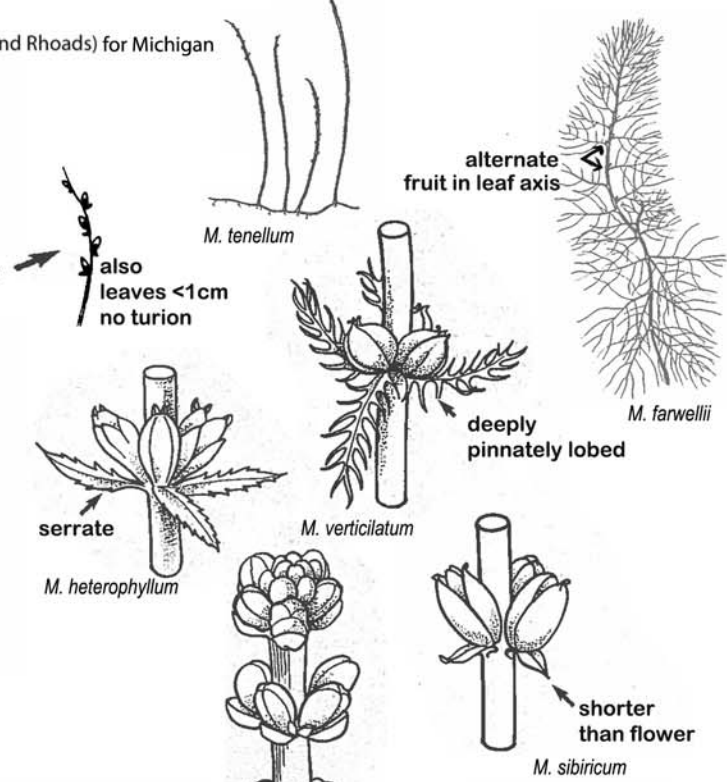
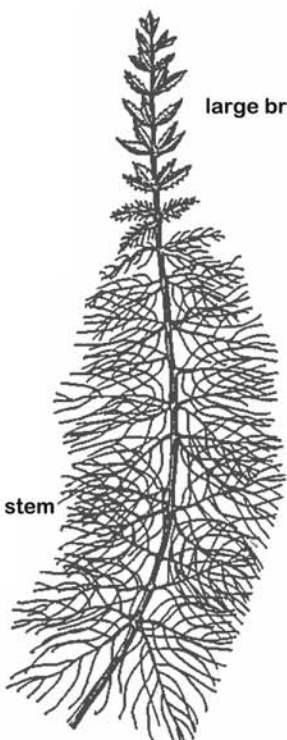


Key to the Species of *Myriophyllum* modified from Aquatic Plants of Pennsylvania (Block and Rhoads) for Michigan

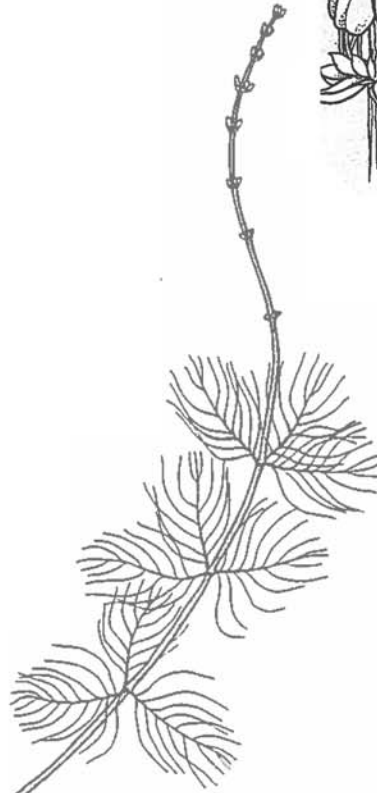
- A. leaves all alternate, reduced to minute bracts *Myriophyllum tenellum*
- A. at least some of the leaves whorled, well-developed
 - B. submersed leaves partly whorled and partly alternate or scattered; flowers and fruits borne in the axils of fully developed submersed leaves *Myriophyllum farwellii*
 - B. submersed and emersed leaves all whorled
 - D. flowers and bracts below flowers alternate on stem... *Myriophyllum alterniflorum*
 - D. flowers and bracts below flowers all whorled
 - E. bracts (reduced leaves) subtending the flowers deeply pinnately lobed *Myriophyllum verticillatum*
 - E. bracts (reduced leaves) subtending the flowers entire or serrate
 - F. floral bracts serrate, much longer than the flowers..... *Myriophyllum heterophyllum*
 - F. floral bracts entire, slightly longer than, equal to, or shorter than the flowers
 - G. leaf segments 4-14 per side; stem diameter uniform..... *Myriophyllum sibiricum*
 - G. leaf segments 5-24 per side; stem thicker below the inflorescence..... *Myriophyllum spicatum*



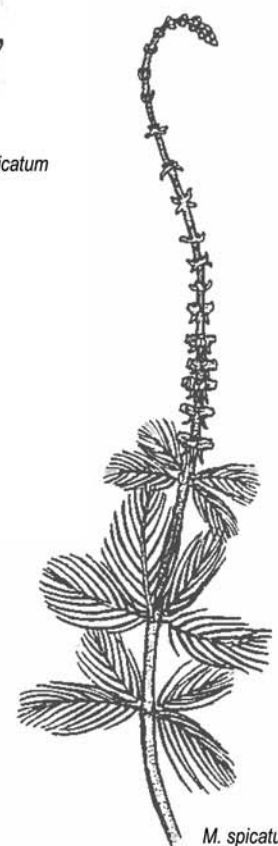
M. verticillatum
leaves smaller & stalkless
turions formed adjacent to stem



M. heterophyllum
no turion
leaves 1.5-4cm



M. sibiricum
leaves tend to hold shape out of water
stems whitish or tan more stout
turions small



M. spicatum
leaves delicate
stems thin flexible often pinkish
no turion



winter bud (turion)

Table 8.1. Comparison of Vegetative Characteristics of *Myriophyllum sibiricum*, *M. spicatum*, and *M. verticillatum*

	<i>M. SIBIRICUM</i>	<i>M. SPICATUM</i>	<i>M. VERTICILLATUM</i>
leaves per node	4, less often 5	4, rarely 5	4 or 5
leaf length	1.5-3 cm	2-4 cm	2-4.5 cm
pairs of leaf segments	4-14	5-24	9-17
stem width	constant throughout	twice as wide below the inflorescence	constant throughout
turions	cylindrical, tapering, leaves smaller than normal summer leaves	not produced	club-shaped, leaves similar to normal summer leaves