

AVENA STRIATA, Michx. forma ALBICANS, Fernald, Rhodora, VII: 244.

*A. striata*, Cat. Can. Pl. II: 213 in part.

Distinguished from the species only by its pale, straw-colored glumes. Collected on Mount Albert, Gaspé, by John Macoun in 1882, No. 30,085. Described from specimens found at the same place and at Bic, Que., by Messrs. Fernald and Collins in 1904 and 1905.

BROMUS JAPONICUS, Thunb.

*B. patulus*, Mert. & Koch.

Collected at Toronto, Ont., by Mr. W. Scott and called *B. squarrosus* to which it is very similar. Mr. Scott's specimens differ from typical *B. Japonicus* in their short-rayed panicles. Introduced. New to Canada.

SCIRPUS VALIDUS, Vahl.

*S. lacustris*, Cat. Can. Pl., II: 99 in part.

Sable Island, N.S., 22,633. (*Macoun.*) Campbellton, N.B., 32,359. (*R. Chalmers.*) Ottawa, Ont., 7,541; Chelsea, Que., 61,187; Niagara Falls, Ont., 34,583; Algonquin Park, Ont., 21,906; Lake Nipigon, Ont., 32,357. (*Macoun.*) Edmonton, Ont., 25,344. (*Jas. White.*) Grassy Narrows, Lake Winnipeg, 32,356. (*J. M. Macoun.*) Brandon, Man., 16,407; Sage Creek, Sask., 16,410; Cardston, Alta., 68,933; Cypress Hills, Alta., 16,409. (*Macoun.*) An abundant and widely distributed species not represented in our herbarium from west of Alberta.

SCIRPUS OCCIDENTALIS, (Watson) Chase, Rhodora, VI: 68.

*S. lacustris*, Cat. Can. Pl. II: 99 in part.

*S. lacustris*, var. *occidentalis*, Wat.; Cat. Can. Pl. II: 100.

Brackley Point, P.E.I., 32,360; Annapolis, N.S., 32,358; Grand Narrows, Cape Breton Island, N.S., 20,772; Sarnia, Ont., 34,582. (*Macoun.*) Toronto, Ont. (*W. Scott.*) Skull Creek, Crane Lake, Sask., 7,540; Prince Albert, Sask., 16,408; South Saskatchewan River, 32,361; Kananaskis, Rocky Mountains, 32,362. (*Macoun.*) Canoe River, head of Columbia River, Rocky Mts., 20,773. (*W. Spreadborough.*) Widely distributed in British Columbia but seldom collected.