

Grosses collected in California
in 1869 by W. H. Brewer, H. N. Bolander
and Dr Wm Hillebrand -

1825 to 2169 - Sierra Nevada - Coll. by W. H. Brewer

1625 *Atropis Californica*

In woods at alt 6000-7000 ft., on
the Yosemite Trail. June 15

1646 *Panicum dichotomum*

By sandy soil in Yosemite Valley,
at 4,500 ft. Common on sand and
among rocks June

1765 *Polygonum alpinum*

Damp hill sides - Head of Tuolumne
river at ^{9,100} 8,200 ft. July 3rd -

1842 *Elymus condensatus* -

Common about Mono Lake, and the
dry regions east of the Sierras, 6000-7000 ft.

Generally on rather dry soil, often 2 ft.
high, from a tough perennial
root, in large bunches - July

Handwritten scribble or signature, possibly "L. L. L." followed by a horizontal line and a small mark.



1846 *Brizopyrum spicatum*.
Dioecious grass saline soil on the
Islands in Mono Lake. ^(6500 ft) ~~Seen~~ Seen
Common on saline and alkaline
soils at various altitudes - Creeps
by running stems

1921 ~~*Atriplex confertifolia* Nutt.~~
Dry rocks, at Sonora Pass at
about 7000-8000 ft. Not seen much
higher - July 21st.

1922 ~~*Atriplex confertifolia*~~ *Atriplex confertifolia*
With last. Not not abundant.

1947 *Festuca subspicata* var. *molle*.
Common - Big Tree Road - 5000-6000 ft.
July 30 -

1965 *Phleum alpinum*.
Moist meadows. Silver Valley Road.
July 31 -

1976 *Festuca* - low old -
Dry Hell side, above Silver Valley
8000 ft - July 31st

- 1998 *Sitonia elymoides*.
By Hill side, at 9000 ft - above
Carson Pass. - Aug 2nd
- 1999 *Atriplex Californica*
Moist hill sides, near Lost.
- 2044 *Trisetum subspicatum*
Near summit of Silver Mountain
11,000 ft. Aug 5-
- 2067 *Glyceria verrucosa* Trin.
By Brook. Scandinavian Cañon - 7000 ft.
Aug 6th
- 2068 *Tritium violaceum* Hornem.
Very dry places - 8000-9000 ft - Aug 7 -
near Silver Mountain Trail
- 2072 *Sitonia elymoides*
By Hill sides - Near Silver Mountain Trail
8000-9000 ft - Aug 7
- 2073 *Phleum alpinum*.
Moist places. near Lost - 8000 ft. Aug 7

2077

Atriplex Canadensis?Dry hills, alt 8000-9000 ft., near
Silver Mountain trail. Aug 7

2078

*Atriplex Canadensis*Rather moist places, 8000-9000 ft.,
Near Silver Mountain trail, Aug 7

2088

Bromus ciliatus var.Dry hills 8000-9000 ft., near Silver
Mountain trail Aug 7th

2118

Triticum curivum B. Kuhnii Ledeb.Dry places near summit of
Carson Pass. 9000 ft. Aug 16th

2128

Calamagrostis sp.In valley near summit of Carson
Pass. 8000 ft. Aug 16

2169

Panicum dichotomum var.?Around all the hot springs south
East of Lassen's Peak, often on
very saline soils, and very near
hot water and hot steam - Sept 24

Numbers 2217 to 2221, collected by
Dr J. G. Cooper at Fort Mohave,
Colorado River and Mohave River,
Winter of 1880-81

2217 *Aristida lentiformis* Thurber.
Fort Mohave

2218 *Trinacria pulchella*.
6 in. high, in fruit - gravel plain
at Fort Mohave - Dec. 80 - March 81

2219 *Elymus condensatus* -
5 ft. high - Green - Bottom lands -
The best grass at Mohave River - June 3 -

2220 *Polygomon monspeliensis*.
2 ft high - Camp Cady, Mohave River
June 2nd 1881

2221 *Brizopyrum spicatum* - strictum
Greenish-yellow - Marsh at Soda Lake -
- Sink of the Mohave - May 31 -

2222. *Phragmites communis*.
10 ft high - Marshes at Soda Lake -
- Sink of the Mohave River - plant
pale - May 31 -

2223 *Eriocoma cuspidatum* Nutt.

2 ft high - top of Providence Mountain
and west to Cajon Pass May 29-61

2224 *Stenotaphrum secundatum* -

2 ft - greenish purple - E. slope of
Providence Mountain - May 29-61

2225

2 ft high - Summit of Providence
Mountains - 5000 ft - May 29-61

2226 *Bouteloua oligostachya* -

6 in. Anthers purple - Summit of
Providence Mountain - 5000 ft - Cajon
Pass - May 29-61

2227 *Panicum Graminifolium* -

3 ft high - Greenish brown -
Colorado Valley - Lat. 25° - In garden -
introduced? - May 19-61

2228 *Panicum capillare* -

Greenish yellow - In garden -
introduced? Colorado Valley - May 20/61

2229

Festuca microstachys Nutt. - reduced form
Mohave - May -

2230

Pleuraphis n. sp.

4 ft high - greenish purple.

Port Mohave - Feb. 24

2231

Sporobolus airoides

3 ft. Anthers purple - in tufts -

purplish - Sandy bottoms - Port

Mohave - March 25 -

No's 2232 to 2240 -

Collected by Dr. J. G. Cooper at San
Diego - Cal - 1882

2232

Atropis uniflorus

2 ft - Sand near sea beach. - San Diego

March 26 - 82

2233

Stipa setigera.

4 ft - greenish - Sand near sea beach -

San Diego - March 19 - 82

2234

Hordeum pusillum Nutt.

2 ft. yellow - Gravel Hills - San Diego

Apr. 3 - 82

- 2235 *Bromus brevistylus* -
4 ft. greenish - sandy sea beach
San Diego Apr 3/62
- 2236 *Bromus viridis*?
2 ft. greenish - sand near sea shore -
San Diego March 10/62
- 2237 Nothing to determine form.
30 ft - Woody. fl. ? damp soil -
introduced - rare - San Diego - March 15/62
- 2238 *Bromus annuus* -
3 in. Grayish - Pastures - San Diego. March 15/62
- 2239 *Hordium murinum*.
San Diego. March - 1882
- 2240 *Atriplex Californica*
3 ft - greenish - dry soil hills -
San Diego - March 17/62
- 2241 *Bouteloua polystachya*
Purplish - gravel plain at Fort
Mohave - Feb. 23/61 - J. G. Cooper

- 2242 *Phleum alpinum*
 43 *Phleum pratense*
 44 *Culmograstis Canadensis*
 45 ————— " *Scand.*
 46 *Cirsium cuspidatum* var.
 47 *Agr. Curian Trin?*
 48 *Agr. Eximium*
 49 *Agrostis scabra*
 2250 " "
 51 *Agrostis* sp. nov.
 52 *Glyceria verrucosa Trin*
 53
 54
 55 *Stipa viridula Trin.*
 56 *Glyceria verrucosa* "
 57 *Triticum curian*
 58 *Bromus ciliatus L.*

Alfalfa depauperata M. *Glyceria verrucosa*
 alt. 4000 - 6000 ft. no number
Triticum subspicatum 2002 - not on list.
Atropis Calif - 2003 & 2004. no loc & not on list

Numbers 2242 to 2258 inclusive
 Collected by Dr. Wm. ^{Hillebrand} ~~Hillebrandt~~
 at Big Trees, Colavara Co. - alt
 4770 ft. Spring 7 1883 - anal sent by
 Mr Bolander -

2242 to }
 2258 }

Big Trees. by Dr Wm. Hillebrand

Numbers 2259 to 2269
 inclusive, collected by H. G. Bloomer
 Esq. at and near Virginia City, Nevada
 Territory - Spring and Summer of
 1883 - sent by Mr. Bolander -

2259 }
~~2269~~ }
 2269 }

Virginia City, N.T. collected by
 H. G. Bloomer Esq.

Plants of Virginia City 6400 ft.

- 2259 Festuca sp. nov. - see this.
- 60 Alopecurus geminatus var aristatus
- 61 Stipa occidentalis Hook. - (see this)
- 62 Melica parviflora
- 63
- 64 Sporobolus asperifolius Nees & Mey.
- 65 Panicum capillare.
- 66 Atriplex confinis
- 67 " "
- 68 Agrostis asperifolia Trin?
- 69 Atriplex confinis -

Numbers 2270 to 2297. Grasses
Collected by H. N. Bolander Esq., near
San Francisco, 1863

2270 *Holcus lanatus* L.

Swamp. S. F.

2271 *Ayrostis alba* & *Molyuris*.

Swamp. S. F.

2272 *Ayrostis asperifolia*

Swamp. S. F.

2273 *Glyceria paniculata* Nutt.

Swamp S. F.

2274 *Calamagrostis Aleutica* Trin.

Oakland Hills - Habit of Bunch grass

2275 *Elymus condensatus*?

Fort Point - S. F.

2276 *Festuca paniculata microstachys*

Oakland Hills

2277 *Poa trivialis*.

Fields

- 2278 *Agr. Sparuta*
Along Bay, and on dry hills
- 2279 *Himelina*
Marin Co. among the Redwoods
- 2280 *S. setigera*
Common, on plains
- 2281 *Mitella Douglasii*
Hills
- 2282 *Agrostis Sparuta*
About the Bay
- 2283 *A. Sparuta*
Hills
- 2284 *Elymus Sibiricus*
Marin County
- 2285 *Elymus Sibiricus*
San Francisco
- 2286 *Agrostis asperifolia*
Swamps, San Francisco

- 2287 *Phalaris intermedia* Bosc.
Swamps - S. F.
- 2288 *Linn. perenne* -
Swamps, San Francisco
- 2289 *Bickmannia dracaeniformis* -
Oakland Hills
- 2290 *Phleum pratense*
Swamps
- 2291 *Festuca pruriens* Michx.
Oakland Hills
- 2292 *Atropis Californica* -
Oakland Hills
- 2293 *Festuca paniculata* Thunb.
Oakland Hills
- 2294 *Elymus verticillatus*
About Bay
- 2295 *Elymus asperifolius*
By Hills
- 2296 *Festuca ovina* -
About Bay -

Numbers 2417 to 2421 inclusive,
Collected by H. N. Bolander on a trip
to Clear Lake. Sept. 1883

2417 *Paspalum distichum* L.
Meadows. Clear Lake

2418 *Leersia alcyonoides*
Banks of Cache Creek

2419 *Panicum crus-galli*
Napa Creek

2420 *Panicum Capillare*
Clear Lake - Common

2421 *Phragmites Capillare communis*
Clear Lake

2493 *Agrostis exarata*.
Tombales Bay - Marin Co. by Bolander



Brewer, William Henry et al. 1863. "Grasses Collected in California in 1863 by W. H. Brewer, H. N. Bolander." *William Henry Brewer California Geological Survey papers*

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