

6112, 6071. *Aira caespitosa* Linn.

fide Cal. Munro.

- *Aira elongata* no number

- 6073. *Aira danthonioides* Trin

4758 } loose
4744 } compact panicle form of *Trisetum cernuum* Trin

- 5019. *Trisetum subspicatum*

var. *muticum* Bol.

There seems to be but little doubt that these sp.
must be referred to this species.

- 6104. *Danthonia sericea* Nutt.

- 4705. *Poa brevifolia* Muhl.

6113. *Stropis Californica* Munro

5073, 5068, 5076 *Poa alpina*

- 6115. *Poa sylvestris* Dug

older specimens agree very well with those
sent to me by Dr. Engelm.

6014. *Poa leptocoma*

6126. *Eragrostis poaeoides* var.
megastachya Beauv. Link

- 6125. *Eragrostis pilosa* Beauv.

- 6074 *Brizopyrum Douglasii* Hook.

5026 *Glyceria pauciflora* (6111)

6108 " " *fluitans*

Bolander's list of grasses.

6070 *Hierschloa macrophylla* Thurb.

Col. Munro declares it to be borealis.

4840. *Panicum dichotomum* L.

6127 *Panicum sanguinale* L.

4802. *Stipa setigera* Presl. fide Col. Munro

Studell's description agrees with it as
perfect as it could be expected from any
descript. Prof. Thurb. however calls it *St.*
eminens Cav. (see my sets publ. before)

5020, 5038. *Stipa occidentalis* Thurb.

6469, 6109, 5078, 6099, 4865, 6469, 4692 =

Stipa viridula Trin.

It is possible that a more lengthened examination
might be able to find some constant differences

6116. *Stipa Richardsonii* Link ???

6097. *Stipa Kingii* Bol. sp. nov.

In honor of Clarence King my gallant
chief in the exp. of 1866 across the Sierras

6096. *Vilfa* (Sporol) *ramulosa* HB

6095 *Vilfa* (" ") *asperifolia* Nees et Mey.

4836 *Vilfa arisides* Trin

6092 *Vilfa depauperata* Torr

6124 *Vilfa*

6091 *Vilfa* (Sporobolus)

{ both are since years
in the hands of Prof.
Thurb. seem to be new.

6472. *Agrostis canina* Lin. ?

The flowers of my specimens are larger than in the sp. I propose from other parts of the world.

5070 *Agr. exarata* Trin. Alpine form.

6105, 6078, 6079. 658 of Breuer and my No 42 No 5, 30, 18. if my Grp-sets belong to *Agrostis exarata* Trin. This sp. includes *Agrostis microphylla* Steud.

6102. *Agrostis Hillebrandii* Thurb. sp. nov.

4801. No 42 of sets *Agrostis pallida* DC. fide Thurb. Cal. Munro makes it *Agr. virescens* and *Mexicana* HB. I have carefully compared different descriptions Steud's and Thunberg's in his Suppl. both are at variance in some important points. Prof. Thunberg's determination I like better though my Europ. specimens are much smaller.

6465 *Agr. pallida* DC.

6465. b. same, but awnless.

6103. *Agrostis vulgaris* Willd

6107, 6106, 4842 *Agrostis scabra* Willd

4954. Seems to be a seedling state of *Agr. vulgaris*.

5064 *Agrostis*

I shall leave this to you to decide

6466. *Agrostis*

May be omitted until I can procure better specimens.

6093. *Muhlenbergia gracilis* Trin

6090 *Erina arundinacea* or *pendula* Trin.

6082 *Polygou Monopolium* Desf.

6083 *Pastidium australe* Beauv.

6094 *Vaseya comata* Thurb.

6084, 4762 *Calamagrostis Aleutica* Bong

6098 *Calamagr. Breweri* Thurb.

6470, 5071 Cal. *Sylvatica* Du

6088, 6087 *Calamagr. Canadensis* Michx.

Calam. stricta not numbered but occurs in Yosemite V. and the higher Sierras

6471. *Calamagr. reptans* like to *varia*

4787, 4766 *Calamagrostis Lapponica* Trin

- Glyceria arifides* Thurb. 5044. 6114.
 " " *versata* not numbered
Lophochlaena Californica Nees 6075
Melica imperfecta Trin. 6076
 " " " *pauciflora* Nutt. 6119 or 6120
 This form was also collected on Mt. Dana
Melica pauciflora var. *inflata* Bol. 6121
Melica pauciflora var. *bromoides* Bol. ^{versata} 6119
Melica pauciflora var. *geminata* Bol. 4698
Melica stricta Bol. Num. 47 of sets
Melica pauciflora var. *brevi-aristata* Bol
 (my number 53 of sets)
 Ferdinand Humboldt Co. 67, also at Santa Cruz
 Cal. Munro considers this a new sp. of *Melica*
 and Prof. Thurb. left it undetermined.
 4861. *Melica aristata* sp. nov.
 6118 *Pectis microstachys* var. *ciliata*
 6073. " " " *pauciflora* Thunberg
 6100, 5067. 5066. *Pect. violacea* Gand. ??
 6085. *Elymus condensatus* Presl.
 6080 " " *Sibiricus* L.
 5023. *Triticum caninum* Schreb.
 6110 " " " *repens* mixed with *T. aeolopoides* Turcz.

ms. 6468. *Triticum aegilopoides*
could it be *T. divergens* of Dougl.

A *Lepturus* and a *Festuca* are left so far undetermined. The *Festuca* has been in the hands of Prof. Thurb., Vreones said it was new. It is the last *Festuca* in my sets and 4704 of late. Consequently *Lepturus* is the only one for me to determine.

Enclosed I send you a few specimens of an *Agrostis* collected 1865 at Auburn on dry hills and sent to Prof. Thurb. who never acknowledged the receipt. It is beyond a doubt. *Ag. arachnoides* Eel, when compared with specimens from Dr. Engelm. collected in Ariz. Cal.

I wish to say yet that I will continue to study the grasses until I am satisfied with my own work.

Please command freely

Yours
most sincerely
Henry Bolander

Enumeration of H. St. Bolander's Grasses.

I have copied Bolander's list & added my own notes, so that you can have them both together. My talk is always in brackets - The numbers (H. St.) I have seen are marked!

6070! Hierochloa macrophylla Thurb. [in Report of Cal. Geol. Survey, in Ed.]

Col. Munro declares it to be fovealis.
[This seems to me to be a distinct species, as aside from the very large leaves (12-18' long & 4"-6" wide) the glumes are always 3-nerved, & greenish (never brown) very obtuse and rarely exceeding the sterile florets, which are notched at the broad apex & often mucronate. Should be compared with H. fovealis -] repens, Host, which is generally referred to H. fovealis -]

Redwoods, Marin Co.

4840! Panicum dichotomum, Trin. Yosemite Valley

6127! Panicum parquinianum, Trin.

4802. Stipa setigera Benth. fide Col. Munro.
Stendel's description agrees with it as perfect as it could be repeated from any descript. Prof. Thurber calls it S. Eminens. Cav (see my sets publ. before.)

[I find no 4802 in either Brewster's set or in that of the State Survey. In the latter set are very fine specimens of S. setigera, with the copious panicle beautifully tinged with purple; these have no number & are marked "Stipa Eminens, Monte del Diablo 9/4". I have not his previously published set of grasses and do not know what I there called S. Eminens. The chief distinction between the two is that S. Eminens has the panicle hairy all over & the other only partially so -]

5020! 5038! Stipa occidentalis Thurb. [in Report of Cal. Geol. Survey, in Ed.]

[A very distinct species with a plumose awn, which I first met with among the grasses of the U. S. Expl. Expedition, from Oregon.] Yosemite Trail alt. 8000 ft.

6469. 6109. 5078. 6099. 4865. 4692. Stipa viridula, Trin.
It is possible that a more lengthened examination
might be able to find some constant differences.
[Some of the specimens have a very slender and
much elongated panicle, but I think them all rightly
referred] Yosemite Valley & Big-tree Grove.
6116. Stipa Richardsonii Barts ??? S. Sibirica

[The contracted panicle, long upper palea, caducous
awn & short vaginæ do not agree with the descrip-
tion of S. Richardsonii, but do with that of S. Sibirica
Savarnick. I have no specimens of either. Please
compare, also with Ledeb. Icon. Flor. Altai. t. 99]

Mono Pass. Alt. 8000 ft.
6097. Stipa Kingii, Bwl. sp. nov.
In honor of Clarence King my gallant chief in the
Exp. of 1866 across the Sierras.

[A very pretty little species, allied to S. muscronata
but distinct] Upper Tuolumne Meadows, Alt. 9,700 ft.

6096. Vilfa (Sporob.) ramulosa HBK.
[Sporobolus ramulosus Kunth] Mono Lake.

6095. Vilfa (Sporob.) asperifolia, Nees & Mey.
[Sporobolus asperifolius Nees & Mey., with smoother
foliage than I have before seen] Mono Lake.

4836. Vilfa cilioides Trin.
[Sporobolus cilioides Torr.] San Joaquin Valley.

6092. Vilfa depauperata Torr.
[The form labelled by Nutt. in Herb. Acad. Sporobolus
nudus.] Yosemite Valley.

6091. Vilfa (Sporobolus) = V. gracillima n. sp.

[Vilfa depauperata Torr. var. filiformis Thurb.
Brenn collected this on the Sierra Nevada. I then put
it with V. depauperata, and on examining it now
can do nothing else with it. It is just the Sporobolus
filiformis, Nutt. Herb. Acad. V. depauperata Torr. var.

3
founded upon a very diminutive specimen; it
varies greatly & the largest form has been called
A. utilis by Torrey. We must either regard the present
as one of its forms or make a half dozen or
more new species. Many florets in this have a
distinct nerved, but this is not constant.]
Opumite Valley.

6124! Cliffa.

[Cliffa rigens, Trin.? I had this a long while
ago from Blake & Bolander. The best I can
do with it is to refer it as above. It does not quite
agree with Trin's figure (Trin. Icon. t. 250), but the
differences are not so great as between his descrip-
tion in the *Leones* & in his *Agrostiden*.] *forma*.

6472! Agrostis canina, Scrim.
The flowers of my specimens are larger than in the
sp. I possess from other parts of the world.

5070. Agrostis exarata Trin. Alpine form. Prior but
of Upper Inglewood, Alt. 10000 ft.

6105! 6078! 6079! 658 of Breuer and my no 42. No 5. 30. 18.
of my grass sets belong to Agrostis exarata Trin. This
sp. includes Agrostis microphylla Steud.

6102! Agrostis Hillebrandii Thurb. [in Rept. Cal. Geol. Survey, in.]

4801! No 34 of Set. Agrostis pallida, DC. fide Thurb.

Col Munro makes it *Agr. viridescens* & *Mexicana* H.B. &
has carefully compared different descriptions, Steud's
& Kunth's in his Suppl. Both are at variance in some
important points. Prof. Thurber's determination I
like better, though my European specimens are much
smaller - Anderson Valley - Coast.

6465. Agrostis pallida DC.

6465, 6. Same but anthers.

6103! Agrostis vulgaris, With.

4954! Seem to be a likely state of *Ag. vulgaris*.

6107! 6106! 4842. Agrostis scabra Willd.

5064! Agrostis, which I shall leave this to you to decide. 4
[Agrostis very well with Agrostis Scouleri, Trin., but has
more rays to the panicle. Please compare.]

6466. Agrostis. May be omitted until I can procure better
specimens

6093! Muhlenbergia gracilis Trin. Yosemite Valley.

6090! Genina arundinacea var. pendula, Trin. [Gray]

6082! Polygonum Monspeliensis Desf.

6083! Gastridium australe, Beauv.

6094! Vaseya comata Thurb.

[Remarkably fine specimens, some 2 1/2 feet high with purpl-
ish panicles & the culms more or less tinged.]

6084! 4762! Calamagrostis Aleutica Bong. [Trin.]

6098! Calamagrostis Breweri Thurb. [in Rept. Cal. Geol.
Survey with]

[Our most delicate species, first collected by
Prof Brewer in 1863 near the summit of Carson's Pass,
alt. 8000 ft. and by Mr Bolander in 1866 in the meadows
of the Upper Tuolumne, alt. 9,700 feet.]

6088! 6087! Calamagrostis Canadensis, Michx.

6470! 6471! Calamagrostis Sylvatica, DC.

Culm. strictus, not numbered, but occurs in
Yosemite V. and the higher sierras.
next likely to varia.

6471! Calamag. next likely to varia.
[I am poorer off in Calamagrostis than in any other
large genus & my specimen of C. corin is of no
help - Please compare]

4887, 4766! Calamagrostis Leppouneuxii Trin.

[Bolander in one of his notes seems to be quite satisfied
with this determination. I have only one very young
European specimen - Please look at this, as it is
in your pet genus]

6112! 6071! Aira caespitosa Trin. fide Col. Munro.

6072! Aira clanthonioides Trin.

4758 } loose
4744 } compact panicle forms of Trisetum cernuum Nutt.
[This I at one time took to be a form of T. cernuum
The excellent specimens in this lot, convince me that
Nuttall was right in making it a new species. It
is T. elatum Nutt. in Herb. Acad. & the same which
Buckley called T. canescens. I hope it is not necessary
to adopt the second name. It is intermediate
between T. cernuum & T. flavescens. It differs from
the former in its longer & narrower lower glume &
from T. flavescens in its hairy ovary & more robust
habit generally.]

5019! Trisetum subspicatum, var nuttianum Brl.
There seems to be but little doubt that these sp.
must be referred to this species.

6104! Danthonia sericea Nutt.

4705! Poa brevifolia Muhl.
[Judging from the description & Reichenbach's figure
it will do for Poa cenisia All. of which I have
no specimens for comparison. It is certainly not P.
brevifolia Muhl.]

6113! Stropis californica Munro.

5073. 5068. 5076! Poa alpina Trin

6115! Poa sylvestris Gray. Older specimens agree
very well with those sent to me by Dr. Engel.
[Probably this species with the pubescence less pubescent]

6014! Poa leptocoma Trin.
[This is the same as Parry's No 376. doubtfully referred to
P. arctica, in the Enumeration. I cannot at present
do any better with it than to consider it a form
of P. arctica, R.Br. P. leptocoma Trin is described
as having abundant wool which this has not.]
Nuttall's description.

6126! Eragrostis poaeoides var megastachya

6125! Eragrostis pilosa, Beauv.

- 6074! Brizopyrum Douglasii. Hook.
 5026. Glyceria paniculata, Presl. (6111)!
 6108! Glyceria fluitans, R.Br.
 5044! 6114! Glyceria airoides, Thurb.
Glyceria nervata. Not numbered
 6075. Isopholisma Californicum Des
 5076! Melica imperfecta, Trin.
 6114 or 6120! Melica poaeoides Nutt. This form was
 also collected on Mt. Dana.
 6121! Melica poaeoides var inflata Bol
 6119! Melica poaeoides, var bromoides Bol.
 4698! Melica poaeoides var. acuminata Bol.
Melica stricta, Bol. No 47 of sets.
Melica poaeoides, var breviaristata Bol. (No
 number 53 of sets) Redwoods Humboldt Co. 67. also
 at Santa Cruz. Col Munro considers this a new
 sp. of Melica & Prof Thurber left it undetermined.
 4861! Melica aristata sp. nov. [^]
 6118! Festuca microbachya var ciliata
 6073. Festuca paniculata. Thurb.
 6100! 5067. 5066! Fest. violacea Gand??
 [This is called F. rubra in Purry's Rocky Mt
 Plants, and is the F. rubra of Bourgeas coll.
 Benth. puts F. rubra under F. ovina and, as I
 think very properly. Griscluck quotes F. violacea
 Gand. as a variety of F. ovina & this should
 be F. ovina var rubra, or violacea if it more
 nearly resembles Gand's plant.] Mt Dana. Alt. 11,000 ft
 6085! Elymus condensatus Presl.
 6080! Elymus sibiricus L.
 5023! Triticum caninum Schreb.
 [This is what I have called, from description

only, Triticum violaceum, Hornem. - vide
Andersson, Gram. Scand. p. 5. We have no roots
to these specimens]

6468. Triticum aegilopoides
Could it be T. divergens Don?
[No specimens either in Breuners or the Hurry set]

6110! Triticum repens mixed ^{with} T. aegilopoides, Dur.

[Bolander speaks of an undetermined Festuca. "It
is the last Festuca of my sets and 4704 of late".
In either case I have no specimens to identify it
by, though I have several undetermined Festucas
in Breuners own collections.]

4669! is a Lepturus which B. speaks of working
out & I suppose I had better not interfere.
It is quite distinct from L. paniculatus Nutt.
in its simple spike, the position of its glumes,
around pulen with a tuft of hairs at the base &c.
It should be compared with Eptia species.]

Dear Over. May - Being harassed with "capillary bronchitis"
I have improved the opportunity to write out these
notes on *Poland's* grammar. Will send Durbin soon -
I return all B's. Ann. & letters Feb 27,
Feb 3rd - 68 -

*
6123 - Phalaris amethystina Trin.

Specimens without the purple tinge, as frequently occurs. - Locality not given.

6070 Hierochloa macrophylla. Thurb

I consider this a good species, though Munro regards it as a form of *H. borealis*. It has shorter & differently shaped glumes & numerous sterile florets. Red Wood, Coast Range. June.

4840 - Panicum dichotomum L.

A hairy form which in its "dichotomous" state is *P. thermale*, Bolander. Yosemite Valley June.

6097 - Stipa Kingii. Bolander -

Apparently a new species - Upper Tuolumne Meadows - Alt. 9700

6109 - Stipa viridula Trin Big-tree Grove

5020 - Stipa occidentalis Thurb

Yosemite Trail - 8000 alt.

6092 - Vilfa depauperata Torr. ✓

A very variable species - this is the form called
Sporobolus nodosus in Herb. Acad. -
Yosemite Valley, June.

6091 Vilfa depauperata Torr
var filiformis.

Breuer collected this in the Sierra Nevada,
without number - I then made it a variety
of V. depauperata & an examination soon
confirms that view - It is precisely the same
as that named in Herb. Acad. Sporobolus
filiformis by Nutt. - If this be kept distinct there
are six or eight others that must be so.
Many florets in this have a distinct nerved
but it is not constant - I fear that V. cuspidata
will have to come in also -
Yosemite Valley - June

6124 - Vilfa rigens Trin?.

I have had this for some years & must either
call it as above or make a new species. It
does not quite agree with Trin's figure, but
better than his two descriptions do with one
another - It is the best I can do with it.
Sonoma.

4836 - Sporobolus airoides Torr.

San Joaquin Valley, June

6095. Sporobolus asperifolius Nees & Mey.
with smoother leaves than I have before seen.
Mono Lake. Sept.

6096. Sporobolus ramulosus H.B.K.
Mono Lake, Sept.

6082 Polypogon Monspeliensis
San Francisco -

6083 - Gastridium australe Presl -
San Francisco

6090 - Ceniza arundinacea Trin
in pendula Gray -
I have not seen this from California before.
Big Tree Grove. July.

6093 - Muhlenbergia gracilis Trin
Calycodon montanum Nutt.
Gosensite Valley.

6103 - Ayrostis ^{uliginosa} elata Trin?
(uliginosa) No locality
Please compare this as I have only some shade-
grown "slimber" specimens.

6107 - Ayrostis scabra Willd
A paler one on a separate sheet marked "with 6107"
I take to be the same -

4954. *Agrostis* - in an abnormal state 4.
probably #6103 gone crazy - One specimen has
empty glumes & in the other the spikelets are
deformed & fasciated.

5070 - *Agrostis* ^{*Reichenowii*} ~~*barbans*~~ *alpina* form -

Agrostis quite well with an authentic specimen
"no 217 Barker" - Origin list of Upper Toluca - 10,000 alt.

6081. *Agrostis verticillata* Willd.

6102. *Agrostis* ^{*San Francisco*} ~~*Hillebrandii*~~ *Thunbergii* -
Main from Big Trees &

4801 - *Agrostis* ^{*pullenii* DC.} ~~*viridula*~~ *H. B. K.*

^{meadows} Bolander's determination & it agrees ^{quite} fairly
with the description - but I suspect he has this
same thing under two or three other names.
Anderson Valley - Coast -

4800

6078-6079 - *Agrostis* *repens* Trin -

Bolander in his list calls this *A. asperifolia*, and in
his letter ^{to you} of Dec 10. thinks he has made a discovery
by finding it to be *A. repens* - I long ago put the
two together & only kept them separate lately on
Bolander's assurance that they grew in diff't soils,
around at diff't times & had noticeably diff't an-
thers.

4648 - Ayrostis spicata Trin.

This seems to me only a very stunted form of A. spicata. No locality is given but I had it before from Bolander, marked "sterile soil anthers half the size of a pin's head". It would be well to observe if the curved forms of this do not always have anthers reduced in size. I have specimens only 2 inches high. Not on list.

5064 - Ayrostis Scouleri Trin.?

Ayros very well as to the spikelets but has more rays to the panicle. Please compare if you have any specimens. No locality. Plein then

6106 - Ayrostis Aust. ~~Reverii~~ Trin.??

6472 - A. ~~cuneata~~ ^{aurora} probably in No 6094 -

6094 } Vaseya conata Thurb
6101 }

No 6094 - for which no locality is given is somewhat call, fine specimens, some 2 1/2 ft high - with purplish panicles & the culms more or less tinged. No 6101 - Yosemite Valley is a much smaller form with narrow, pale green & often interrupted panicles.

6098 - Calamagrostis Breweri Thurb.
alt Deser -

4766 - Calamagrostis Lappaniana?

cf - herb Torr. my specimen imperfect.

* 6470. Calamagrostis Aylmeriana. Trin? 7
Has the general appearance of Pursh's plant as
determined by Gray, but the hairs of the florets are
much longer. Not on list.

6084 Calamagrostis Aylmeriana Trin
Oaklands. New -

5071 Calamagrostis Aylmeriana
purpurascens -

Same as Pursh's No - + Hall's Hudson

6087 Calamagrostis Canadensis Beauv.

6088 Calamagrostis Canadensis Beauv.
Yosemite Valley -

* 6471 - Calamagrostis -
vide note with specimen - revise the genus -

6072 - Circa clausenii (Coville) Nees
Oakland -

6071 Circa caespitosa
"Vine clausenii" Bolander -

* 6112 - Circa caespitosa
No loc -

6086 - Circa elongata Hooker
No loc -

6122 - Friesea cernua.
Woodland

6128. Trisetum purbatum Steud. - by Steud. - 229. 8
I think this must be a pulcherrimum form of Trisetum
plant. It has the largest spikelets of any species
I have seen & in aspect much like a Bromus
Steudel quotes Bromus, nr. 860 Benth. herb.
Bolander 1557 shows of an earlier collection
show the branching habit described by Steudel.

5019. Trisetum subspicatum
var. brevicaule -

Arise about 2-feet high with broad leaves
& an elongated interrupted spike panicle.
Glumes generally shorter than the florets,
upper lower panicle mostly obtuse, some-
times entire & short curved. I agree with
Mr. Bolander in considering this an unusual
variety of T. subspicatum & use the character
constant should call it a species, but the
4 or 5 specimens sent very much among
numbers - Upper Trilobum - alt. 7,500.

6077. Trisetum elatum, Nutt. Herb. Acad.
This is intermediate between T. cernuum & T.
flavescens. From cernuum the former it is distin-
guished by its denser & strict panicle & its
longer narrow lower (?) glume. Its hairy ovary
& more robust habit distinguish it from T. flavescens.
Cern. - 6077 - in loc. - 4744, a much larger plant
fully pubescent. shorter & denser panicle - no loc.
describes this.

6104 - Guthriea sericea - det
Yosemite Trail all-sons

6074 - Brizopyrum Douglasii

6075 - Lophoclaena Californica
in loc.

6089 - Melica stricta Bth
Yosemite Valley

6096 Melica confertifolia

San Francisco -
4861 - Melica aristata Bolander

6120 - Melica proserpina -

This is the hybrid form - Bolander makes
it a variety, inflata - Yosemite Valley,

4698 - M. proserpina

the proserpina -
Elongated spikelets, the pubescent. flowers
becoming punctate
Const. Mendocino

6119 - M. proserpina - the proserpina

with a loose pyramidal panicle - N. Cal
det.

5066 - Festuca ovina

This is a former collection I called F.
rubra, following Camp Detention of
Ramp Right Plant - This is the same
as collected in Rhy. Mts. by Brongniart - I
think Brongniart is right in putting
rubra with ovina - The stoloniferous
rubra with ovina are all that
distinguish them - No. 8000 - Alt. 11000

6073 - Festuca paniculata Thunb
occidentalis Hook
det.

a long fruit from
det.

6118 Festuca microstachys det
which was

4704 F. microstachys
in polyphylla det

a very tall form with numerous leaves
at the base - Mendocino

6125 - Eragrostis pilosa
no locality

4705 - Poa Cenisia All. ?
as I judge from descr. & Reichardt's fig.
I have no specimens - (Rolander says. Poa
breuifolia Muhl. which it is not)

* 5068 - Poa alpina L.

6115 - Poa sylvestris Gray?

Probably this species, but the palea less
silky pubescent.

* 4664 - Lepturus - probably new -
palea - longum & hairy as here.

6085 - Elymus condensatus Presl -
very large -

6080 - Elymus sibiricus -



Gray, Asa, Thurber, George, and Bolander, Henry N. 1866. "Bolander's List of Grasses." *Plant lists, California*

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