

*ARALIA*, Sp.

Fragments of a large leaf which may be *A. Saportana*, Lesq., but is too imperfect for certain determination.

Collected by G. M. D. at Middle Branch, North Fork, Old Man River.

*ARALIA* ROTUNDATA, S. N. (Plate IV, Fig. 5.)

Leaf large, 7 centimetres long, with five strongly marked ribs at angles of about 20°. General form broad cuneate or fan-shaped, with five rounded terminal lobes.

Collected by T. C. W. at Mill Creek.

*ARALIA* WESTONII, S. N. (Plate IV, Fig. 6.)

Leaf five-parted and five-veined, basal angle approaching to 90°. Central lobe lanceolate, much larger than next lobes, and these larger than lateral lobes. Surface shining and coriaceous.

Abundant in Mr. Weston's collections from Mill Creek. The generic name is quite conjectural, as the finer textures of the leaf are not apparent. At first sight, in size and general aspect, the leaves resemble those of *Acer campestre*, but are different in details.

*HEDERA* OVALIS? *Lesquereux*.

Lesquereux, Cretaceous Flora, p. 91.

Form circular to round oval, venation of hederaceous type, and so much like that of the species above named that I think it may safely be referred to it.

Collected by T. C. W. at Mill Creek.

*MAGNOLIA* MAGNIFICA, *Dawson*.

Dawson, Trans. Roy. Soc. Can., Vol. I, Sec. IV.

A large leaf in Mr. Weston's collections from Mill Creek is similar in form to the leaf of the Peace River species above named, but the venation is not preserved.

*PALIURUS* MONTANUS, S. N.

Leaf large, about 8 centimetres long, membranous, oblong or long-ovate, entire, three-ribbed, but middle rib greatly dominant and sending off curved veins toward apex; lateral veins slender, near the margin and curved parallel with it.

This genus is represented by species different from the above in the Dakota group and in Greenland. It seems difficult to distinguish fossil leaves of this type from those of the allied genus *Ceanothus*.

Collected by G. M. D. at Middle Branch, North Fork, Old Man River.

*PALIURUS* OVALIS, S. N. (Plate IV, Figs. 4 and 8.)

Ordinary leaf five centimetres long, and 2.5 wide, almost perfectly elliptical, but a little more obtuse at apex than at base. Midrib strong, lateral veins very faint, in some specimens obsolete.

These leaves differ little in form from *P. membranaceus*, Lesquereux, from the Dakota group, but are more coriaceous.

Collected by T. C. W. at Mill Creek.

*JUGLANDITES* CRETACEA, S. N.

Leaf small, oval, crenate or bluntly toothed, membranous, with four pairs of veins, curving in a camptodrome manner. Surface rough, ordinary length 4.5 centimetres.