

✓ 6. *DAVALLITES RICHARDSONI*, S. N. (Figs. 18, 18 a, 18 b.)

Barren pinnæ, nearly at right angles to the petiole; narrow, with oboval pinnules, united at base, few veined and slightly decurrent on the partial petiole, to which they are at right angles. Length of pinnæ 5 millimetres or less. Terminal pinna obtuse, lobed. Fertile pinnæ much narrower with semilunar pinnules, each with two thecæ on the upper edge.

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

✓ 7. *ADIANTITES PRÆLONGUS*, S. N. (Fig. 19.)

Frond simple, widening gradually from the base to near the apex, which is truncate and sometimes lobed. Length 10 centimetres, breadth about 3 centimetres. Texture apparently thin and delicate. Veins slender, diverging at very acute angles, and forking several times. This is evidently a fern, but of doubtful affinities.

Collected by Dr. G. M. Dawson at Baynes' Sound. 1878.

✓ 8. *PECOPTERIS*, S. N.

Tri-pinnate, with small closely placed pinnules, bluntly pointed. Venation obscure.

Collected at Baynes' Sound, by G. M. Dawson. 1878.

9. *ASPIDIUM KENNERLII*, Newberry, Boston Journal of Natural History, Vol. VII, No. 4.

This fern, said by Newberry to be very abundant in the shales over the Newcastle coal at Nanaimo, appears only in a few fragments in the collections submitted to me.

✓ 10. *TORREIA DENSIFOLIA*, S. N. (Fig. 20, 20 a.)

Branchlets with crowded leaves, which are about 2 centimetres long and 4 millimetres in breadth, obtusely pointed, parallel-sided and decurrent on the branchlets; one-veined, thick. In the absence of any knowledge of its fruit, the reference of this very distinct and beautiful plant is of course very uncertain.

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

✓ 11. *GLYPTOSTROBUS*, S. N.

Fragments of branchlets resembling *G. Europeanus* in size and form, but too obscure for certain determination.

Collected by Dr. G. M. Dawson, at Baynes' Sound. 1878.

✓ 12. *TAXODIUM CUNEATUM*, Newberry, Boston Journal of Natural History, Vol. VIII, No. 4.

Newberry describes this as follows: Leaves numerous, short, broad-spatulate in form, rounded or sub-acute at summit, narrowed into a very short petiole or sessile on the branchlets.

Collected by Mr. J. Richardson, at Nanaimo and Protection Island. 1873 (Newcastle 7472)

✓ 13. *SALISEURIA BAYNESIANA*, S. N. (Figs. 21 and 21 a.)

Leaf obliquely cuneate, thick; nervation dichotomous, obscure. Margin entire at sides, sinuate at apex. Leaves of *Salisburya*, possibly of the same species, though somewhat larger, are found at Beaver Harbour, and are associated with oval seeds or nutlets possibly of the same tree.

Collected by Dr. G. M. Dawson, at Baynes' Sound and Beaver Harbor. 1878, 1882.