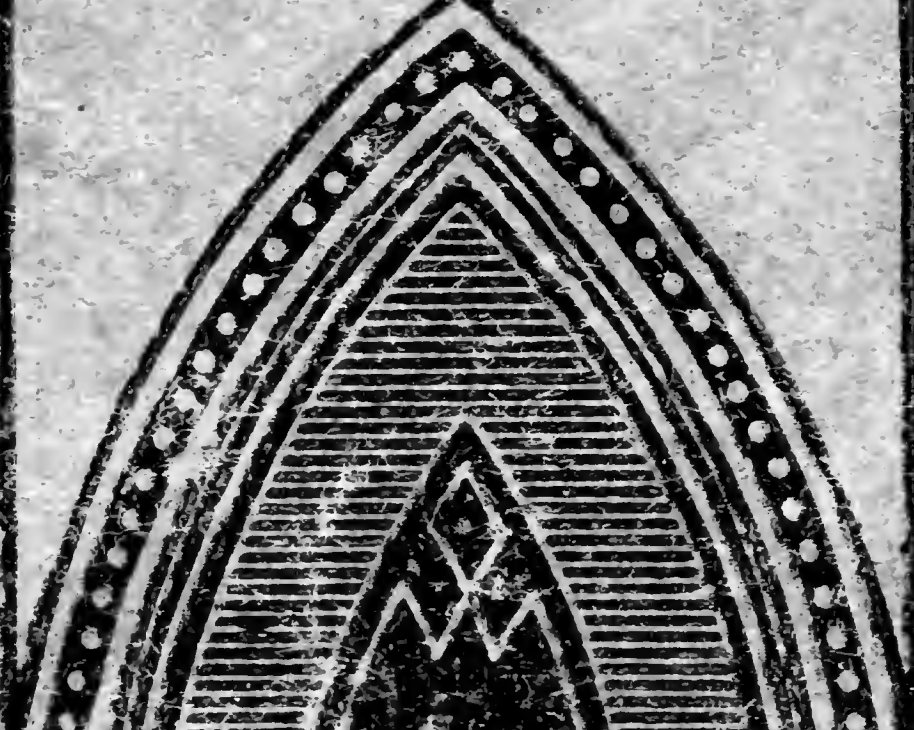
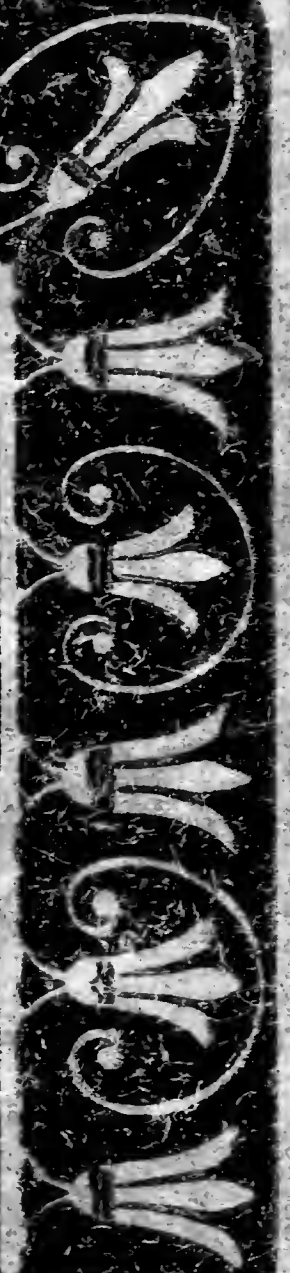
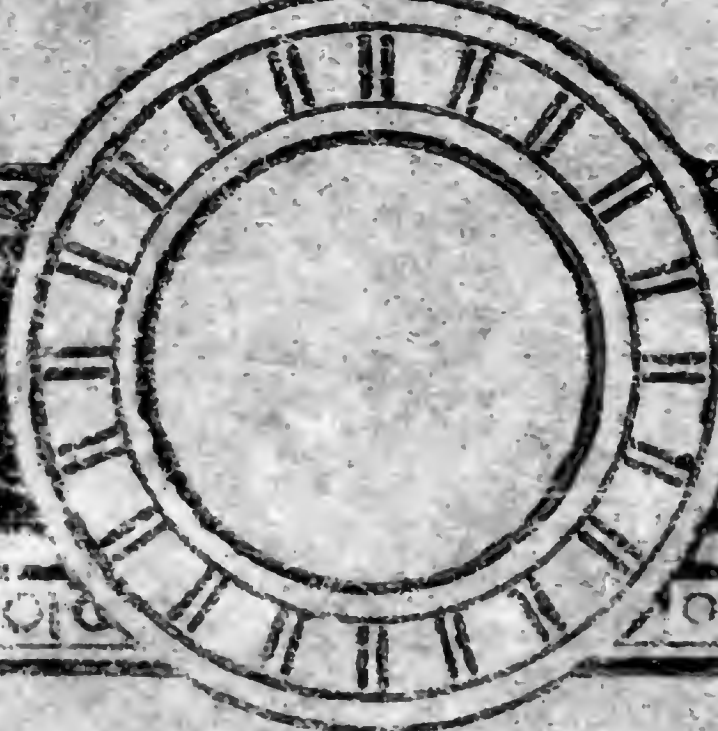


1903



Decorative et
C. J. ...



July 1st 1883

July 1st 1883

Between Walker & Rowley
saw the remains of a house,
near Rowley - 1/2 mi S.
Saw others several miles
W. of Rowley, - within a
mile of Independence.
Also saw fragments of
a fragment beyond Waynesville

$$\frac{21}{100} \times \frac{21}{95} = \frac{441}{9500}$$

$$\frac{21}{100} \times \frac{21}{95} = \frac{441}{9500}$$

6.8

4.6

9.1

1.1

6.7 2.7 2.8 1.0

11.0

8.0
9.5
1.0
5.0
9.5

Very ^{or quite} common prairie

plants on way up

Sium *cicutifolium* very

Achillea "

Rudbeckia hirta "

Euphorbia corollata "

Hemizonia virginica "

Tridax *virginica* "

Lithospermum *perfoliatum* "

Cuculus *sp.*

Desmodium canadense

Erigeron strigosus very

Asclepias cornuti

Verbena hastata

Ornithogalum *virginicum*

Lilium canadense

Solidago

Lepachys pinnata

Erigeron *argutus*

Rhus glabra

Antennaria canadensis

Sium *integrifolium*
(in bud)

Monarda mollis

Asclepias tuberosa

verticillata

Gladiolus *stellatus*

Dryas *sp.*

Plants between Jackson Co

& Calaveras - July 18-1907

Jackson Co

17 Polygonum Muhlenbergii

20 Sium

4 Eriogonum palmata

7 Euphorbia escholtzii

19 Phytolacca verticillata

6 Desmodium canadense

8 Erigeron strigosus

16 Senecio tenuifolius

25 Veronica virgata

9 Eryngium yuccifolium

13 Lepachys pumila

14 Lycopodium complanatum

1 Achillea

18 Parnassia californica

10 Hesperis matronalis

15 Liatris pycnostachya

5 Bromus pinnatifidus

11 Hesperis matronalis

24 Ranunculus abortivus

21 Solidago

26 Verbena hastata

22 Silene stellata

2 Asplenium platyneuron

12 Helianthus grosseserratus

3 Anemone nemorosa

23 Siphium integrifolium

St. Atkinson

Silene perfoliata

Scrophularia

Yucca

Thalictrum purpuraceum

Astragalus

Ranunculus

Asplenium

Helipis scabra

Monarda

Heracleum

Arctostaphylos

Anemone

Siphium

Plant - Calceolaria

- + *... ..*
- + *... ..*
- + *Agrostis alba*
- + *Lupinus vulgaris*
- + *Acyr. Nazimbo*
- + *Aristida minus*
- + *Plantago*
- + *Taraxacum officinale*
- + *Potentilla norvegica*
- + *Rumex crispus*
- + *Mentha cotula*
- + *Lebidium apetalum*
- + *Dryopteris fragilis*
- + *Euphorbia maculata*
- + *Phlox pratensis*
- + *Trifolium pratense*
- + *Rosa arvensis*
- + *Salix herbacea*
- + *Scrophularia lepida*

- + *Monarda mollis*
- + *Erigeron strigosus*
- + *Polygonum orientale*
- + *... ..*
- + *... ..*
- + *Vicia americana*
- + *Junonia linearis*
- + *Bromus arvensis*
- + *Agropyron sp.*
- + *Pedicularis virginiana*
- + *Stachys palustris*
- + *Astagalus canadensis*
- + *Caryophyllus*
- + *Cary. missouriensis*
- + *Cary.*
- + *Chenopodium leptophyllum*
- + *Helianthus scaberrimus*
- + *Aster laevis*
- + *Compositus*
- + *Panicum*

- + *Helianthus purpureus*
- Asterium canadense*
- Syntherisma whitei*
- Colinus Crataeva*
- + *Helianthus maximiliani*
- + *Parthenium integrifolium*
- + *Solidago*
- ~~*Solidago*~~
- + *Hesperis matronalis*
- + *Helianthus occidentalis*
- + *Potentilla canadensis*
- + *Asperula cynanchica*
- + *Potentilla fruticosa*
- + *Potentilla canadensis*
- + *Andropogon furcatus* *sp*
- + *Helianthus borealis*
- + *Asterium canadense*
- + *Helianthus hispidus*
- + *Vicia pedunculata*
- + *Comandra macleodii*
- + *Rhus glabra*

- Grain cicutiflora*
- Urtica*
- + *Lepidoptera capitata*
- + *Aster agrestis* *in fl.*

- Plantago*
- Aster*
- Silene stellata*
- Hypochaeris glabra*

- Phlox*
- Asterium*
- Sanicula*
- Potentilla*
- Potentilla*
- Caryophyllus*
- Rhus glabra*
- Asterium*
- Urtica*
- Urtica*
- Vitis vulpina*
- Oxalis*
- Urtica californica*
- Rhus glabra*

Aquilegia canadensis

Asarum canadense

Sagittaria variabilis

Podium pinnatifidum

Amblyopon aculeatum

" *trifidum*

Lepidosiphon pinnatum

Petalostemum notatum

Hordeum pinnatum

Scirpus ^{altus} americanus

Raphanocarpus

Trifolium repens

Capella lunata

Prunella

Parthenocissus vitacea

Sisymbrium officinalis

Eragrostis canadensis

Eragrostis megastachya

Portulaca oleracea

Portulaca oleracea

Prunella alba

Epilobium angustifolium

Salvia canadensis

Agrostis ^{peruviana}

Verbena hastata

Erigeron annuus

Galium ~~officinale~~

Adiantum

Melilotus alba

Sagittaria

Dec 18
 Sun
 Lycopodium
 Verbena stricta
 Verbascum thapsus
 Asclepias tuberosa
 Acer negundo
 Potamogeton terrestris
 Betula v. papyrifera
 Rhos glabra
 Typha
 Vitis riparia
 Pyrus ioensis
 Quercus macrocarpa
 Lilia am.
 Carya ovata
 Cirsium lanceolatum
 Pinus serotina
 " virginiana
 Sambucus canadensis
 Ribes glandulosum
 Siphium perfoliatum

Lobelia ~~ocroth~~ purple
 Salix discolor
 Impatiens fulva
 Comandra dry-
 Quercus alba
 " rubra
 Juglans nigra
 Malva rotundifolia
 Cereus Nepeta glabra

In the large woods NW
 of Newburg I found that
 Maple (hard) was common,
 especially lower down. With
 it were some other mostly
 Slippery Elm & occasional
 basswood. Upward these
 occurred, white oak &
 Q. velutina?, occasionally
 a wild cherry - Osage,
 locust - Pigweed.

Butterfield

On the hillsides on bluffs
 below canoe. White birch
 everywhere on the slopes
 upward. The lower part of
 my Black Oak tract
 anything else.
 I found my Black Oak not
 common upland tree as
 far as canoe.

Between that & Decoral,
 especially Howard
 Freeport on N. side of
 river, Red oak is the
 most common, & my black
 oak is rare. White oak
 is common on uplands.
 Populus grandidentata is
 rare, but P. tremuloides
 is very common.

Free Wh. Pine, on bluffs above
 Decoral - Red cedar quite
 common.

Took picture on bank on
 way to Freeport - canoe

Toward Monck

Rhus glabra
Quercus rubra
 " *occidentalis*
 " *alba*
 " *macrocarpa*
Juglans nigra
 " *cineræa*
Lilium
Prunus serotina
Ulmus am.
Fraxinus am.
Populus tremulata
 " *grandidentata*
Cornus paniculata
Betula humilis
Oxalida quinquefolia
Corylus am.
Carya cordiformis
 " *ovata*
Crotogeomys crinitus

Vitis vulpina
Celastrus virginicus
Pyrus ioensis
Rubus allegheniensis
Rosa pratincola
Crotogeomys crinitus
Rosa blanda
Lonicera

22

23

N. of Decatur on
 on road to Shepton
 saw a layer of sand
 which was washed in surface
 & shows striation parallel
 to surface
 It was on road that
 little ridges marked that point
 The town lies to the west or
 in line - 1000 ft. or so
 from point. There is at
 several points in the road
 beds with the same material
 with dark pebbles. It is the
 beds it was made in the
 of Trenton limestone.
 The distance on the station
 between Decatur & Shepton is
 nearly 10 miles.

62

63

Rock banks

- Rhamnus
- Quercus
- Lonicera
- Blackberry
- Quercus
- Chestnut tree bark
- Staphylea
- Madrodam
- Alnus
- Red Elm
- Amelanchier
- Juniper
- Shrub
- Rubus
- Blackberry
- Juniper
- Red Elm
- Cornus
- Choke cherry
- Juniper
- Blackberry
- Elm
- Basswood
- Maple
- Maple
- Red Oak
- Quercus
- Yellow Oak
- Carya
- Juniper
- Carya
- Juniper
- Viburnum dentatum

Panicum sudes
Lepachys pinnata
Brauneri
Ochrochloa angustifolia
Petalostemum candidum
Tagetes
Tagetes antecurva
Silphium laciniatum
Aster novae-angliae
~~*Solidago nemoralis*~~
Pedicularis canadensis
Lespedeza bicolor
Amorpha canescens
~~*Leontodon plantaginifolius*~~
Eryngium yuccifolium
Cirsium palustre
Helianthus scaberrimus
Asclepias verticillata
~~*Solidago nemoralis*~~
Caryophyllus annuus
Ligustrum scarica
Comandra umbellata
Dodecatheon meadia
Solidago rigida

~~*Rudbeckia hirta*~~
~~*Eryngium yuccifolium*~~
~~*Lobelia spicata*~~
~~*Panicum sudes*~~
~~*Sidalcea humilis*~~
~~*Achillea millefolium*~~
~~*Parthenocissus vitacea*~~
~~*Specularia perfoliata*~~
~~*Rudbeckia hirta*~~
~~*Rhus glabra*~~
~~*Solidago missouriensis*~~
~~*Rosa arkansana*~~
~~*Rubus allegheniensis*~~
~~*Prunella pennsylvanica*~~
~~*Cirsium discolor*~~
~~*Menyanthes triflorata*~~
~~*Petalostemum vittatum*~~
~~*Urtica dioica*~~
~~*Ruellia setacea*~~
~~*Sporogonum canadense*~~
~~*Eupatorium altissimum*~~
~~*Profilium pennsylvanicum*~~

~~Bromus pinnatus
 Cornus paniculata
 Verbena angustifolia
 Scrophularia leporella
 Melospiza rubra
 Desmodium canadense
 Erigeron stellata
 Elymus cheiranthoides
 Pycnanthemum virginicum
 Koeleria cristata (acuta)~~

~~Urtica
 White Oak
 Hickory
 Green Ash
 Red Oak
 Ostrya
 Juniper
 Artemisia tridentata
 Knapweed
 Hazel
 Cornus canadensis
 Populus tremuloides
 " grandidentata~~

Allium

Salix

Walrus

Antennae

Holly

Pigment

Honey Comb

Am. Elm.

Black Ash

Carpenter

Pine Elm

Grass

Galaxy CR & P.

Solidago nemoralis

Euphorbia corollata

Aster multiflorus

Equisetum hyemale var

" arvense

Carex palmata

Solidago rigida

Monarda scabra

Solidago angustifolia

Andropogon furcatus

Desmodium illinoense

Rehmannia mollifolia

Panicum canadense

Leptochloa capitata

~~Prostachya~~
Scleranthus angustifolia

Carex trisperma

Petalostemon candidum

Tripsacis daniellii

Knautia

Quercus cylindrica

Petalostemon volucre

Artemisia ~~canadensis~~

Eryngium yuccifolium

Aster (laevis)

Aster (laevis)

Bartonia racemosa

Lepachys pinnata

Parthenocissus intep.

Helianthus intep.

Helianthus intep.

" intep.

Baptisia leucantha

Panicum intep.

Andropogon intep.

Helianthus intep.

Scleranthus intep.

Centaurea intep.

intep. graminifolia

Bartonia intep.

intep. amer.

Helianthus intep.

Eleusine intep.

Asclepias curatella
 Galium
 Thalictrum flavum
 Rumex crispus
 Vernonia fasciculata
 Pyracantha ^{flexilis}
 Liatris pycnostachya
 Verbena hastata
 Lobelia spicata
 Pedicularis ~~canadensis~~ ^{lanceolata (low)}
 Cirsium ^{altissimum} discolor
 Ranunculus ^{repens}
 Asclepias speciosa
 Potentilla canadensis
 Sarcocolla
 Salix humilis
 Hypericum ^{perforatum}
 Desmodium illinoense
 Silphium laciniatum
 Aster calycifolius
 Cnicus tuberosus

Vernonia virginiana
 Oxalis stricta
 Phlox pilosa
 Viola delphinifolia
 Convolvulus sepium
 Hesperis matronalis
 Comandra umbellata
 Lobelia spicata
 Rosa pratincola
 Asplenium platyneuron
 Antennaria neglecta
 Polygala sanguinea
 Polygala verticillata
 Asclepias tuberosa
 Adiantum ^{floridana}
 Liriodendron
 Pedicularis canadensis
 Asplenium platyneuron
 Asplenium platyneuron
 Potentilla arguta
 Mahonia aquifolium

- Gentiana bicolor*
- Ficus spicata*
- Kuhnia eupatorioides*
- Proteris succisanta*
- ~~*Panicum*~~
- Polypogon convolvulus*
- Tenacrum canadense*
- Ceanothus americanus*
- ~~*Cirsium*~~
- ~~*Cirsium altissimum*~~
- Vicia cucullata*
- Oxylophus nyclyps*
- Tragium virginicum*

84

85

- ~~Quercus~~
- Red oak -
- ~~Quercus~~
- Yellow oak -
- Carya alba -
- ~~Quercus~~
- Q. alba.
- Populus grandidentata -
- Astrya -
- Corylus
- Hazel -
- Rosa blanda -
- Populus tremuloides -
- Filia
- Juniper -
- Juglans
- Fraxinus
- White Ash
- Rhus glabra
- Prunus
- Black cherry
- Acer
- Sambucus
- Cornus paniculata
- Rubus
- Rubus
- Sambucus racemosa
- Celastrus
- Wintergreen -
- Carya americana

- ~~Rhus glabra~~
- ~~Rhus glabra~~
- Amelanchier canadensis
- Q. americana
- ~~Rhus glabra~~
- Ribes coccineum
- Amelanchier canadensis
- Ceanothus
- Juniper
- Rhus glabra
- Prunus
- Chamaecyparis
- Amelanchier canadensis

Lowland
 Betula nigra
 Black Birch
 Amelanchier
 Red Ache
 Cornus paniculata
 Redstart
 Honey Locust
 Quercus
 White Oak
 Dogwood
 Yellow Birch
 Carya alata
 White Birch
 Quercus
 White Oak
 Prunus
 Black Cherry
 Juglans
 Black Walnut
 Prunus
 Black Cherry
 Juglans
 Buckeye
 Osage
 Viburnum
 Red Elm
 Prunella
 Amelanchier
 Crataegus
 Wax Myrtle
 White Birch
 Lilia
 Bass Wood
 Cotoneaster

Ulmus
 Elm
 Sycamore
 Fraxinus
 Green Ash
 Prunus
 Wild Plum
 Acer
 Soft Maple
 Acer
 Red Maple
 Populus
 Cottonwood
 Fraxinus
 White Birch
 Celtis
 Hackberry
 Salix amygdaloides
 Carpinus
 Bittersweet
 Sambucus
 Elder
 Salix nigra
 Staphylea
 Black Alder
 Prunus americana
 Red Apple

Old man's cr. - July 25,

Metula nana

Box Elder

Saxifraga

Populus tremuloides

Q. rubra

Corylus
Hazel

Q. velutina

Rhus toxicaria

Ulmus americana

Vitis rotundifolia

Juglans

Xanthoxylum

Walnut

Platanus occidentalis

Eryngium yuccifolium

Fraxinus

Ulmus pennsylvanicus

Wh. Ash

Prunella

Q. macrocarpa

Virginiana

Crataegus Tomentosa

Smilax latifolia

Acer

Juglans

Maple

Butterfly

Carya

Melicope

Wh. Hickory

Rhus glabra

Carya amara

Morus nigra

Q. imbricaria

Prunus

Q. palustris

Walden

Lilium

Salix fluviatilis

Basswood

Rubus idaeus

Gallia

Prunus serotina

Crataegus mollis

Prunus serotina

Prunus americana

Gleditsia

Honey Locust

Pop. grandidentata

W. Oak

Carya ovata

108

109

Loess
 Kansan drift
 sand

St. Peter's S.S.

Trenton L.S.

green shale

Onondaga

Upper Onondaga

New Richmond

Lower Onondaga

W. Gray S.S.

Trees cut in Vermont w.

Calmar, /

Box Elder

Alder

Round-top

Soft maple

White Pine

M. Decid

Balsam Fir

Soft Pine

Aspen

White Spruce

Juniper

Red Cedar

Aspen

White Pine

White Pine

Norway Spruce

Canada Spruce

Soft Maple

Box Elder

Red Cedar

Cottonwood

Cherry

Soft Pine

White Pine

White Pine

12

Decid - July 20 - 1903

Box Elder

Norway Spruce

Cottonwood

Box Elder

Hard Maple

White Pine

Soft Maple

Hard Maple

White Pine

White Pine

White Pine

Catalpa

Maple

White Pine

Red Cedar

Chokecherry

Norway Spruce

Red Cedar

Box Elder

White Pine

White Pine

23

White Pine

White Pine

114 July 1903
Prairie Plants - along
CR&P. E. of Iowa City
Lowland

Equisetum robustum
Sium
Carex
Lytium alatum
Juncus canadensis
~~*Anemone cylindrica*~~ also upland
Verbena hastata
Liatris pycnostachya
Helianthus grosseserratus
Veronica virginica
Habenaria leucophaea
Lilium canadense

115 July 1903
Prairie Plants - E. of Iowa City
along CR&P.
Upland

Equisetum arvense
Lepachys pinnata
~~*Liatris pycnostachya*~~
Amorpha canescens
Petalostemon violaceus
" *candidus*
Bryonia
Chenopodium angustifolium
Oscularia cornuta
Rubricaulis hirta
Coropis palmata
Euphorbia corollata
Heliopsis scabra
Eryngium yuccifolium
Equisetum hyemale v.
Apocynum cannabinum
Pyrolanthus biflorus
Liatris pycnostachya
Cassia tuberosa
Potamogeton argenteus
(over)

116

Upland (con.)

- Oenothera biennis*
- Asclepias verticillata*
- Desmodium ~~virginicum~~ ^{canadense}*
- " *illinoense*
- Asclepias tuberosa*
- Delphinium laciniatum*
- " *integrifolium*
- Verbena stricta*
- Solidago missouriensis*
- Helianthus rigidus*
- Juncus tenuis*
- Carex festucacea*
- Solidago humilis*
- Baptisia ~~laevifolia~~ ^{laevifolia}*
- Herchmeria hirsuta*
- Pedicularis canadensis*
- Phlox pilosa*
- Aurantiopsis ^{secunda} ~~laevifolia~~*
- Scrophularia leporella*
- Asclepias tuberosa*

117

Upland (con.)

Polygala sanguinea

118



P. S. ...
 ...

Mrs. J. A. ...

