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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Cambridge

Ms.

Charles E. Bessey

BOTANIC GARDEN OF HARVARD UNIVERSITY,

CAMBRIDGE, MASS. Mar. 29 1884

Prof. C. E. Bessey,

Dear Sir: I enclose you
a couple catalogues. Can you
just mention it in the Naturalists.
It contains, I believe, the
latest authentic nomenclature,
also a number of reductions
by myself.

Yours &c,

L. H. Bailey, Jr.

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Single copies Five Cents; Fifty cents per dozen.

Botanic Gardens,
Cambridge, Mass., April 1, 1884.

Canis
K.A.

LIBRARY OF THE
BOTANIC GARDEN OF HERBARIUM, BOSTON

A CATALOGUE
OF
North American Carices.

COMPILED AS AN
*Exchange List, a Check List for Herbaria,
and as a contribution to American
Caricography.*

By L. H. BAILEY, Jr.

This is the first attempt yet made towards a complete Catalogue of the North American species of Carex. A genus so extensive, so naturally defined, and so often independently studied, deserves a special catalogue. The distribution of each species is indicated in a general way. *Th.*, indicates that the species is generally distributed, at least throughout the United States; *N. S.*, North States, includes the territory covered by Gray's Manual; *S. S.*, that covered by Chapman's Flora; *E. S.*, that covered by both these works; *Ry. Mts.*, Rocky Mountains; *Br. Am.*, refers to the territory lying north and north-west of Lake Superior; *Al.*, to Alaska, and *Ar. Am.*, to Arctic America; *N. S. and N.*, North States and north; *Or. and N.*, Oregon and north, etc.; the remaining references, being the abbreviated names of states and territories, require no explanation.

This list includes two hundred and ninety-three species and eighty-four varieties.

Exchanges (and notes) in Carex, especially western species, either named or unnamed specimens, and in other Cyperaceæ, are solicited. Copies of this Catalogue will be given for desiderata.

Single copies Five Cents; Fifty cents per dozen.

Botanic Gardens,
Cambridge, Mass., April 1, 1884.

CAREX.

- acrolepis, Liebm. *Mez.*
 acuta, Linn. *Al. ? Greenland.*
 var. pallida, Boott. *Or.*
 acutata, Boott. *Ariz.*
 acutiformis, Ehrh. *Mass., Col. and N.*
 (*C. patulosa*, Good.)
 adusta, Boott. *N. S. and N. to Cal.*
 var. argyrantha, N. S.
 brunea, *Or.*
 congesta, W. Boott. *Cal.*
 glomerata, Can., *Me.*
 minor, Boott. *Br. Am., Cal.*
 sparsilora, Can., *Or.*
amatorhyncha, Desf.: see *filiformis*.
 aestivalis, M. A. Curtis. *E. S.*
 alata, Torrey: referred to *straminea*.
 alopecoidea, Tuckerm. *N. S.*
 alpina, Swartz. *Br. Am., Ry. Mts.*
 var. nigrescens, Anders. *Col.*
 alveata, Boott. *La., Tex.*
 ambusta, Boott.: referred to *salina*.
 amplifolia, Boott. *Cal., Or., Idaho.*
 ampullacea, Good. *Ry. Mts. and N., Or.*
 angustata, Boott. *Th. (C. stricta, Lam., of authors.)*
 var. verticillata, Boott. *Or.*
 xerocarpa, N. Y.
 anisostachys, Liebm. *Mez.*
 aperta, Boott. *N. S., Or.*
 var. minor, Olney. *Can.*
 aquatilis, Wahl. *N. S. and N., Ry. Mts.*
 var. minor, Boott. *Or., Arc. Am.*
 (*C. borealis*, Lange. *C. stans*, Drej.)
 arcta, Boott. *Fl., Can. and W.*
 areolata, Boott. *N. S.*
 arenaria, Linn. *Va. (Introd.)*
 arida, Schw. & Torr. *N. S., Cal.*
 aristata, R. Br. *E. S. and N., Ry. Mts.*
 athrostachya, Olney. *Cal. to Cal.*
 atrata, Linn. *N. H., Arc. Am., Ry. Mts.*
 var. erecta, W. Boott. *Cal.*
 nigra, Boott. *Cal., Ry. Mts.*
 (*C. nigra*, Allioni.)
 ovata, Boott. *Ry. Mts.*
 aurea, Nutt. *Th.*
 Backli, Boott. *N. S., Br. Am.*
 Balzicelli, Chapman. *Fla.*
 Barrattii, Schw. & Torr. *N. J., Del., S. S.*
 Bebbii, Olney: referred to *lagopodioides*.
 bicolor, All. *Labrador and N.*
 bicostata, Olney. *R. I.*
 bifida, Boott. *Cal.*
Bigelovii, Torr.: see *vulgaris*.
 Bolanderi, Olney: see *Deweyana*.
 Bongardiana, Meyer. *Or. and N.*
 Bonplandii, Kunth, var. *angustifolia*, Boott.
Rocky Mts., California.
 Boottiana, Benth. *S. S.*
 borealis, Lange: see *aquatilis*.
 brevis, W. Boott.: see *globosa*, Boott.
 Breweri, Boott. *Cal., Or.*
 bromoides, Schk. *Th.*
 bullata, Schk. *E. S.*
 (*Including C. Olneyi*, Boott.)
 Buxbaumii, Wahl. *Th.*
 caespitosa, Linn. *Or. and N., Greenland.*
 var. filifolia, Boott. *Arc. Am.*
 canescens, Linn. *N. S. and N., Col., Cal.*
 var. vitilis, Carey. *E. S.*
 capillaris, L. *N. H., Arc. Am., Ry. Mts.*
 capitata, L. *White Mts. and N.*
 Careyana, Torr. *N. S., Or.*
 Caroliniana, Buckley. *S. C.*
 cephaloidea, Boott. *N. S.*

- C. cephalophora, Muhl. *E. S.*
 var. angustifolia, Boott. *La. and W., Ry. Mts.*
 Cherokeeensis, Schw. *S. S., Tex., Cal.*
 chlorocarpus, Liebm. *Mez.*
 chordalis, Liebm. *Mez.*
 chlorochiza, Ehrh. *N. S. and N.*
 cinnamomea, Olney. *Cal.*
 circinata, Meyer. *Alaska.*
 cladostachya, Wahl. *Mez.*
 (*C. Hartwegii*, Boott. and *Mexicana*, Presl.)
 comosa, Boott.: see *Pseudo-Cyperus*.
 compacta, R. Br. *Arc. Amer.*
 concinna, R. Br. *Arc. Amer.*
 conjuncta, Boott. *N. S.*
 conoidea, Schk. *E. S.*
 Cortesii, Liebm. *Mez.*
 Crawley, Dew. *N. S., Br. Am.*
 crinita, Lam. *E. S., Tex.*
 var. gynandra, Schw. & Torr. *N. S.*
 cristata, Schw. *N. S. and N., Or.*
 var. mirabilis, Boott. *N. S., Or.*
 crus-corvi, Shutt. *E. S., Tex.*
 cryptandra, Schw. *Tex.*
 cryptocarpa, Meyer. *Or. to Al.*
 dasycarpa, Muhl. *S. S.*
 Davisii, Schw. & Torr. *E. S. to Ind. T. y.*
 debilis, Mx. *E. S., Br. Am.*
 var. pubera, Carey. *Pa.*
 decidua, Boott. *Cal., Or.*
 decomposita, Muhl. *E. S.*
 Deweyana, Schw. *N. S. and N., Ry. Mts., Or.*
 var. Bolanderi, W. Boott. *Cal., Or.*
 (*C. Bolanderi*, Olney.)
 dichroa, Anders. *Greenland.*
 digitalis, Willd. *E. S.*
 var. glauca, Chapm. *S. S.*
 dioica, Linn. *Greenland.*
 disticha, Huds. *N. S. and N., Ry. Mts., Cal.*
 Douglasii, Boott. *Ry. Mts., Cal.*
 var. brunea, Olney. *Cal., Mex.*
 eburnea, Boott. *N. S., Br. Am., S. W. States.*
 echinata, Murr. *N. S. and N., Cal.*
 (*C. stellulata*, Good. (L.))
 var. angustata, N. Y.
 conferta, N. J. and S.
 microcarpa, Boeck. *Th.*
 (*var. scirpoides*, Carey.)
 Elliottii, Schw. & Torr. *S. S.*
 elongata, Linn. *Ry. Mts. and N.*
 Emmonsii, Dew. *E. S. and N., S. W., Or.*
 var. elliptica, Boott. *N. S., Arc. Am.*
 exilis, Dew. *N. S.*
 extensa, Good. *Long I'd., Va., Mez.*
 festiva, Dew. *Arc. Am. to N. Mez. and S.*
 var. gracilis, Olney. *Cal.*
 Haydeniana, W. Boott. *Cal., Utah.*
 filifolia, Nutt. *Col. to Cal., Br. Am.*
 var. valida, Boott. *Col.*
 filiformis, L. *N. S., Arc. Am.*
 var. amatorhyncha, W. Boott. *Cal., Utah.*
 latifolia, Boeck. *N. S. to Cal.*
 (*C. lanuginosa*, Michx.)
 flaccosperma, Dew. *Pa., S. S., Tex.*
 flava, L. *N. S. and N.*
 flexilis, Rudge. *N. S. and N.*
 Floridana, Schw. *S. S.*
 fovea, Willd. and rare: see *straminea*.
 foetida, All. *Col. and W. to Cal.*
 folliculata, Linn. *E. S.*
 formosa, Dew. *N. S.*
 Franklinii, Boott. *Ry. Mts.*
 Fraseriana, Sims. *Va., Tenn., N. C.*
 frigida, All. *Utah, Or., etc.*
 fuliginosa, Sternb. & Hoppe. *Arc. Am.*
 fulva, Good. *Mass. (Introd.)*
 var. Hornschuchiana, Boott. *Cal., Newf'd.*

- C. Galeottiana, C. A. Meyer. *Mexico*.
 Gayana, Desv. *Ry. Mts., Cal.*
 Geyeri, Boott. *Cal. to Cal. and N.*
 gigantea, Rudge. *Del. to Tex.*
 glabra, Boott. *N. S.*
 glareosa, Wahl. *Arc. Am.*
 var. ursina, *Arc. Am.*
 glaucescens, Ell. *S. S., Tex.*
glaucoidea, Tuckerm. referred to grisea.
 globosa, Boott. *Cal.*
 var. brevipes, W. Boott. *Cal.*
 glomerata, Thunb. *Cal., Mex.*
 Gmelini, Hook. *Or. to Al.*
 gracillima, Schw. *E. S., Br. Am.*
 Grahamii, Boott. *Utah, Col.*
 granularis, Muhl. *N. S., Br. Am.*
 Grayii, Carey. *E. S.*
 grisea, Wahl. *E. S., Tex., Utah.*
(Including C. glaucoidea, Tuckerm.)
 var. angustifolia Boott. *Fla., La.*
 minor, Olney. *Tex.*
 gynandra, Scher. *see crinita.*
 gynocrates, Wormsk. *N. S. and N., Ry. Mts.*
 gynodynamia, Olney. *Cal.*
 Haleana, Olney. *referred to granularis.*
 Halei, Carey. *Fla. to Tex.*
 var. minor, Boott. *Fla. to Tex.*
 Halleriana, Asso. *Tex., Mex.*
 Hallii, Olney. *Oregon.*
 heleonastes, Ehrh. *Arc. Am., Ry. Mts.*
 helvola, Blitt. *Ry. Mts.*
 heteroneura, W. Boott. *Cal.*
 Haydeniana, Olney. *see festiva.*
 hirsuta, Willd. *see triceps.*
 hirta, Linn. *Philis. (Introd.)*
 hirtissima, W. Boott. *Cal.*
 hispida, Willd. *Arizona.*
 Hitchcockiana, Dew. *N. S.*
 holostoma, Drej. *Greenland.*
 Hoodii, Boott. *Cal., Or. and N.*
 Hookeriana, Dew. *see muricata.*
 Hornschuchiana, Hoppe. *see fulva.*
 Houghtonii, Torr. *N. S. and N., Br. Am.*
 hyperborea, Desv. *see vulgaris.*
 hystrix, Willd. *E. S., Ariz., N. Mex.*
 incurva, Light. *Arc. Am., Ry. Mts.*
 Intumescens, Rudge. *E. S., Tex.*
 Invisa, W. Boott. *Me. to Mass.*
 irrigua, Smith. *N. S. and N., Ry. Mts.*
 Jamesii, Torr. *W. States.*
 Juncea, Willd. *N. C., Ga.*
 Juncella, Fries. *see vulgaris.*
 Kelloggii, W. Boott. *Cal., Utah.*
 Kuleskernii, Dew. *N. Y., Lake Sup'r.*
 Kunzei, Olney. *Oregon.*
 laciniata, Boott. *Cal., Or.*
 laevigata, Smith. *Mass. (Introd.)*
 laevirostris, Fries. *Cal.*
 lagopina, Wahl. *Arc. Am., Cal.*
 lagopodioides, Schk. *E. S., Tex., Cal.*
 var. miculiformis, Olney. *N. S.*
 lamuginosa, Mz. *see filiformis.*
 laxiflora, Lam. *E. S., Tex.*
 var. blanda, Boott. *N. States.*
 intermedia, Boott. *N. States.*
 latifolia, Boott. *N. States.*
 plantaginea, Boott. *E. S., Cal. and N.*
 stylohexa, Boott. *N. J., S. S., Tex.*
 lelocarpa, Meyer. *W. Arc. Am.*
 lelorthyncha, Meyer. *W. Arc. Am.*
 Lemmonii, W. Boott. *Cal., Ariz.*
 lenticularis, Mx. *N. S. and N., Ry. Mts.,*
and N. W.
 leporina, L. *Boston (Introd.), Ry. Mts. and N.*
- C. Liddoni, Boott. *Can. and N., Ry. Mts.*
 limosa, Linn. *N. S. and N., Or.*
 linula, Fries. *see vulgaris.*
 livida, Willd. *N. S. and N., Cal.*
 longirostris, Torr. *N. S., Br. Am., Ry. Mts.*
 lupulina, Muhl. *E. S., Tex., etc.*
 var. polystachya, Schw. & Torr. *N. S.*
(C. lupuliniformis, Sartwell.)
 Luzulefolia, W. Boott. *Cal.*
 luzulina, Olney. *Cal.*
 Lyallii, Boott. *Cascade Mts.*
 Lyonii, Boott. *Rky. Mts.*
 macrocephala, Willd. *Wash. T. y. and N.*
 marida, Boott. *Ry. Mts., Cal., Or.*
 maritima, Müller. *Mass. and N.*
 Meadli, Dew. *E. S., Br. Am.*
 melanocarpa, Cham. *Al.*
 melanosperma, Liebm. *Mex.*
 Mendocinensis, Olney. *Cal.*
 Mertensii, Presc. *Cal., Or. and N.*
 microdonta, Torr. *Tex.*
 microglochlin, Wahl. *Greenland.*
 micropoda, Meyer. *Or. and N.*
 miliacea, Muhl. *E. S.*
 millaris, Mx. *Me. and N. (C. rotundata of*
Manual.)
 Mitchelliana, M. A. C. *N. C.*
 monile, Tuckerm. *N. S. and N., Ry. Mts., Cal.*
 monosperma, Macoun. *Canada.*
 Muhlenbergii, Schk. *E. S., Tex.*
 var. australis, Olney. *E. S.*
 enervis, Boott. *N. Y., Mass.*
 muricata, L. *N. S., Ry. Mts., Or.*
 var. gracilis, Boott. *Ry. Mts., Cal.*
(C. Hookeriana, Dewey.)
 nardina, Fries. *Ry. Mts., Or., Arc. Am.*
 nigella, Boott. *Columbia River.*
 nigra, All. *see atrata.*
 nigricans, Meyer. *Ry. Mts., Or. and N.*
 nigro-marginata, Schw. *N. J., Del. and S.*
 Norvegica, Schk. *Me. and N.*
 Novae-Angliae, Schw. *E. S., Arc. Am.*
 nudata, W. Boott. *Cal.*
 obscura, Mx. *Ry. Mts., Arc. Am.,*
var. minor, Boott. Ry. Mts. and N.
(C. supina, Wahl.)
 obtusata, Lilj. *Ry. Mts. and N.*
 Oederi, Ehrh. *N. S. and N., Ry. Mts.*
 Orstedii, Liebm. *Mexico.*
 oligocarpa, Schk. *N. S.*
 oligosperma, Mx. *N. S. and N., Br. Am.*
 olivacea, Liebm. *Mexico.*
 Olneyi, Boott. *referred to bullata.*
 oxylepis, Torr. & Hook. *Fla. to Tex.*
 pallidescens, Linn. *N. S. and N.*
 patulosa, Good. *see acutiformis.*
 panicca, Linn. *N. S., near the coast.*
 paniculata, Linn. *Cal.*
 Parryana, Dew. *Cal. to Arc. Am.*
 pedata, Wahl. *Greenland.*
 pedunculata, Muhl. *N. S. and N.*
 Pennsylvanica, Lam. *E. S., Ry. Mts., Or.*
 personata, Fries. *Cal.*
 petricosa, Dew. *Rky. Mts.*
 phyllomanica, W. Boott. *Cal.*
 physocarpa, Presl. *N. W. Coast (Ry. Mts.?)*
 physorhyncha, Liebm. *Mex.*
 plantaginea, Lam. *E. S., Ry. Mts.*
 platyphylla, Carey. *N. S.*
 podocarpa, B. Br. *Cal. to Al.*
 polymorpha, Muhl. *N. S., Cal.*
 polystachya, Swartz. *Jamaica.*
 polytrichoides, Muhl. *E. S., Ry. Mts.*
 Porteri, Olney. *referred to crinita.*
 precox, Jacq. *Mass. (Introd.)*

- C. *prairiea*, Dew. see *terrestris*.
Prescottiana, Boott. Cal.
Pseudo-Cyperus, Linn. N. S., Br. Am.
 var. *comosa*, W. Boott. E. S., Cal., Or.
 (C. *comosa*, Boott.)
pubescens, Muhl. N. S.
pulla, Good: see *saxatilis*.
Purshii, Olney: referred to *tentaculata*.
Pyrenaea, Wahl. Ry. Mts., Cal. to Ill.
Racana, Boott. Br. Am.
rariflora, Smith. N. U. S., Arc. Am.
Raynoldsii, Dew. Cal., Ry. Mts.
remota, Linn. New F'd. Alaska.
retrocurva, Dew. E. S.
retroflexa, Muhl. E. S., Tex.
retrorsa, Schw. N. S., Br. Am., Or.
 var. *Hartii*, Carey. N. S.
Richardsonii, R. Br. N. S., Arc. Am., Cal.
rigida, Good: see *vulgaris*.
riparia, Curtis. E. S. and N., Or.
rosea, Schk. E. S., Oregon.
 var. *minor*, Boott. E. S.
 var. *radiata*, Dew. E. S.
Rossii, Boott. Ry. Mts., Or.
rostrata, Mx. N. S. and N.
rotundata, Wahl. Alaska?
rotundata of Manual: see *miliaris*.
ruftus, Desj. Greenland.
rupestris, All. Ry. Mts., Arc. Am.
 var. *Drummondiana*, Ry. Mts.
salina, Wahl. Northern Coasts.
 var. *ambusta*, Alaska?
 minor, Boott. Cal., Arc. Am.
Sartwelliana, Olney. Cal.
saxatilis, L. N. Me., Arc. Am. (C. *pulla*, Good.)
scabrata, Schw. E. S.
scabrella, Wahl. W. Ind.
Schaffneri, W. Boott. Mex.
Schledeana, Kunze. Mex.
Schottii, Dew. Cal.
Schweinitzii, Dew. N. S.
scirpoides, Mx. N. S. and N., Ry. Mts.
scirpoides, Schk. E. S., Arc. Am.
 var. *fulva*, W. Boott. Cal., Or.
 minor, Boott. N. S. and N.
sempervirens, Vill. Oregon?
serita, Boott. Cal.
serotodens, W. Boott. Cal.
Shortiana, Dew. N. S. and S. W.
alcata, Dew. N. S., Ry. Mts., Cal.
silicea, Olney: referred to *straminea*.
Sitchensis, Presc. Cal. and N.
Smithii, Porter: referred to *triceps*.
sparganioides, Muhl. E. S.
 var. *minor*, Boott. E. S.
spilocarpa, Steud. Mex.
squarrosa, Linn. E. S. and S. W.
stellulata, Good, and var.: see *echinata*.
stenolepis, Torr. E. S. and S. W.
stenophylla, Wahl. Arc. Am., Ry. Mts.
sterilis, Willd. E. S., Tex., Cal.
Steudeli, Kunth. E. S.
stipata, Muhl. Th., except Cal.
straminea, Schk. E. S. and N., Tex., N. Mex.
 (Including vars. *aperta*, *festucacea*, *tenera*, Boott.)
 var. *alata*, E. S., Texas and W.
 (C. *alata*, Torr., and C. *Wrightii*, Olney.)
chlorostachys, Boeck. E. S., Tex., Mex.
 (C. *foenea*, Willdenow.)
congesta, Boott. Cal.
Crawei, Boott. N. S. (Including var.
Meadii, Boott.)
 var. *silicea*, Coasts, N. E. States.
 (C. *foenea*, var. *subulatum*, Carey.
 C. *silicea*, Olney.)
striata, Michx. E. States.
stricta, Lam: see *angustata*.
styliza, Fries. Alaska.
stylifera, Buckley: see *laxiflora*.
stylosa, Meyer. Arc. Amer.
subfusca, W. Boott. Cal., Nee.
subulata, Michx. E. S.
Sullivantii, Boott. N. S.
supina, Wahl: see *obesa*.
synchocephala, Carey. N. S.
tenax, Chapm. Florida.
tenella, Schk. Th., except S. S.
tenera, Dew: see *straminea*.
tentaculata, Muhl. E. S.
 var. *altior*, Boott. N. S.
 var. *gracilis*, Boott. N. S.
tenufflora, Wahl. N. S. and N.
tenulrostris, Olney. Wyoming.
teretiuscula, Good. N. S.
 var. *major*, Koch. N. S., Cal.
ramosa, Boott. N. S. to Or.
 (C. *prairiea*, Desney.)
tetanea, Schk. E. S. and N., Tex.
Tolmieri, Boott. Or. and N.
Torreyi, Tuckerm. N. S., Ry. Mts.
tortia, Boott. E. States.
 var. *composita*, Porter. E. S.
triceps, Mx. E. S., Tex. (C. *hirsuta*, Willd.)
trichocarpa, Muhl. E. S., Br. Am.
 var. *imberbis*, Carey. N. S., Ry. Mts., Cal.
triquetra, Boott. Cal.
triperna, Dew. N. S., Br. Am.
tuberculata, Liebm. Mexico.
Tuckermanii, Boott. N. S.
turbinata, Liebm. Mexico.
turfoea, Fries: see *vulgaris*.
turgescens, Torr. S. States.
umbellata, Schk. N. S., Ry. Mts. and N.
urina, Dew: see *glauca*.
utriculata, Boott. N. S., Ry. Mts., Cal.
 var. *minor*, Sartwell. N. S.
virginata, Tausch. N. S., Ry. Mts.
vallicola, Dew. Cal., Idaho.
varia, Muhl. E. S., Br. Amer.
 var. *Arizona*, n. var. Ariz.
 minor, Boott. E. S.
Vaseyi, Dew. N. States.
venusta, Dew. S. States.
verrucosa, Ell. S. States.
vesicaria, Linn. Cal., Or.
 var. *lanceolata*, Olney. Cal. and N. (var. b, B'tt.)
 var. *obtusisquamis*, Cal. (var. c, W. B'tt.)
vestita, Willd. E. States.
virescens, Muhl. E. S. and S. W.
 var. *elliptica*, Olney. N. S.
viridis, Jungh. Mexico and S.
vitilis, Fries: see *canescens*.
vulgaris, Fries. N. S., Ry. Mts., Arc. Am.
 var. *alpina*, Boott. Cal.
hyperborea, Boott. N. S. and N., Ry. Mts.
 (C. *hyperborea*, Fries. C. *rigida*, var.
Bigelovii, Tuckerm. C. *limula*, Fries.)
juncea, Fries. Utah.
turfoea, Boott. Colorado.
vulpinoides, Mx. E. S., Br. Am., N. W. Coast.
 var. *platycarpa*, Gay. E. S.
Watsoni, Olney. Nevada.
Whitneyi, Olney. Cal.
Willdenovii, Schk. E. S.
 var. *pauciflora*, Olney. Tex.
Wrightii, Olney: referred to *straminea*.