

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
PLANT EXPLORATION AND INTRODUCTION

January 19, 1939

Dr. Ivan Johnston,
The Arnold Arboretum,
Harvard University,
Jamaica Plain, Mass.

Dear Doctor Johnston:

Enclosed is the list of names of the grasses received from you some time ago. We are delighted to have these grasses. No. 7132 is a species new for North America. I have referred it tentatively to *Sporobolus phleoides* Hack. from Cordoba, Argentina. The type of this in the Hackel Herbarium consisted of three panicles only, not a leaf present. It is a Stuckert specimen and I understand the Stuckert grasses sent to Hackel were all returned to him except the fragments that Professor Hackel kept. The Stuckert grasses were ~~deposited~~^{stored} in the Delessert Herbarium in Geneva, but when I was there in '22 Dr. Briquet said that Stuckert had left strict orders that the cases were not to be opened. The panicle and spikelets are very like yours, but two collections from Argentina with the same kind of panicle have a base somewhat different from yours. In any case it is a wonderful find. The species will be worked out definitely for your Flora.

No. 7358 is an over mature specimen of *Bouteloua* that does not fall into any species of *Bouteloua*. Mr. Swallen has done the Chlorideae for the North American Flora and has *Bouteloua* well in mind. He hesitated to send this in as an addition to his manuscript because the specimens are well past maturity. We hope on your next trip that you may be able to collect this species again.

I was delighted to see *Muhlenbergia repens* from Mexico. The type was collected in Mexico, and, so far as we know, the species has never since been found south of the United States.

You see what a thrilling lot of grasses you sent us. We are eagerly awaiting results of your next trip.

Sincerely yours,

Agnes Chase

Agnes Chase, Senior Botanist

Office address: Smithsonian Institution

Text of

Mexican Grasses (1938)

Collector: Ivan M. Johnston

Place: Mexico

Date: Jan. 17, 1939

det Chase

- ✓7010. *Sporobolus wrightii* Munro
- ✓7017. *Triodia texana* S. Wats.
- ✓7041. " *albescens* Vasey
- ✓7043. *Aristida adscensionis* L.
- ✓7047. *Pappophorum bicolor* Fourn.
- ✓7091. *Triodia mutica* (Torr.) Scribn. = no 7110 not reported by Chase
- ✓7117. *Bouteloua barbata* Lag.
- ✓7132. *Sporobolus phleoides* Hack.?
- ✓7133. " *airoides* (Torr.) Torr.
- ✓7170. *Panicum hallii* Vasey
- ✓7171. *Bouteloua trifida* Thurb.
- ✓7172. *Muhlenbergia porteri* Scribn.
- 7174. *Triodia mutica* (Torr.) Scribn.
- ✓7200. *Bouteloua breviseta* Vasey
- ✓7249. " *hirsuta* Lag.
- Sather ✓7250. *Lycurus phleoides* H.B.K.
- ✓7251. *Hilaria cenchroides* H.B.K.
- ✓7252. *Triodia acuminata* H.B.K.
- ✓7288. *Muhlenbergia dubia* Fourn.
- ✓7289. " *rigida* (H.B.K.) Kunth
- ✓7290. *Sitanion hystrix* (Nutt.) J. G. Smith
- ✓7291. *Aristida curvifolia* Fourn.
- ✓7296. *Stipa tenuissima* Trin.

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- ✓ 7297. *Stipa neomexicana* (Thurb.) Scribn. 2nd collection from south of U. S.;
the other received recently
- ✓ 7298. " *eminens* Cav.
- ✓ 7299. *Bouteloua uniflora* Vasey (second from Mexico)
- ✓ 7303. *Stipa editorum* Fourn.
- ✓ 7304. *Muhlenbergia arenicola* Buckl.
- ✓ 7305. " *thurberi* Rydb.
- ✓ 7307. *Triodia pulchella* H.B.K.
- ✓ 7358. *Bouteloua* possibly new
7361. *Stipa editorum* Fourn. *a panicle of S. eminens & many florets*
of that on the sheet *(S. eminens has more open*
panicle, larger fruits, longer awns
- ✓ 7362. *Sporobolus wrightii* Munro
- ✓ 7371. *Leptochloa dubia* (H.B.K.) Nees
- ✓ 7372. *Bouteloua gracilis* (H.B.K.) Lag.
- ✓ 7373. *Muhlenbergia arenicola* Buckl.
- ✓ 7374. *Aristida hamulosa* Henr.
- ✓ 7399. *Andropogon perforatus* Trin.
- ✓ 7418. *Muhlenbergia tenuifolia* (H.B.K.) Kunth
- ✓ 7419. *Panicum obtusum* H.B.K.
- ✓ 7427. *Sporobolus pyramidatus* (Lam.) Hitchc.
- ✓ 7428. *Buchloë dactyloides* (Nutt.) Engelm.
- ✓ 7429. *Leptochloa fascicularis* (Lam.) A. Gray
- ✓ 7457. *Aristida barbata* Fourn.
- ✓ 7460. *Eragrostis diffusa* Buckl.
- ✓ 7461. *Bouteloua simplex* Lag.
- ✓ 7592. " *gracilis* (H.B.K.) Lag.
- ✓ 7609. *Muhlenbergia repens* (Presl) Hitchc. the long-awaited collection
from Mexico, whence described. Not since found there until
this.

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- ✓7615. *Muhlenbergia thurberi* Rydb.
- ✓7642. " "
- 7697. *Bouteloua breviseta* Vasey
- ✓7786. *Eragrostis arida* Hitchc.
- ✓7787. *Sporobolus pyramidatus* (Lam.) Hitchc.
- ✓7788. *Hilaria mutica* (Buckl.) Benth.
- ✓7816. *Cottea papporoides* Kunth
- ✓7863. *Panicum fasciculatum* var. *reticulatum* (Torr.) Beal
- ✓7875. *Bouteloua eriopoda* (Torr.) Torr.
- ✓7876. *Pappophorum wrightii* S. Wats.
- ✓7878. *Bouteloua gracilis* (H.B.K.) Lag. ?
- ✓7879. *Andropogon barbinodis* Lag.
- ✓7904. *Bouteloua aristidoides* (H.B.K.) Griseb.
- ✓7937. " *eriopoda* (Torr.) Torr.
- ✓7938. *Muhlenbergia arenicola* Buckl.
- ✓7971. *Bouteloua parryi* (Fourn.) Griffiths
- ✓7992. *Panicum hirticaule* Presl



Johnston, I. M. and Chase, Agnes. 1938. "List of Mexican Grasses." *Plant lists : Argentina, Chile, and Mexico*

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