

lines wide and the floating leaves are very seldom produced. Hull.
Aylmer, Meech's Lake.

—var. *LONGIPEDUNCULATUS*. (Merat) Morong.

Submersed leaves 1—2 inches long and 2—3 lines wide sharp pointed.

Internodes very long. Peduncles 3—6 inches long. Floating
leaves ovate. Templeton. (W. Scott.) Meech's Lake. Kingsmere.

—var. *MAXIMUS*, Morong.

"All parts greatly elongated. Floating leaves often lanceolate and
sharply pointed, 3—4 inches long and 6—14 lines wide. Sub-
mersed leaves 2—6½ inches long and 3—8 lines wide, 5—9
nerved." (Morong.) Specimens collected at Kettle Island were
placed here by Mr. Morong.

2438. *P. LUCENS*, L.

Meech's Lake. This is the only actual record I have of this species.

Leaves shining green, all submersed, short-petioled, oval or lan-
ceolate, mucronate. Fruit roundish, compressed with obtuse
margins, slightly keeled.

2439. *P. ANGUSTIFOLIUS*, Berch and Presl.

P. Zizii, Mertens and Koch.

Meech's Lake. Templeton. This resembles *lucens* in the green
shining leaves; but is slenderer and has emersed floating leaves
with petioles a little shorter than the blade.

2441. *P. PERFOLIATUS*, L.

Green's Creek. (Dr. H. B. Small.*) Kettle Island. (J. F.)

McLaurin's Bay, East Templeton. (W. Scott.) The type has
orbicular ovate or shortly lanceolate leaves and short peduncles. It
is decidedly rare at Ottawa.

—var. *RICHARDSONII*, A. Bennett (MS).

P. perfoliatus, L. var. *lanceolatus*, Robbins.

This is the common form at Ottawa; it has long lanceolate acumi-
nate leaves, sometimes over 4 inches in length and the long
peduncles are distinctly thickened upwards. (B.)

2442. *P. ZOSTERIFOLIUS*, Schum.

P. compressus, Fries.

Common. Stems flattened and winged. Leaves grass-like, abruptly
pointed. (B.)