

- 21036 Southern variety of *Cystopteris fragilis* as yet without a published name
- 34780 *Cystopteris fragilis* and a peculiar form long ago sent to Milde
33143 by Dr. Engelmann and discussed, but not named by the former
- 33393 *Valerianella amarella* Krok
- 33855 *Helianthemum georgianum* Chapm.
- 37518 *Zigadenus chloranthus* Richards.
- 37498 *Fritillaria atropurpurea* Nutt.
- 37499 Slender *Zigadenus elegans* Pursh, perhaps approaching *Z.*
37094 *alpinus* Blankinsh., but there seems no very clear line between
37499 the two
- 37110 *Leucoarinum montanum* Nutt.
- 37610 *Stellaria borealis* Bigel., var. *Bongardiana* Fern.
(*Alsine brachypetala* of Rydberg's Flora?)
- 35498 *Stellaria fontinalis* (Short & Peter) Robinson
- ~~37498 *Fritillaria atropurpurea* Nutt.~~

Mar. 6, 1930.

Plants of E. J. Palmer

Determined by C. A. Weatherby

- | | | |
|-------|--|--|
| 35240 | <i>Astragalus obcordatus</i> Ell. | |
| 33976 | " <i>mollissimus</i> Torr. | |
| 35493 | " <i>tennesseensis</i> Gray | |
| 37151 | <i>Oxytropis spicata</i> Hook. | |
| 37258 | <i>Astragalus</i> | |
| 36095 | " <i>racemosus</i> Pursh | |
| 37588 | " <i>tenellus</i> Pursh | |
| 37421 | " <i>gracilis</i> Nutt. | |
| 37624 | <i>Psoralea cuspidata</i> Pursh | |
| 37620 | " <i>argophylla</i> Pursh | |
| 35069 | <i>Aster laevis</i> L. | |
| 37538 | <i>Ranunculus Macounii</i> Britton | |
| 37413 | " " " | |
| 37203 | " <i>ovalis</i> Raf. | |
| 36091 | " <i>sceleratus</i> L. | |
| 33825 | <i>Psoralea cuspidata</i> Pursh | |
| 33408 | " " " | |
| 35427 | <i>Anemone quinquefolia</i> L. | |
| 37063 | <i>Geranium</i> sp. | |
| 37062 | <i>Anemone globosa</i> Nutt. | |
| 36084 | " <i>canadensis</i> L. | |
| 37636 | <i>Thalictrum dasycarpum</i> Fisch. & Lall. | |
| 37198 | " <i>venulosum</i> Trel. | |
| 37028 | <i>Aquilegia brevistyla</i> Hook. | |
| 37133 | <i>Delphinium bicolor</i> Nutt. | |
| 37629 | " <i>virescens</i> Nutt. | |
| 37558 | <i>Actaea arguta</i> Nutt. | |
| 37182 | " <i>eburnea</i> Rydb. | |
| 37586 | " " " | |
| 37389 | <i>Adoxa Moschatellina</i> L. | |
| 33325 | <i>Vicia ludoviciana</i> Nutt. | |
| 37008 | " <i>linearis</i> (Nutt.) Greene | In our material I cannot distinguish <i>V. trifida</i> and <i>V. sparsifolia</i> of Rydberg's treatment. |
| 36081 | " " " " | |
| 37245 | " " " " | |
| 36046 | " " " " | |
| 37602 | <i>Lathyrus stipulaceus</i> (Pursh) Butters & St. J. | |
| 37025 | <i>Oxytropis spicata</i> Hook. ? | |
| 36070 | " <i>Lamberti</i> Pursh | |
| 36076 | " " " | |
| 37509 | <i>Hedysarum marginatum</i> Greene | |
| 37554 | " " " | |
| 37354 | <i>Astragalus alpinus</i> L. | |
| 37095 | " <i>Forwoodii</i> Wats. | |
| 37260 | " <i>gracilis</i> Nutt. | |
| 37007 | " <i>missouriensis</i> Nutt. | |
| 37004 | " <i>adsurgens</i> Pall. | |
| 37045 | " <i>crassicaulus</i> Nutt. | |
| 37240 | <i>Sophora sericea</i> Nutt. | |
| 37259 | <i>Psoralea lanceolata</i> Pursh | |
| 33316 | <i>Baptisia laevicaulis</i> (Gray) Small | |
| 37352 | <i>Thermopsis rhombifolia</i> (Nutt.) Richards. | |
| 37290 | " " " | |
| 33391 | <i>Medicago minima</i> L. | |
| 35224 | <i>Crotalaria rotundifolia</i> (Walt.) Poir. | |
| 35223 | <i>Lupinus villosus</i> Walt. | |

35217	<i>Lupinus perennis</i> L.
37091	" <i>parviflorus</i> Nutt.
35462	<i>Viola tripartita</i> Ell.
35399	" " "
35400	" <i>hastata</i> Michx.
37399	<i>Viola adunca</i> Sm.
37367	" " "
33297	" <i>Lovelliana</i> Brainerd
37386	" <i>renifolia</i> Gray, var. <i>Brainerdii</i> (Greene) Fern.
37060	" <i>rugulosa</i> Greene
37350	" " "
37533	" <i>pubescens</i> Ait.
37180	" " "
37180a	" <i>retusa</i> Greene
37521	" " "
33311	" <i>triloba</i> Schwein., var. <i>dilatata</i> (Ell.) Brainerd
33853	<i>Sida Lindheimeri</i> Engelm. & Gray
33376	<i>Callirrhoe involucrata</i> (T. & G.) Gray
33388	" I don't know this
36041	" <i>alceoides</i> (Michx.) Gray

March 13, 1930.

PLANTS OF E. J. PALMER

DETERMINED BY C. A. WEATHERBY

- 37225 *Osmorhiza longistylis* (Torr.) DC.
37561 " -----
37392 *Musineon tenuifolium* Nutt.
37114 *Cogswellia foeniculacea* (Nutt.) C. & R.
37256 *Musineon divericatum* (Pursh) C. & R.
36098 " " " " "
37618 " " " " "
33393 Not determinable without fruit
37052 } I should let these go as *Dodecatheon Media* L., In dried
37383 } material I cannot make out recent segregates in this genus.
- 37467 *Musineon tenuifolium* Nutt.
37234 *Gaura coccinea* Pursh
37281 " " "
33817 *Oenothera missouriensis* Nutt.
36093 " *caespitosa* Nutt.
37212 *Tomandra pallida* A. DC.
37031 " " " "
33960 *Physalis mollis* Nutt.
33854 *Lechea Drummondii* (Spach) T. & G.
37476 *Valeriana edulis* Nutt.
37489 " *sylvatica* Banks
37614 *Potentilla argyrea* Rydb. ?
36088 " *paradoxa* Nutt.
37117 " -----
37591 " *fissa* Nutt.
37366 " " "
37325 " *arguta* Pursh
37481 " *Anserina* L.
37455 " *pennsylvanica* L., var. *strigosa* Pursh
37092 " *argyrea* Rydb.

Mar. 29, 1930

PLANTS OF E. J. PALMER

DETERMINED BY C. A. WEATHERBY

- 37412 *Geum oregonense* (Scheutz) Rydb.
37612 " *macrophyllum* Willd.
37040 Mixture of *Fragaria glauca* (Wats.) Rydb. & *F. vesca* L., var.
35746 *Fragaria grandiflora* Ehrh.? *americana* Porter
35712 " *virginiana* Duchehe
33819 *Geum canadense* Jacq., var. *texamum* Fern. & Weath., but un-
37528 *Vernonia americana* Schwein. usually pubescent
37609 " " "
33836 *Crusea tricoeca* (T. & G.) Heller
37304 *Galium Aparine* L., var. *Vaillantii* (DC.) Koch
37544 *Vernonia americana* Schwein.
37169 *Collinsia parviflora* Lindl.
33413 *Stachys*^s *agraria* Cham. & Schlecht.
37493 *Dracocephalum parviflorum* Nutt. pink-flowered form
35176 *Scutellaria integrifolia* L., var. *multiglandulosa* Kearney
33937 " *resinosa* Torr.
5 3/465 *Salvia urticifolia* L.
33834 *Cuscuta pentagona* Engelm., var. *verrucosa* (Engelm.) Yuncker^r

Mar. 31, 1930.

Plants of E. J. Palmer

Determined by I. M. Johnston

- 33867 *Cryptantha texana* (A.DC.) Greene
33318 *Lithospermum angustifolium* Michx.
33338 " *carolinense* (Walt.) MacMill.
33387 *Cryptantha texana* (A.DC.) Greene
35180 *Onosmodium virginianum* (L.) A. DC.
35367 *Mertensia virginica* (L.) DC.
35382 *Cynoglossum virginianum* L.
35696 *Onosmodium subsetosum* Mack. & Bush
35851 *Mertensia virginica* L.
36069 *Lithospermum carolinense* (Walt.) Mac Mill.
36074 *Lappula echinata* Gilib. 36083
36083 " *Redowskii* (Hornem.) Greene
37035 *Mertensia* n. sp. ?
37158 " *lanceolata* (Pursh) DC.
37220 ~~*Lithospermum* n. sp. ?~~ *Onosmodium occidentale* L.
37253 *Cryptantha* [*Oreocarya*] *Bradburiana* Payson
37280 *Lappula Redowskii* (Hornem.) Greene
37319 *Lithospermum angustifolium* Michx.
37355 *Mertensia lanceolata* (Pursh) DC.
37392 *Myosotis alpestris* Schmidt
37415 *Lappula Redowskii* (Hornem.) Greene
37420 *Cryptantha Bradburiana* Payson
37423 " [*Oreocarya*] *cana* (A. Nels.) Payson
37465 *Onosmodium occidentale* Mackenzie
37534 *Cynoglossum officinale* L.

April 4, 1930

Plants of E. J. Palmer

Determined by C. A. Weatherby

- ⁶⁵
37561 *Erigeon^w ramosus* (Walt.) BSP.
37652 " *pumilus* Nutt.
7 36606 " " "
35286 *Chrysogonum virginianum* L. form or var.
36071 *Cirsium plattense* (Rydb.) Cockerell
33824 " sp., not *C. altissimum*. = *C. Helleri* Small?
33936 *Rynhopappus multicaulis* DC.
37038 *Tellima parviflora* Hook.
37616 " " "

April 11, 1930.

PLANTS OF E. J. PALMER

DETERMINED BY C. A. WEATHERBY.

- | | | |
|--------|--|-------------------------------|
| 37310 | <i>Crepis occidentalis</i> Nutt. | det. I. M. Johnston |
| 33859 | <i>Rottboellia cylindrica</i> (Michx.) Chapm. | |
| 33858 | <i>Paspalum setaceum</i> Michx. | |
| 33857 | " <i>pubiflorum</i> Rupr. | |
| 33845a | <i>Panicum ciliatissimum</i> Buckl. | |
| 33845 | <i>Valota saccharata</i> (Buckl.) Chase | |
| 33844a | " " " " | |
| 35179 | <i>Tricholaena rosea</i> Nees | |
| 33876 | <i>Panicum Helleri</i> Nash | |
| 33340 | " <i>Ravenelii</i> Scribn. & Merr. | |
| 33842 | " <i>Helleri</i> Nash | |
| 33871 | <i>Tetragonotheca repanda</i> (Buckl.) Small | } det.
by
I.M. Johnston |
| 33386 | <i>Myosotis virginica</i> (L.) BSP. | |
| 37170 | <i>Cryptantha ambigua</i> (Gray) Greene, var. | |
| 33341 | <i>Panicum commutatum</i> Schultes | |
| 36081 | " <i>spretum</i> Schultes | |
| 37453 | " <i>Scribnerianum</i> Nash | |
| 37167 | " <i>perlongum</i> Nash | |
| 37600 | " <i>Wilcoxianum</i> Vasey | |
| 35235a | " <i>commutatum</i> Schultes | |
| 33885 | " <i>ciliatissimum</i> Buckl. | |
| 33879 | " " " | |
| 33884 | " <i>hians</i> Ell. | |
| 33877 | " <i>Helleri</i> Nash | (Lam.) Beauv. |
| 33842 | <i>Setaria gracilis</i> HBK. reduced by Hitchcock to <i>S. geniculata</i> A | |
| 37656 | <i>Aristida longiseta</i> Steud. | |
| 37146 | <i>Oryzopsis asperifolia</i> Michx. | |
| 37277 | " <i>micrantha</i> (Trin. & Rupr.) Thurb. | |
| 33846 | <i>Aristida</i> not recognized | |
| 36090 | <i>Stipa viridula</i> Trin. | |
| 37512 | <i>Calamagrostis purpurascens</i> R. Br. | |
| 37275 | <i>Stipa comata</i> Trin. & Rupr. | |
| 33322 | " <i>avenacea</i> L. | |
| 37262a | <i>Oryzopsis micrantha</i> (Trin. & Rupr.) Thurb. | |
| 37472 | <i>Koeleria cristata</i> (L.) Pers. (<i>K. gracilis</i> of Rydberg's Flora) | |
| 37177 | " " " " " " " " " | |
| 37262 | " " " " " " " " " | |
| 37291a | " " " " " " " " " | |
| 37195 | <i>Melica striata</i> (Michx.) Hitchc. | |
| 33379 | <i>Alopecurus geniculatus</i> L., var. <i>ramosus</i> (Poir.) St. John | |
| 37370 | <i>Melica striata</i> (Michx.) Hitchc. | |
| 37657 | <i>Festuca octoflora</i> Walt. | |
| 33839 | <i>Eragrostis secundiflora</i> Presl | |
| 33847 | " <i>capillaris</i> (L.) Nees | |
| 37166 | <i>Festuca ovina</i> L. | |
| 37424 | <i>Oryzopsis hymenoides</i> (R. & S.) Ricker | |
| 33848 | <i>Pappophorum bicolor</i> Fourn. | |
| 33874 | " <i>vaginatum</i> Buckl. | |
| 37626 | <i>Distichlis stricta</i> (Torr.) Rydb. | |
| 37315 | <i>Bromus inermis</i> Leyss. | |
| 37658 | <i>Agropyron Smithii</i> Rydb. | |
| 37573 | " ----- | |
| 37279 | <i>Sitanion strigosum</i> J. G. Sm.? | |

Plants of E. J. Palmer

April 18, 1930.
Determined by C. A. Weatherby

- 33403 *Poa arachnifera* Torr.
35996 " -----
35995 *Festuca*
37278 *Poa glaucifolia* Scribn. & Williams
33840 *Triodia albescens* (Munro) Vasey
33849 *Bouteloua texana* Wats.
37148 *Poa* ----
37118 " *nemoralis* L. sens. lat. (probably = *P. interior* Rydb.)
37409 " ----
37201 *Oryzopsis pungens* (Torr.) Hitchc.
37658a. *Bouteloua curtipendula* (Michx.) Torr.
37566 *Elymus innovatus* Beal Det. H. M. Raup
37466 *Campanula rotundifolia* L. sens. lat. (*C. petiolata* of Rydberg)
37174 " " " " "
37579 " " " " "
33880 *Specularia perfoliata* (L.) A. DC.
37208 *Collomia linearis* Nutt.
37414 " " "
37502 *Frasera speciosa* Dougl. Tentative determination; our material
of *Frasera* is out on loan. This may be var. steno-
petala Rydb.
33865 *Plantago Hookeriana* F. & M. (*P. inflexa* Morris)
33868 *Sabatia campestris* Nutt.

April 25, 1930.

Plants of E. J. Palmer

Determined by C. A. Weatherby

- 35516 *Oxalis grandis* Small
33327 " *recurva* Ell., var. *texana* (Small) Wiegand
36012 " *stricta* L.
33380 " *pilosa* Nutt., var. *Wrightii* Gray, probably
36644 *Euphorbia dictyosperma* F. & M.
33382 " *tetrapora* Engelm.
35454 " *mercurialina* Michx.
33394 *Erodium Texanum* Gray
35238 *Polygala grandiflora* Walt. toward var. *angustifolia* T. & G.
35308 *Gratiola floridana* Nutt.
35437 *Sedum ternatum* Michx.
33875 *Polygonum hydropiperoides* Michx.
33384 *Stellaria Nuttallii* T. & G.
33339 *Sagina decumbens* (Ell.) T. & G.
37564 *Cerastium viscosum* L.
37159 " *arvense* L. sens. lat. probably = *C. strictum* L. of
Rydberg's Flora
37511 " *arvense* L., sens. lat. probably = *C. campestre* Greene
37194 *Arenaria lateriflora* L.
37574 *Eriogonum flavum* Nutt.
37251 " " "
33838 *Chenopodium albescens* Small?
33971 " too young for me. Might be *C. albescens* acc. to
Standley
33726 " *albescens* Small? We have no material of this and
descriptions of it given by Small & Ryd-
berg and by Standley differ so much that
I cannot be at all sure of its identity.

Oct. 1931

Plants of E. J. Palmer

- 36887 *Puccinellia airoides* (Nutt.) Wats. & Coult.
36604 *Bromus arvensis* L.
36691 *Geum canadense* Jacq., var. *camporum* (Rydb.) Fern. & Weath.
36731 *Tragia urticifolia* Michx.
37934 *Equisetum hyemale* L., var. *californicum* Milde
37964 *Selaginella Wallacei* Hieron.
37904 *Thelypteris dilatata* (Hoffm.) House
37910 *Equisetum maximum* Lam., (E. *Telmateja* Ehrh.)
37947 *Polypodium vulgare* L., var. *occidentale* Hook. (*P. glycyrrhiza*
D.C. Eaton)
37931 *Dicentra formosa* (Andr.) Walp.
37953 *Gilia capitata* Hook.
37838 *Phacelia linearis* (Pursh) Holzinger, or near it.
37932 " *nemorialis* Greene
37921 *Stachys pubens* (Gray) Heller
37864a *Lomatium nudicaule* (Pursh) C. & R. ?
37864 " *triternatum* (Pursh) C. & R.
37865 *Angelica arguta* Nutt.
37943 *Luzula campestris* (L.) DC., var. *comosa* (E. Mey.) Fern. & Weath.
37846 *Calochortus macrocarpus* Dougl.
37963 *Brodiaea grandiflora* (Lindb.) Macb.
37955 *Delphinium Menziesii* DC.
37895 *Tiarella unifoliata* Hook.
37874 *Erigeron macranthus* Nutt.
37871 " *filifolius* Nutt.
37958 *Godetia amorna* (Lehm.) G. Don
37952 *Chelone nemorosa* Dougl.
37832 *Penstemon confertus* Dougl.
37867 *Castilleja oreopola* Greenm., var. *subintegra* Fern. ?
37925 *Mimulus moschatus* Dougl.

- 33310 Probably small *Potamogeton amplifolius* Tuckerm., but material too poor to be of much use
- 35226 *Sagittaria teres* Wats. (*S. isoetiformis* J.G.Sm.), mixed with slender *S. subulata*, var *natans*
- 37458 *Typha latifolia* L., f. *ambigua* (S)
- 33870 *Cyperus surinamensis* Rottb. form
- 33869 " *Nashii* Britton. Except in color of spikelets very like Florida material referred to this species
- 33870 " *subuniflorus* Britton. *Note repetition of this number.*
- 35310 *Carex digitalis* Willd.
- 33851 " *Brittoniana* Bailey
- 33804a " *planostachys* Kze.
- 33804 " *microdonta* Torr.
- 33812 " *Emoryi* Dewey
- 33306 " *varia* Muhl., var. *australis* Bailey (*C. physorhyncha* Liebm.)
- 33326 " " "
- 33378 " *austrana* (Small) Mackenzie
- 33296 " *anceps* Muhl.? too young *C. grisea*
- 35994 This no. is a mixture of *C. laxiflora* and *C. caroliniana* (or species of these groups). I should throw it away, as likely to cause confusion if distributed.
C.A.W.
- 35997 *Carex caroliniana* Schwein.
- 35992 " *brevior* (Dewey) Mackenzie
- 37542 " *lacustris* Willd., probably, but too young
- 36010 " *granularis* Muhl.
- 35572 " *eburnea* Boott
- 35530 " *hyalina* Boott
- 35571 " *blanda* Dewey
- 35651a " " "
- 37189 " *eburnea* Boott
- 37200 " *lanuginosa* Michx.
- 37199 " *longirostris* Torr.
- 37224 " *blanda* Dewey
- 37406 " *Rossii* Boott
- 37396 " *Richardsonii* R. Br.
- 37369 " too young
- 37356 " *interior* Bailey
- 37157 " *heliophila* Mackenzie
- 37475 " group of *C. festiva*
- 37460 " *hystericina* Muhl.
- 37594 " *blanda* Dewey, mixed with leaves of some grass.
- 37593 " *xerantica* Bailey
- 37552 " *gravidia* Bailey ?
- 37316 " *lanuginosa* Michx.
- 37090 " *eburnea* Boott
- 37089 " *Deweyana* Schwein.
- 35779 " too young
- 35689 " *Crawei* Dewey form
- 35804 " *Emoryi* Dewey
- 35786 " *blanda* Dewey
- 35277 *Pontederia lanceolata* Nutt.
- 37172 *Tradescantia bracteata* Small
- 33850 *Commelina erecta* L.
- 35405 *Luzula saltuensis* Fernald
- 37562 " " "
- 33898 *Juncus filipendulus* Buckl.

- 37322 Calochortus Nuttallii T. & G.
 37032 " " " " "
 37106 Maianthemum canadense Desf., var. interius Fernald
 37141 Allium reticulatum Fraser (A. textile Wels. & Macbr.)
 37581 Lilium philadelphicum L., var. andinum (Nutt.) Ker, (L.umbellatum
 Pursh)
 37615 " " " " " " " " "
 35294 Trillium rectistamineum (Gates) St. John
 33366 Sisyrinchium minus Engelm. & Gray
 33406 At least the large plants Sisyrinchium ensigerum Bickn., whatever
 that "species" may amount to.
 33401 Sisyrinchium varians Bickn.?
 33409 Nemastylis acuta (Bart.) Herb.
 33459 Sisyrinchium albidum Raf., f. caeruleum Farwell
 33782 " ensigerum Bickn. ?

PLANTS OF E. J. PALMER

- 33334 *Dryopteris normalis* C. Chr., var. *Lindheimeri* (A. Br.) C. Chr.
 35270 " " " "
 37215 *Cystopteris fragilis* (L.) Bernh.
 37487 Mixed no.; partly *Woodsia scopulina*, as named, partly (the
 smooth plant) *W. oregana* D.C. Eaton
 37108 *Cystopteris fragilis* (L.) Bernh.
 37069 " " " "
 37374 *Polypodium vulgare* L., var. *columbianum* Gilbert (P. *hesperium* Maxon)
 37227 *Cystopteris fragilis* (L.) Bernh.
 37331 " " " "
 37532 *Athyrium Filix-femina* (L.) Roth.
 37375 " " " " "
 37342 *Equisetum hyemale* L.?
 37347 " *sylvaticum* L., var. *pauciramosum* Milde, f. *multiramosum* Fern
 33362 *Isoetes melanopoda* J. Gay
 35670 " *Butleri* Engelm.
 35268 *Selaginella ludoviciana* A. Br.
 37344 *Athyrium Filix-femina* (L.) Roth
 37385 " " " " "
 37387 " " " " "
 33364 *Selaginella Riddellii* Van Eseltine
 37134 *Equisetum arvense* L.
 37058 " *kansanum* Schaffn.
 37126 *Pellaea glabella* Mett., var. *occidentalis* (E. Nelson) Butters
 36187 *Thelypteris spinulosa* (O.F. Muell.) Nieuwl., var. *intermedia* (Muhl.)
 Nieuwl.

PLANTS OF E. J. PALMER

DETERMINED BY C. A. WEATHERBY

- 33375 *Phlox Drummondii* Hook.
- 33402 *Heliotropium amplexicaule* Vahl. A South American species, presumably introduced in Texas. Det. Johnston
- 37261 *Phlox andicola* (Britton) E. Nels.
- 37006 " " " " "
- 35267 " *pilosa* L., toward var. *detonsa* Gray
- 33972 *Phacelia Popei* T. & G.
- 35481 *Saxifraga virginensis* Michx.
- 35502 " " "
- 35385 Not *Saxifraga micranthidifolia*; but I don't know what it is.
- 35506 *Tiarella cordifolia* L., f. *parviflora* Fernald

- 36068 *Penstemon albidus* Nutt.
 36069 36067 " " "
 36037 " -----
 36077 " *albidus* Nutt.
 36647 " -----
 37241 " *glaber* Pursh
 35545 " *Mackayanus* Kn. & Westc.
 35499 " *hirsutus* (L.) Willd.
 35236 " *australis* Small
 37022 " *grandiflorus* Nutt.
 35488 " *hirsutus* (L.) Willd.
 35175 " *australis* Small
 33320 " *Mackayanus* Kn. & Westc.
 36039 " *Digitalis* Nutt.
 33974 " *Fendleri* T. & G.
 37592 " *gracilis* Nutt.
 37470 " " "
 37309 " " "
 37605 " *grandiflorus* Nutt.
 37001 " " "
 37432 *Veronica catenata* Pennell
 33369 *Mecardonia peduncularis* (Benth.) Small. I don't know whether
 the genus *Mecardonia* would be accepted by conservative
 systematists; but this combination has not been made under
Bacopa
 37527 *Mimulus guttatus* DC.
 37607 " " "
 37156 *Wulfenia wyomingensis* A. Nels.
 37599 *Scrophularia lanceolata* Pursh
 37633 " " "
 36078 *Castilleja* -----
 27101 (should be 37101?) *Castilleja* -----
 37577 *Castilleja sessiliflora* (Pursh) Spreng.
 37320 " " "
 33816 " *Lindheimeri* Gray

- 36258 *Liatris spicata* (L.) Willd. form
36264 *Aster dumosus* L., var. *strictior* T. & G.
36255 *Solidago ohioensis* Riddell
36245 *Gentaurea Calceitrapa* L.
36167 *Senecio viscosus* L.
36168 *Solidago latifolia* L. luxuriant state
36188 *Agropyron caninum* (L.) Beauv.
36125a *Butomus umbellatus* L.
37427 *Descurainia Sophia* (L.) Wetts.
37490 *Draba nemorosa* L.
36099 *Erysimum asperum* DC.
37134a " " "
37257 " " "
36075 Not *Hesperis matronalis*. Without fruit I cannot place it satisfactorily.
35298 *Sanguinaria canadensis* L., var. *rotundifolia* (Greene) Fedde
37236 *Arabis hirsuta* (L.) Scop.
37545 " *retrofracta* Grah.
27308 " *hirsuta* (L.) Scop. Is number correct?
37283 *Descurainia intermedia* (Rydb.) Daniels
37546 *Draba aureiformis* Rydb.
33411 *Lesquerella recurvata* (Engelm.) Wats.
37175 " *arenosa* (Richards.) Rydb.
37016 " " " "
33861 " *grandiflora* (Hook.) Wats.
37070 *Geranium Richardsonii* Fisch. & Trautv.
36175 *Lobelia Kalmii* L.
33381 *Roripa obtusa* (Nutt.) Britton
35487 *Leavenworthia stylosa* Gray
37164 *Arabis setulosa* Greene ?



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