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## Parry's Catalog of Iowa Plants of 1848

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## PARRY'S CATALOG OF IOWA PLANTS OF 1848

WINIFRED ELLSWORTH

In 1852, David Dale Owen, United States Geologist, published his "Report of a Geological Survey of Wisconsin, Iowa, and Minnesota," and included in the volume as Article V a systematic catalog of plants of the Northwest by C. C. Parry. Parry's list bears the misleading title "Systematic Catalogue of Plants of Wisconsin and Minnesota, made in Connection with the Geological Survey of the Northwest, during the season of 1848." But in the second paragraph of Mr. Parry's explanatory introduction to his list he says, "I have also incorporated some personal observations made during a previous season in the State of Iowa, being properly comprised within the District of the Northwest, and enabling me to present a more complete view of the botanical features of the region than could otherwise be done during a single season's operations." His Iowa collection was made, therefore, during a season previous to 1848, and thus precedes Bessey's list of 1870 by more than twenty-two years. The Iowa plants are scattered in the list among the Wisconsin and Minnesota plants and it seems worth while to cull them out into the separate list given below. In most cases Mr. Parry has indicated the time of collection, the locality and its soil condition. He acknowledges his indebtedness to Dr. John Torrey for the authentication of his doubtful specimens.

- |                              |                                |
|------------------------------|--------------------------------|
| 6. Betulaceae                |                                |
| <i>Corylus americana</i>     | thickets on rich prairies      |
| 11. Juglandaceae             |                                |
| <i>Juglans nigra</i>         | interior                       |
| <i>Carya alba</i>            |                                |
| 21. Santalaceae              |                                |
| <i>Comandra umbellata</i>    | dry banks                      |
| 28. Aristolochiaceae         |                                |
| <i>Asarum canadense</i>      | rich woods                     |
| 31. Polygonaceae             |                                |
| <i>Rumex crispus</i>         | Davenport, Iowa                |
| 32. Chenopodiaceae           |                                |
| <i>Chenopodium album</i>     | cultivated fields              |
| 33. Amaranthaceae            |                                |
| <i>Amaranthus hybridus</i>   | fields and around gopher-holes |
| <i>Amaranthus graecizans</i> | wherever there is a garden     |

40. Caryophyllaceae  
*Silene nivea* July, ravines, Davenport, Iowa  
*Silene antirrhina* June, dry soil and exposed rocks
45. Ranunculaceae  
*Clematis viorna* June 9, banks of Mississippi, Davenport, Iowa  
*Anemone caroliniana* May 3, banks of Mississippi  
*Anemone virginiana* July, woods  
*Actaea rubra* May, woods and copses  
*Actaea alba* with preceding
57. Lauraceae  
*Benzoin odoriferum* Southern Iowa
67. Cruciferae  
*Cardamine rhomboidea* May, wet places on prairies  
*Sisymbrium canescens* May, pastures and river banks, Davenport, Iowa  
*Draba caroliniana* April, dry and exposed banks of Mississippi, Davenport, Iowa
72. Saxifragaceae  
*Heuchera Richardsonii* June, dry rolling prairie  
*Ribes Missouriense* borders of streams
81. Rosaceae  
*Spiraea opulifolia* June, rocky river banks  
*Potentilla arguta* June, dry prairie  
*Fragaria virginiana* Fields and prairies  
*Rosa lucida* May, dry soil  
*Rosa blanda* May, prairie  
*Crataegus coccinea*, var. *mollis* May, Davenport  
*Pyrus coronaria* Apr., Davenport, banks of Mississippi
83. Leguminosae  
*Phaseolus diversifolius* August, gravelly banks of Mississippi, Davenport  
*Lespedeza capitata* August, dry prairies  
*Astragalus caryocarpus* May, gravelly ridges in the interior  
*Tephrosia virginiana* July, sandy soil, Davenport  
*Amorpha canescens* July, rocky crevices, dry soil  
*Psoralea argophylla* July, high prairies  
*Trifolium reflexum* June, low grounds  
*Baptisia leucantha* July, rich soil, Davenport  
*Baptisia leucophaea* May, dry prairies  
*Cercis canadensis* Apr., banks of Mississippi, Davenport  
*Cassia chamaecrista* July, sandy soil
85. Geraniaceae  
*Geranium carolinianum* May, waste places
86. Oxalidaceae  
*Oxalis violacea* May, dry banks
88. Linaceae  
*Linum rigidum* July, high prairies
101. Polygalaceae  
*Polygala purpurea* July, wet and rather barren places  
*Polygala incarnata* dry soil, interior  
*Polygala verticillata* dry hills
103. Euphorbiaceae  
*Euphorbia platyphylla* dry fields  
*Euphorbia corollata* dry prairies  
*Pilinophytum capitatum* August, streets of Davenport
109. Anacardiaceae  
*Rhus aromatica* June, sandy shore of Red Cedar river

114. Celastraceae  
*Staphylea trifolia* May, thickets
120. Aceraceae  
*Acer saccharinum* interior
126. Rhamnaceae  
*Rhamnus longifolius* banks of Mississippi, Davenport  
*Ceanothus americanus* July, prairies  
*Ceanothus ovalis* May, interior
149. Cistaceae  
*Helianthemum canadense* June, dry hills and prairies
153. Violaceae  
*Viola pedata* May, prairie  
*Viola delphinifolia* May, Davenport
171. Lythraceae  
*Lythrum alatum* July, margins of ponds
181. Onagraceae  
*Oenothera serrulata* June, interior  
*Gaura biennis* August, dry fields, Davenport
182. Haloragidaceae  
*Myriophyllum verticillatum* floating in still ponds, interior
186. Umbelliferae  
*Eryngium aquaticum* moist prairies  
*Polytaenia Nuttallii* June, prairie, Davenport  
*Archemora rigida* August, banks of streams  
*Zizia integrerrima* June, dry banks of rivers  
*Cicuta maculata* June, rich, moist prairies, interior
191. Ericaceae  
*Gaylussacia resinosa* Davenport (only place)
196. Primulaceae  
*Dodecatheon Meadia*  
*Androsace occidentalis* Apr., banks of Mississippi, Davenport
204. Gentianaceae  
*Gentiana quinqueflora* dry prairies
206. Asclepiadaceae  
*Asclepias purpurascens* hills, Davenport  
*Asclepias obtusifolia* dry sandy prairies  
*Asclepias Meadii* June, dry rolling prairies  
*Asclepias incarnata* swamps  
*Asclepias tuberosa* June, dry prairies  
*Asclepias verticillata* dry hills, Davenport  
*Acerates longifolia* moist places  
*Acerates viridiflora* June, dry hills and prairies
207. Convolvulaceae  
*Calystegia sepium* copses
208. Polemoniaceae  
*Polemonium reptans* May, shady places  
*Phlox maculata* June, wet places on prairies  
*Phlox divaricata* April, shady hillsides
209. Hydrophyllaceae  
*Hydrophyllum virginicum* June, rich woods  
*Hydrophyllum appendiculatum* June, copses  
*Ellisia ambigua* May, cultivated fields
210. Boraginaceae  
*Onosmodium molle* about gopher-holes on prairies  
*Batschia Gmelini* dry, sandy ridges  
*Batschia canescens* richer soil

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|------|---------------------------------|--|
|      | <i>Batschia longiflora</i>      | May, banks of Mississippi, Davenport           |
|      | <i>Mertensia virginica</i>      | April, Davenport                               |
|      | <i>Cynoglossum Morisoni</i>     | waste places about villages                    |
| 211. | Verbenaceae                     |  |
|      | <i>Verbena hastata</i>          | waste places, Davenport                        |
|      | <i>Verbena urticaefolia</i>     | roadsides                                      |
|      | <i>Verbena spuria</i>           | dry fields                                     |
|      | <i>Verbena angustifolia</i>     | June, dry fields                               |
|      | <i>Verbena stricta</i>          | river banks and prairies                       |
|      | <i>Verbena bracteosa</i>        | roadsides                                      |
| 212. | Labiatae                        |  |
|      | <i>Isanthus caeruleus</i>       | August, gravelly banks                         |
|      | <i>Lycopus sinuatus</i>         | springy places                                 |
|      | <i>Hedeoma hirta</i>            | dry exposed places                             |
|      | <i>Pycnanthemum pilosum</i>     | dry hills                                      |
|      | <i>Pycnanthemum lanceolatum</i> | thickets                                       |
|      | <i>Scutellaria versicolor</i>   | copses   |
|      | <i>Stachys hispida</i>          | margins of rushy ponds                         |
| 214. | Solanaceae                      |  |
|      | <i>Datura stramonium</i>        | waste places, interior                         |
|      | <i>Physalis viscosa</i>         | dry fields                                     |
| 215. | Scrophulariaceae                |  |
|      | <i>Verbascum thapsus</i>        | roadsides                                      |
|      | <i>Scrophularia nodosa</i>      | June, copses                                   |
|      | <i>Chelone glabra</i>           | swamps   |
|      | <i>Pentstemon pubescens</i>     | June, banks of Mississippi, Davenport          |
|      | <i>Pentstemon laevigatum</i>    | roadsides                                      |
|      | <i>Veronica americana</i>       | brooks   |
|      | <i>Veronica peregrina</i>       | waste places, Davenport                        |
|      | <i>Gerardia pedicularia</i>     | September, dry prairie                         |
|      | <i>Castilleja coccinea</i>      | June, prairie                                  |
|      | <i>Pedicularis canadensis</i>   | prairie  |
| 222. | Lentibulariaceae                |  |
|      | <i>Utricularia vulgaris</i>     | ponds  |
| 266. | Phrymaceae                      |  |
|      | <i>Phryma leptostachya</i>      | rich woods                                     |
| 227. | Plantaginaceae                  |  |
|      | <i>Plantago cordata</i>         | April, edges of brooks                         |
| 229. | Caprifoliaceae                  |  |
|      | <i>Triosteum perfoliatum</i>    | June, copses and river banks                   |
| 234. | Campanulaceae                   |  |
|      | <i>Campanula americana</i>      | July, woods                                    |
|      | <i>Specularia perfoliata</i>    | June, dry hills                                |
| 234. | Lobeliaceae                     |  |
|      | <i>Lobelia cardinalis</i>       | August, low ground                             |
| 239. | Compositae                      |  |
|      | <i>Liatris cylindracea</i>      | August, dry hillsides                          |
|      | <i>Liatris scariosa</i>         | August, dry rolling prairies                   |
|      | <i>Liatris pycnostachya</i>     | Moist places in prairies                       |
|      | <i>Kuhnia eupatorioides</i>     | September, dry hills, Davenport                |
|      | <i>Eupatorium serotinum</i>     | September, dry banks of rivers                 |
|      | <i>Aster sericeus</i>           | August, dry prairies                           |
|      | <i>Aster azureus</i>            | August, dry hillsides                          |
|      | <i>Aster multiflorus</i>        | September, dry fields                          |
|      | <i>Aster oblongifolius</i>      | June, rocky banks of Mississippi,<br>Davenport |
|      | <i>Erigeron bellidifolium</i>   | May, grassy places                             |
|      | <i>Erigeron Philadelphicum</i>  | June, Davenport                                |

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|--|----------------------------------|
| <i>Erigeron annuum</i>                                     | June, Davenport                  |
| <i>Solidago speciosa</i>                                   | August, dry, rolling prairies    |
| <i>Solidago nemoralis</i>                                  | August, dry hillsides            |
| <i>Silphium laciniatum</i>                                 | July, prairie                    |
| <i>Silphium perfoliatum</i>                                | borders of streams               |
| <i>Echinacea angustifolia</i>                              | June, prairie                    |
| <i>Echinacea purpurea</i>                                  | July, prairie                    |
| <i>Rudbeckia hirta</i>                                     | June, dry soil                   |
| <i>Rudbeckia triloba</i>                                   | September, dry hillsides         |
| <i>Rudbeckia subtomentosa</i>                              | August, wet places               |
| <i>Rudbeckia laciniata</i>                                 | August, copses                   |
| <i>Lepachys pinnata</i>                                    | July, dry prairies               |
| <i>Helianthus rigidus</i>                                  | September, dry prairies          |
| <i>Helianthus occidentalis</i>                             | July, dry hills                  |
| <i>Actinomeris squarrosa</i>                               | September, thickets              |
| <i>Coreopsis tripteris</i>                                 | borders of streams               |
| <i>Coreopsis palmata</i>                                   | June, dry copses and prairies    |
| <i>Dyssodia chrysanthemoides</i>                           | August, waste places about towns |
| <i>Artemisia caudata</i>                                   | dry prairies and river banks     |
| <i>Artemisia ludoviciana</i>                               | dry rolling prairies             |
| <i>Artemisia biennis</i>                                   | roadsides                        |
| <i>Artemisia dracunculoides?</i>                           |                                  |
| <i>Cacalia reniformis</i>                                  | copses, Davenport                |
| <i>Cacalia atriplicifolia</i>                              | Davenport                        |
| <i>Cacalia tuberosa</i>                                    | moist prairies                   |
| <i>Senecio aureus</i> , var. <i>balsam-</i><br><i>itae</i> | rocky banks, Davenport           |
| <i>Cirsium altissimum</i>                                  | fall, prairie thistle            |
| <i>Cynthia virginiana</i>                                  | May, dry hills, Davenport        |
| <i>Nabalus racemosus</i>                                   | September, moist prairies        |
| <i>Nabalus asper</i>                                       | dry prairies                     |
| <i>Troximon cuspidatum</i>                                 | April, prairie                   |
| 251. Gramineae   |                                  |
| <i>Bouteloua oligostachya</i>                              | interior                         |
| <i>Stipa juncea</i>  | rolling prairie                  |
| <i>Koeleria cristata</i>                                   | dry prairies                     |
| <i>Poa compressa</i>                                       |                                  |
| <i>Triticum repens</i>                                     | fields                           |
| <i>Hordeum jubatum</i>                                     | dry soil                         |
| <i>Panicum capillare</i>                                   | sandy soil                       |
| <i>Cenchrus echinatus</i>                                  | sandy soil                       |
| <i>Sorghum nutans</i>                                      | dry soil                         |
| 255. Araceae   |                                  |
| <i>Arum triphyllum</i>                                     | May, woods                       |
| <i>Symplocarpus foetidus</i>                               | swamps                           |
| 266. Commelinaceae   |                                  |
| <i>Tradescantia virginica</i>                              | copses and grassy hills          |
| 272. Liliaceae   |                                  |
| <i>Trillium sessile</i>                                    | May, rich woods and copses       |
| <i>Smilacina stellata</i>                                  | moist places in prairies         |
| <i>Ornithogalum umbellatum</i>                             | May, fields                      |
| <i>Scilla esculenta</i>                                    | fields, Davenport                |
| <i>Uvularia grandiflora</i>                                | May, hills and vales             |
| <i>Uvularia sessifolia</i>                                 | woods and copses                 |
| <i>Allium canadense</i>                                    | rich hillsides                   |
| <i>Lilium philadelphicum</i>                               | June, rolling prairies           |
| <i>Erythronium albidum</i>                                 | April, Davenport                 |
| 274. Amaryllidaceae  |                                  |
| <i>Hypoxis erecta</i>                                      | dry soil                         |
| 277. Dioscoreaceae   |                                  |
| <i>Dioscorea villosa</i>                                   | thickets                         |

278. Iridaceae

<i>Iris versicolor</i>	swamps
<i>Sisyrinchium Bermudianum</i>	May, prairies

284. Orchidaceae

<i>Plantanthera leucophaea</i>	moist places on prairie
<i>Calopogon pulchellus</i>	June, bogs and moist sandy places
<i>Cypripedium pubescens</i>	hill-sides and prairies
<i>Cypripedium candidum</i>	moist banks
<i>Cypripedium spectabile</i>	June, shady hills

Filices

<i>Allosorus gracilis</i>	shaded rocks, Davenport
<i>Polystichum acrostichoides</i>	shady river banks

DEPARTMENT OF BOTANY,  
GRINNELL COLLEGE.