



2. VALLISNERIA L. Tape-grass, Eel-grass

Rooted in mud, leaves submersed; sepals 3, petals 3; staminate flowers minute, many in a head borne under water, flowers separating at anthesis and floating, stamens usually 2; carpellate flowers epigynous, white, sessile and solitary in a long-peduncled spathe, stigmas 3, these flowers at surface of water at anthesis, fruit under water as a result of coiling of peduncle.

1. †*Vallisneria americana* Michx. var. *americana*

Tape-grass, Eel-grass, Wild Celery

Stems short, leaves basal, ribbon-like, up to 2 m long. Syn.: *V. spiralis* of American authors, not L., *V. spiralis* L. var. *americana* Torr.

REFERENCES: Riddell 1834:158; Sullivant 1840:41; Selby & Craig 1890:15; Kellerman & Werner 1893:230 (#394a, quite abundant in the lagoons near the river, 23 Aug 1890); Braun 1967:60 (illus. p. 58).

HERBARIUM RECORD: 21 May 1933—OSU, Hicks.

NOTE: See Lowden 1982:290 (illus. p. 274).

JUNCAGINACEAE, Arrow-grass Family

Of marshes and bogs; leaves all basal; flowers regular, bisporangiate, small, greenish, in a bractless raceme; sepals and petals 3; stamens 6, attached at base to perianth; carpels 3 or 6, united until mature, separating at maturity, becoming follicles; ovule solitary in each carpel.

1. TRIGLOCHIN L. Arrow-grass

Leaves slender, basal, with membranous sheaths; anthers sessile.

a Locules 6; fruit ovoid-ellipsoid, the beaks recurving at maturity. 1. *T. maritimum*

a' Locules 3; fruit linear-clavate, the carpels at maturity separating from base upward, each carpel pointed at base.
2. *T. palustris*

1. †*Triglochin maritimum* L.

Seaside Arrow-grass

Carpels 6; fruit ovoid-ellipsoid, appearing 12-ribbed. Syn.: *T. elatum* Nutt., *T. maritima* L.

REFERENCES: Sullivant 1840:46; Selby & Craig 1890:16.

NOTE: No specimens seen from Franklin Co. Not mapped for Franklin Co. by Braun 1967:47 (illus. p. 46).

2. †*Triglochin palustre* L.

Marsh Arrow-grass

Carpels 3, united until maturity into a linear or club-shaped fruit blunt at apex and narrow at base, upon ripening separating from base upward. Syn.: *T. palustris* L.

REFERENCES: Sullivant 1840:46; Selby & Craig 1890:16.

HERBARIUM RECORD: 1840—Cols., Sullivant.

NOTE: Not mapped for Franklin Co. by Braun 1967:48 (illus. p. 46).

POTAMOGETONACEAE, Pondweed Family

Aquatic herbs with submersed stems and leaves and sometimes also floating leaves; leaves alternate or the upper opposite; flowers bisporangiate, in peduncled elongate or capitate spikes; perianth none; stamens 4; carpels 4, separate. (Zosteraceae, in part)

1. POTAMOGETON L. Pondweed

Some species with only submersed leaves, other species with both submersed and floating leaves; flowers small, perianth none; stamens 4, with a sepal-like appendage; carpels 4, separate, becoming achenes.

a Floating leaves present.