

✓ 14. PHRAGMITES CORDATIFORMIS, S. N. (Fig. 22.)

An inch or more in width when full grown. Parallel veins distant from each other at ~~out~~ 5 millimetres, and with some intervening striae. Resembles *P. Cretaceous*, Lesq., from Nebraska, but differs in venation. To the naked eye this leaf very closely resembles *Cordaites borassifolia* of the coal formation.

Collected by Mr. James Richardson, at North Saanich and Nanaimo, and by Dr. G. M. Dawson, at Baynes' Sound. 1875, 1876, 1878.

✓ 15. SABAL IMPERIALIS, S. N. (Fig. 23.)

*Sabal*, Sp., Newberry, Boston Journal, Vol. VII., No. 4.

Midrib elongate; more than 16 centimetres long and 1.8 wide; coarsely striate longitudinally, perhaps in consequence of pressure. Leaf having folds varying from 8 to 15 millimetres in breadth, at angle of 55° to 60° at base, more acute upward. Nerves fine, 30 to 60 on each fold, five or six on each side of the middle being coarser than the others. General form and margin unknown, but must have been one to two feet or more in diameter of blade. This is undoubtedly the *Sabal* mentioned by Lesquereux and Newberry, as found in fragments in collections from Nanaimo. At the Harwood colliery, ~~on that island~~ Mr. Richardson obtained large leaves, but on a shale so brittle and jointed that it was impossible to secure them entire.

Nanaimo,

✓ 16. SALIX PACIFICA, S. N. (Fig. 24.)

Leaf elongate, pointed at both ends. Apex somewhat abrupt, base oblique. Length 8.5 centimetres, breadth in middle 1.3 centimetres. Midrib conspicuous; margin entire. In one specimen a group of leaves appears attached to a slender twig.

Collected by Dr. G. M. Dawson, at Baynes' Sound.

17. POPULUS RHOMBOIDEA, Lesq.

Lesquereux. American Journal of Science, Vol. XXVII, p. 360.

Originally described by Lesquereux from specimens collected by Dr. John Evans at Nanaimo. Was described as "rhomboidal, with the margin irregularly toothed above and entire near the slightly decurrent base. Lateral primary veins diverging at an acute angle like the secondary ones, and ascending to both corners of the rhomb of the leaf, all strongly marked with scarcely visible percurrent veinlets." It is a leaf with the venation on the same plan with that of the modern *P. grandidentata*.

Collected by Mr. J. Richardson, at Newcastle Island.

✓ 18. POPULUS PROTOZADACHII, S. N. (Fig. 25.)

Closely allied to *P. Zadachii*, of Heer, in its style of venation and crenated margin, but with fewer and more delicate veins and broader form.

Collected by Mr. J. Richardson, at Newcastle Island. 1873.

✓ 19. POPULUS TRINERVIS, S. N.

A poplar-like leaf, with three slender veins forking upwards. Very peculiar and distinctive, and represented by several specimens but all imperfect at the margins.

Collected at Nanaimo by Mr. James Richardson, and at Baynes' Sound by Dr. G. M. Dawson.