

leallets, all small, it is probable that they belong to a diminutive Cretaceous representative. It is interesting thus to find so close an ally of the modern form in the Upper Cretaceous. It may be compared with *S. adiantoides*, Heer, from the Tertiary of Greenland, and with *S. Laramiensis*, Vard., from the Laramie of Point of Rocks, Wyoming, being about the same size and a little wider in proportion. *S. primordialis*, Heer, of the Lower Atané of Greenland (Middle Cretaceous) is a closely allied species, but larger and coarser in structure.

Common in the shales at Port McNeill. G. M. Dawson.

9. *SABAL IMPERIALIS*, Dill.

Plate XIV., fig. 61

Figure here, of the natural size, an unusually perfect specimen of the central part of the leaf of this fan-palm, which seems to be not uncommon at Nanaimo, but always hitherto in fragments. It was probably a low-growing species, as no specimens of the stem have been seen. The specimen figured is from the collection of Mr. Robins at Vancouver Colliery.

10. *SALIX*, sp.

Plate VII., fig. 22

The specimen figured represents a leaf somewhat rare in the collections, and for the most part imperfect. It may be a species of *Salix*; but leaves of this genus are so variable that I hesitate to give it a specific name. It resembles somewhat *S. Hayii* of Lesquereux, from the Dakota of Kansas, but is larger.

Port McNeill. G. M. D.

11. *POPULITES PROBALSAMIFERA*, s. n.

Plate VII., fig. 23.

A small, obovate, acuminate leaf, with entire margin and veins of camptodrome type, resembling that of *P. balsamifera*. It may be compared with *P. Sterenbergii*, Lesq., from the Dakota group, and with *P. Broggeri*, Heer, from Greenland, and also from the Dakota group.

Port McNeill. G. M. D.

12. *BETULA PERANTIQUA*, Dill.

Trans. Royal Society of Canada, 1883, Pl. IV., Plate VII.

The original specimen of this species is from Baynes' Sound, and is the oldest of our known birches. Similar species are found by Lesquereux in the Dakota group. His *Betulites Westii* is near to this species.

Port McNeill. G. M. D.

13. *FAGOPHYLLUM RETOSUM*, s. n.

Plate VII., fig. 15.

Leaf ovate-oblong, cuneate at base, entire (?). Nerves simple, at an acute angle, somewhat distant, cross nervilles distinct. Apex not seen, probably obtuse. This leaf is

See, IV., 1893, s.