

UNIVERSITY OF MICHIGAN HERBARIUM

NORTH UNIVERSITY BUILDING  
ANN ARBOR, MICHIGAN, U. S. A.

U. of M. Biological Station  
Pellston, Michigan 49769  
June 26, 1966

William P. Harris, Jr.  
Huron Mountain Club  
Big Bay, Michigan 49808

Dear Mr. Harris:

Yesterday was registration day here at the Biological Station and the summer session is about to get underway. I have typed up the list of Al Etter's grass collections and am enclosing a copy.

In general, I have cited the authorities for scientific names the first time each is listed but not for the many subsequent listings of the same species. In the right-hand column are certain symbols which will indicate which numbers we kept for the University of Michigan Herbarium, in whole or in part, and will indicate something of the condition of specimens as a possible guide to ones which you might want to retain for your herbarium at the Club. This is the key to the symbols:

- M material of this number retained for U. of M. Herbarium.  
M $\frac{1}{2}$  only part of the material retained  
M+ what we kept was the only material of this species -- in accordance with your phone conversation of June 13. [three species]
- x very poor specimen, not worth keeping at all. [I'd also discard all the mixed collections]
- \* reasonably good specimen (at least of this species in this lot)
- \*\* especially good specimen
- (HMC) I would suggest you keep this for your herbarium as it is a particularly interesting, uncommon, or unusual record.
- O no data provided

If there is no symbol, therefore, the specimen may be assumed to be poor to mediocre, but with data. These are all subjective ~~subj~~ judgments, of course, and are especially applicable to the less common species. The species of which there are abundant collections, like Danthonia spicata, may indeed have more good sheets than the symbols might indicate -- only the best of all were marked.

I am enclosing the surplus labels from those we had printed for our 70 sheets. By trimming off the top line you could easily use them. (Sorry, printer goofed and put comma instead of period after "No.") I assume you will want to send Al Etter copies of this and my previous letter and the list.

Best regards,

GRASSES COLLECTED BY A. G. ETTER, HURON MOUNTAIN CLUB, 1959-1960

Determined 1966 by E. G. Voss, Herbarium, University of Michigan

- |    |   |                 |       |
|----|---|-----------------|-------|
|    | 1. <i>Glyceria striata</i> (Lam.) Hitchc.   | x               |       |
|    | 2. <i>Poa saltuensis</i> Fern. & Wieg.  | x               |       |
|    | 3. <i>Glyceria striata</i>  |                 |       |
| XX | 4. <i>Poa glauca</i> Vahl   | M $\frac{1}{2}$ | (HMC) |
| XX | 5. <i>Poa glauca-nemoralis</i> complex  | M $\frac{1}{2}$ | (HMC) |
| XX | 6. <i>Poa glauca</i> ?<br>[ligules shorter than usual for <i>P. glauca</i> , but otherwise o. k.]   | M $\frac{1}{2}$ | (HMC) |
|    | 7. <i>Poa alsodes</i> Gray  |                 |       |
|    | 8. <i>Poa alsodes</i>   |                 |       |
| XX | 9. <i>Poa saltuensis</i> Fern. & Wieg.  |                 |       |
|    | 10. <i>Poa saltuensis</i>   |                 |       |
|    | 11. <i>Poa saltuensis</i>   | M               |       |
| XX | 12. <i>Poa nemoralis</i> L.   |                 |       |
|    | 13. <i>Poa nemoralis</i>  | *               |       |
|    | 14. <i>Poa saltuensis</i>   | *               |       |
|    | 15. <i>Poa compressa</i>  |                 |       |
|    | 16. <i>Poa palustris</i>  |                 |       |
|    | 17. <i>Poa palustris</i>  |                 |       |
| XX | 18. <i>Poa palustris</i>  | *               |       |
|    | 19. <i>Poa palustris</i>  |                 |       |
|    | 20. <i>Agrostis hyemalis</i> (Walt.) BSP. var.<br>tenuis (Tuck.) Gleason [NOTE: All additional listings of this<br>(= <i>A. scabra</i> of Gray's Man.) species are of the variety.] |                 |       |
| XX | 21. <i>Dactylis glomerata</i>   |                 |       |
| XX | 22. <i>Dactylis glomerata</i>   | M               |       |
|    | 23. <i>Dactylis glomerata</i>   |                 |       |
|    | 24. <i>Agrostis stolonifera</i> L.  | M               |       |
|    | 25. <i>Agrostis hyemalis</i>  |                 |       |

	26. <i>Agrostis hyemalis</i>	
	27. <i>Ammophila breviligulata</i> Fern.	
	28. <i>Agrostis stolonifera</i> L.	**
	29. <i>Agrostis stolonifera</i>	*
	30. <i>Calamagrostis canadensis</i>	*
	31. <i>Calamagrostis canadensis</i>	
XX	32. <i>Phragmites communis</i>	M $\frac{1}{2}$
	33. <i>Glyceria striata</i>	M
	34. <i>Glyceria striata</i>	<del>M</del> *
	35. MIXED: <i>Danthonia spicata</i> + <i>Panicum depauperatum</i>	
	36. <i>Poa nemoralis</i>	M $\frac{1}{2}$
	37. <i>Milium effusum</i> L.	
XX	38. <i>Agropyron repens</i> × <i>A. trachycaulum</i> ? (HMC) [rachilla disarticulating, but nearly glabrous and anthers long]	
XX	39. <i>Milium effusum</i>	*
	40. <i>Milium effusum</i>	
	41. <i>Milium effusum</i>	
	42. <i>Festuca ovina</i> L.	M
	43. <i>Festuca rubra</i> L.	O
	44. <i>Poa palustris</i>	
	45. <i>Poa palustris</i>	*
	46. <i>Poa nemoralis</i>	O
	47. <i>Deschampsia flexuosa</i> (L.) Trin.	*
	48. <i>Agrostis stolonifera</i> var. <i>stolonifera</i>	O
	49. MIXED COLLECTION -- no data	O ×
	50. <i>Festuca ovina</i>	O

	51. Poa sp. -- no data	0
XX	52. Panicum depauperatum Muhl. var. psilophyllum Fern. **	
	53. Panicum depauperatum var. psilophyllum	
	54. Danthonia spicata (L.) R. & S.	0
	55. Agrostis stolonifera ?	0
	56. Phragmites communis	
	57. Agrostis hyemalis	
	58. Agrostis hyemalis	0
	59. Schizachne purpurascens (Torr.) Swallen	x
	60. Cryzopsis pungens (Spreng.) Hitchc.	0 x
	61. Melica smithii (Gray) Vasey	
	62. Melica smithii	M
XX	63. Melica smithii	*
	64. Glyceria borealis (Nash) Batch.	0
	65. Glyceria canadensis (Michx.) Trin.	M
	66. Glyceria canadensis	M (combined with 65)
	67. Glyceria striata	.
XX	68. Panicum xanthophysum Gray	M $\frac{1}{2}$ *
	69. Panicum xanthophysum	
XX	70. Panicum columbianum Scribn.	M
XX	71. Panicum implicatum Britt.	M $\frac{1}{2}$ *
	72. Panicum columbianum	**
	73. Cinna latifolia (Trev.) Griseb.	x
	74. Cinna latifolia	x
XX	75. Agrostis gigantea Roth	

76. *Agrostis gigantea* \*
77. *Agrostis gigantea*
78. *Glyceria striata*
- XX 79. *Oryzopsis asperifolia* Michx.
- XX 80. *Phleum pratense* L.  $M\frac{1}{2}$  \*
81. *Phleum pratense*
- XX 82. *Bromus inermis* Leyss
83. *Bromus inermis* M
84. *Bromus inermis*
85. *Poa compressa* M
86. *Poa alsodes*
87. *Poa alsodes* M
- XX 88. *Festuca saximontana* Rydb. M
- XX 89. *Danthonia spicata*  $M\frac{1}{2}$  \*\*
- [90.] *Danthonia spicata*
91. *Danthonia spicata*
92. *Danthonia spicata*
93. *Danthonia spicata* \*
94. *Deschampsia flexuosa*
95. *Deschampsia flexuosa*
96. *Deschampsia flexuosa*
97. *Deschampsia flexuosa*
98. *Deschampsia flexuosa*
- XX 99. *Arrhenatherum elatius* (L.) Presl.  
~~XXXX~~ f. *biaristatum* (Peterm.) Holmb.  $M\frac{1}{2}$  (HMC)  
 [First record of this form of the species from Michigan!]
100. *Danthonia spicata*

	101. <i>Danthonia spicata</i>	$M\frac{1}{2}$ *
	102. <i>Danthonia spicata</i>	
	103. <i>Danthonia spicata</i>	*
	104. <i>Panicum depauperatum</i> var. <i>psilophyllum</i>	
	105. <i>Panicum depauperatum</i> var. <i>psilophyllum</i>	M
XX	106. <i>Agropyron repens</i> × <i>A. trachycaulum</i> ?	* (HMC)
XX	107. <i>Agropyron repens</i> (L.) Beauv.	$M\frac{1}{2}$ *
XX	108. <i>Oryzopsis pungens</i>	
	109. <i>Oryzopsis asperifolia</i>	
	110. <i>Elymus canadensis</i> L.	
XX	[111.] <i>Oryzopsis asperifolia</i>	$M\frac{1}{2}$ *
XX	112. <i>Deschampsia flexuosa</i>	$M\frac{1}{2}$ **
	113. <i>Agrostis stolonifera</i> var. <i>stolonifera</i>	M
	114. <i>Agrostis stolonifera</i> var. <i>stolonifera</i>	*
XX	115. <i>Agropyron trachycaulum</i> (Link) Malte var. <i>novae-angliae</i> (Scribn.) Fern.	
	116. <i>Agropyron</i> sp. (fragments)	×
	117. <i>Agropyron trachycaulum</i> var. <i>novae-angliae</i>	M
XX	118. <i>Festuca ovina</i>	*
	119. <i>Festuca ovina</i>	*
XX	120. <i>Glyceria striata</i>	**
XX	121. <i>Festuca rubra</i>	$M\frac{1}{2}$
	122. <i>Elymus canadensis</i>	
	123. <i>Elymus canadensis</i>	
	124. <i>Elymus canadensis</i>	M
	125. <i>Elymus canadensis</i>	

	126. probably <i>Glyceria grandis</i> (sterile)	x	
	127. " " " "	x	
	128. " " " "	x	
	129. " " " "	x	
X X	130. <i>Glyceria grandis</i> S. Wats.		
	131. probably <i>Glyceria grandis</i> (Sterile)	x	
	132. <i>Milium effusum</i>	M	
	133. <i>Poa nemoralis</i>	M	
	134. <i>Agrostis hyemalis</i>		
	135. <i>Poa nemoralis</i>		
X X	136. <i>Agropyron repens</i> x <i>A. trachycaulum</i>	** (HMC)	[Anthers ca. 4-5 mm long, seed not set, glumes & lemmas awned, rachilla glabrous but disarticulating, plants rhizomatous.]
	137. <i>Agropyron repens</i> x <i>A. trachycaulum</i>	M	
X X	138. <i>Agropyron repens</i> x <i>A. trachycaulum</i>	** (HMC)	
	139. MIXTURE: <i>Glyceria striata</i> , <i>Agrostis perennans</i> , and <i>Calamagrostis canadensis</i>	x	
	140. <i>Cinna latifolia</i>		
	141. <i>Poa annua</i> L.		
	142 [as "141"]. <i>Poa annua</i>	M $\frac{1}{2}$ *	
	143. <i>Elymus virginicus</i> L.		
	144. <i>Elymus virginicus</i>	*	
	145. <i>Phalaris arundinacea</i> L.	*	
	146. <i>Cinna latifolia</i>	*	
	147. ? (sterile)	x	
	148. ? (sterile)	x	
	149. <i>Glyceria striata</i>	x	
	150. <i>Cinna latifolia</i>		

- 151. *Panicum implicatum* ? ×
- 152. *Panicum columbianum* Scribn.
- 153. *Panicum implicatum* ? ×
- 154. *Panicum depauperatum* var. *psilophyllum* ×
- 155. *Agrostis hyemalis*
- 156. *Glyceria striata* \*
- 157. *Glyceria striata*
- 158. *Cinna latifolia*
- 159. *Cinna latifolia*
- 160. *Cinna latifolia*
- 161. *Agrostis gigantea*
- 162. *Glyceria striata*
- 163. *Agrostis hyemalis* ×
- 164. *Cinna latifolia* ×
- 165. *Cinna latifolia* ×
- XX 166. *Brachyelytrum erectum* (Roth) Beauv.
- 167. *Brachyelytrum erectum* ×
- 168. *Poa alsodes*
- 169. *Poa alsodes*
- 170. *Poa saltuensis* \*
- 171. *Poa alsodes* \*
- 172. *Panicum boreale* Nash
- 173. *Agrostis hyemalis*
- 174. *Panicum boreale* M
- 175. *Panicum boreale*



	176. <i>Danthonia spicata</i>	x
X	177. <i>Agropyron trachycaulum</i>	x
	178. <i>Poa palustris</i>	
	179. <i>Agrostis hyemalis</i>	x
	180. <i>Agrostis hyemalis</i>	x
	181. <i>Poa palustris</i>	0
	182. <i>Poa palustris</i>	0
	183. <i>Agrostis hyemalis</i>	x
	184. <i>Leersia oryzoides</i> (L.) Sw.	
	185. <i>Glyceria canadensis</i> (Michx.) Trin.	
XX	186. <i>Puccinellia fernaldii</i> (Hitchc.) E. G. Voss [ <i>Glyceria fernaldii</i> of Gray's Manual]	M $\frac{1}{2}$ (HMC)
	187 [as "186"]. <i>Agrostis hyemalis</i>	x
	188. <i>Agrostis perennans</i> (Walt.) Tuck.	M
XX	189. <i>Agrostis perennans</i> (Walt.) Tuck.	M $\frac{1}{2}$ [unusually robust]
	190. <i>Agrostis hyemalis</i>	
	191. <i>Calamagrostis canadensis</i> (Michx.) Beauv.	<del>M</del> *
	192. <i>Glyceria striata</i>	
XX	193. <i>Schizachne purpurascens</i>	
	194. [missing]	
	195. <i>Glyceria grandis</i>	*
	196. <i>Glyceria grandis</i> (2 sheets)	
	197. <i>Glyceria grandis</i>	
XX	198. <i>Glyceria borealis</i>	
	199. <i>Glyceria borealis</i>	
	200. <i>Glyceria borealis</i>	M

201. *Glyceria borealis*
202. ? (sterile -- looks rather like *Glyceria* but sheaths are open) ×
203. *Schizachne purpurascens* M
- ×× 204. *Hystrix patula* Moench f. *patula*
- XX 205. *Muhlenbergia mexicana* (L.) Trin. \*\*
206. *Muhlenbergia mexicana* M
207. *Muhlenbergia mexicana*
208. *Cinna latifolia* M
209. *Agrostis perennans* M
210. *Agrostis hyemalis*
211. *Agrostis hyemalis* (depauperate)
212. *Elymus virginicus* M
213. *Danthonia spicata*
214. *Danthonia spicata*
215. *Agrostis gigantea* \*
216. *Agrostis gigantea*
217. *Agrostis gigantea* M
218. *Festuca saximontana* (probably) ×
219. *Festuca saximontana* "
220. *Oryzopsis pungens*
221. *Poa palustris* (depauperate) ×
222. *Poa palustris*
223. *Poa palustris* \*
224. *Melica smithii*
225. *Melica smithii* \*

- XX 226. *Panicum capillare* L.  $M\frac{1}{2}$
227. *Elymus virginicus*  
[base of glumes not typical]  $M\frac{1}{2}$
- XX 228. *Agrostis* sp. (hyemalis—perennans)
229. *Panicum* sp. (sterile) x
230. *Glyceria striata*
231. *Glyceris striata* + *Poa palustris*: MIXED
232. *Calamagrostis canadensis*  $M\frac{1}{2}$  \*\*
233. *Deschampsia flexuosa* M
234. *Deschampsia flexuosa* \*
235. *Deschampsia flexuosa* \*
236. *Deschampsia flexuosa* \*
- 237: MIXED: *Danthonia spicata* + *Agrostis hyemalis*
238. *Agrostis gigantea* \*
239. *Poa compressa*  $M\frac{1}{2}$  \*
- XX 240. *Brachyelytrum erectum* (Roth) Beauv.  
var. *septentrionale* Babel M
241. *Glyceria striata* \*
242. *Poa sylvestris* Gray M+
243. *Hystrix patula* f. *patula* M
244. *Glyceria canadensis*
245. *Dulichium arundinaceum* [CYPERACEAE -- not a  
grass. One culm of immature *Glyceria cana-*  
*densis* is mixed in the collection.]
- XX 246. *Phalaris arundinacea* M
- XX [247.] *Phalaris arundinacea* } one of these in HMC
248. *Agrostis hyemalis*
249. *Agrostis gigantea* ?
250. *Glyceria canadensis*

251. *Glyceria borealis*
252. *Glyceria striata*
253. *Brachyelytrum erectum* var. *septentrionale* \*
- X X 254. *Agropyron repens* × *A. trachycaulum* ? \* (HMC)  
 [Rhizomes & long anthers as in *A. repens*, but rachilla disarticulating.]
- X X 255. *Oryzopsis pungens* M
256. *Poa palustris* \*
257. *Danthonia spicata*
258. *Poa palustris*
259. *Melica smithii*
260. *Glyceria striata*
261. *Poa palustris*
262. *Poa palustris*
263. *Glyceria striata*
264. *Cinna latifolia*
265. *Glyceria striata*
266. *Agrostis hyemalis* M
267. *Agrostis hyemalis*
268. *Calamagrostis canadensis*
269. *Calamagrostis canadensis* \*\*
270. *Calamagrostis canadensis*
271. *Agrostis gigantea* M
272. *Agrostis hyemalis* (depauperate)
273. *Agrostis hyemalis*
274. *Agrostis hyemalis*
275. *Agrostis hyemalis*

276. *Panicum depauperatum* var. *psilophyllum*
277. *Danthonia spicata*
278. *Festuca occidentalis* Hook.
279. *Schizachne purpurascens* x
280. *Calamagrostis canadensis*
281. *Calamagrostis canadensis*
282. *Calamagrostis canadensis* M
283. *Poa saltuensis* M
284. *Poa saltuensis*
285. *Agrostis peremans* \*
286. *Poa palustris*
287. *Glyceria striata*
288. *Glyceria striata*
289. *Poa alsodes*
- XX 290. *Elymus virginicus*  
[base of glume atypical]
291. MIXED: *Leersia oryzoides* + *Agrostis hyemalis*
292. *Glyceria striata*
293. sterile worthless hay x
294. *Cinna latifolia*
295. MIXED: *Agrostis* sp. + *Cinna latifolia*
296. *Agrostis gigantea*? x
297. *Danthonia spicata*
298. *Deschampsia flexuosa* x
299. *Calamagrostis canadensis*
300. *Calamagrostis canadensis*

301. *Calamagrostis canadensis*
302. *Agrostis hyemalis*
303. *Agrostis hyemalis*
304. *Glyceria striata*
305. *Cinna latifolia*
306. *Festuca*, probably *F. saximontana* ×
307. *Deschampsia flexuosa*
308. *Glyceria grandis* ×
309. *Agrostis hyemalis*
310. MIXED: inflorescence is *Poa palustris* L.  
foliage is probably *Glyceria grandis* --  
definitely not *Poa* ×
311. *Elymus riparius* Wieg. M+  
[Second Upper Peninsula record!]
- XX 312. *Ammophila breviligulata* Fern. M
313. MIXED: *Agrostis hyemalis* + *Poa* sp. + *Des-*  
*champsia flexuosa* ×
314. *Cinna latifolia*
315. *Agrostis perennans*
316. MIXED: *Glyceria* + *Agrostis* + *Schizachne* ×
317. *Calamagrostis canadensis*
- XX 318. *Calamagrostis inexpansa* Gray M $\frac{1}{2}$
- XX 319. *Agrostis stolonifera* var. *palustris*  
(probably; cf. No. 343) \*
320. *Melica smithii*
321. *Melica smithii*
322. *Melica smithii* ×
323. *Leersia oryzoides*
324. *Leersia oryzoides*
325. *Poa palustris* ×

326. *Poa palustris* ×  
 [MIXED: The loose debris so abundant in this sheet includes, as in too many other instances, an incredible mixture of other genera: *Leersia*, *Panicum*, *Glyceria*, *Cinna*, *Calamagrostis*, *Deschampsia*, and maybe even others!]
327. *Cinna latifolia* (at least the fragment of inflorescence) ×
328. *Agrostis hyemalis* -- plus *Hypericum*, *Lycopus*,  
*Galium*, moss, etc. -- very messy! ×
329. *Poa ?saltuensis* ×
330. *Poa palustris*
331. *Glyceria striata*
332. *Agrostis perennans* \*
333. *Agrostis hyemalis* \*
- XX 334. *Leersia oryzoides*  $M\frac{1}{2}$  \*
335. *Agrostis hyemalis*
336. *Dactylis glomerata* \*
337. *Agrostis* sp. × 0
338. *Deschampsia cespitosa* (L.) Beauv. M+
339. *Agrostis hyemalis*
340. *Leersia oryzoides* 0
341. *Poa palustris*
342. *Cinna latifolia*
343. ~~xxx~~ *Agrostis stolonifera* var. *palustris*  $M\frac{1}{2}$  \*
344. *Agropyron trachycaulum*
345. *Glyceria striata*
346. *Glyceria striata*
347. *Agrostis hyemalis*
348. *Agrostis hyemalis*
349. *Glyceria borealis* ×
350. *Cinna latifolia* (plus loose spikelets of several other genera) ×

351. *Glyceria canadensis*
352. *Agrostis hyemalis*
353. *Glyceria grandis* M
354. MIXED: *Glyceria grandis* + *Hystrix patula*
355. *Hystrix patula* [no spikelets]
356. *Glyceria canadensis* M
357. *Agrostis* ? *perennans*
358. *Glyceria grandis*
359. *Poa palustris* M
360. *Glyceria borealis*

Note: No data for 361-394, so I wasted little time on them. The better or rarer specimens are listed below:

361. *Phleum pratense*
363. *Calamagrostis canadensis*
364. *Poa compressa*
365. *Panicum depauperatum* var. *psilophyllum*
366. *Agrostis hyemalis*
- ~~367~~ 370. *Calamagrostis canadensis*
372. *Ammophila breviligulata*
385. *Panicum xanthophysum*
388. *Panicum depauperatum* var. *psilophyllum*
393. MIXTURE of *Ammophila*, *Phalaris*, *Panicum*, *Calamagrostis*, *Glyceria*, *Poa*, *Agrostis*, and maybe more!
395. *Festuca occidentalis* M
396. *Dactylis glomerata*
397. *Calamagrostis canadensis*
398. *Calamagrostis canadensis*
399. *Calamagrostis canadensis*