

PSEUDOLESKEA ATRICHA, Kindb. (N. sp.)

P. atrovirens Var. *atricha*, Kindb., Macoun, Cat., Pl. VII, 180.

Tufts brownish or olivaceous, with green tips, loosely cohering, without rhizoids. Leaves distinctly papillose, ovate-oblong, short-acuminate, serrulate at the acumen, cells elongate, conflated, irregularly sinuous. Capsules not found.

On rocks along the Eagle River, just below the little bridge at Griffin Lake, B.C., August 11th, 1889. (Macoun.)

THUIDIUM (Elodium) PSEUDO-ABIETINUM, Kindb. (N. sp.)

Stems imbricate, densely tufted, creeping, densely brown-tomentose, simply pinnate; branches distant, short. Stem-leaves faintly papillose, broad-ovate, short-acuminate; cells generally elongate, the middle ones oval-oblong; branch-leaves ovate-oval subobtusate, distinctly denticulate and papillose on both sides, opaque. Capsule curved, lid not found. Monocious. Habit of *Thuidium* (Elodium) *paludosum*.

In a swamp a little west of Britannia Station, and south of the Canadian Pacific Railway, six miles west of Ottawa, September 11th, 1890. (Macoun.)

THUIDIUM ABIETINUM, *PACHYCLADON, Kindb. (N. subsp.)

Differs in the branches being crowded, the stem leaves gradually long acuminate, ovate-lanceolate, the apical cells narrow, the basal orange. Capsules not found. Resembling in habit *Thuidium Blanfordii*.

On rocks, summit of Tunnel Mountain, at Banff, Rocky Mountains, Alt. 5,500 feet, June 29th, 1891. (Macoun.)

ISOTHECIUM MYOSUROIDES, *BREVINERVE, Kindb.

I. acuticuspis, Mitt.

Differs in the stem leaves being nearly entire, long acuminate, with a short and sometimes forked or indistinct costa. Capsules not found. Diocious.

New Harbor and Speedwell Bay, Newfoundland, Dec. 11th, 1890. (Rev. A. C. Wagborne.)

ISOTHECIUM MYOSUROIDES, *HYLOCOMIODES, Kindb. (N. subsp.)