

# Aquatic plants as indicators of the conservation value of drains

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# Aquatic plants are useful indicators of the conservation value of drains

## Important factors affecting drains of conservation value for plants



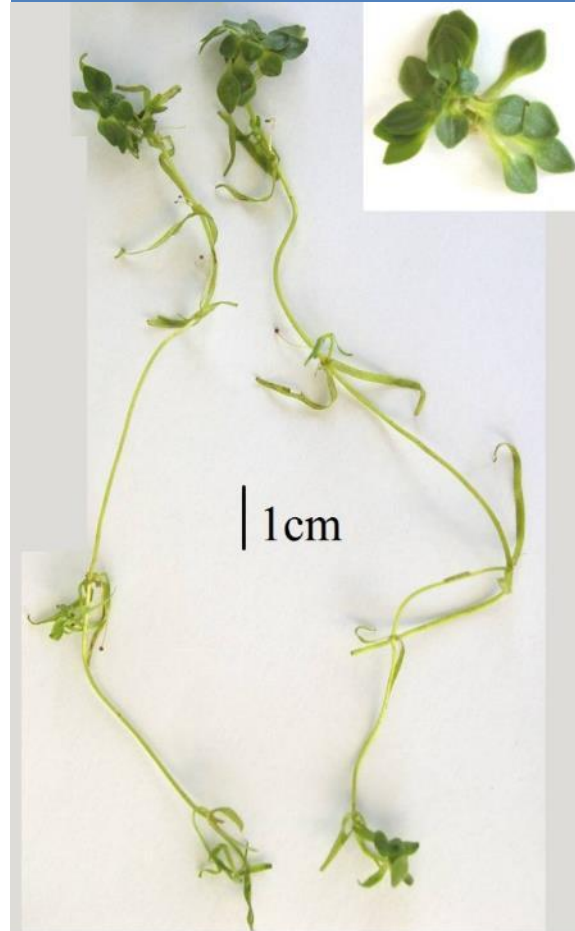
- Bed geology
- Clear water
- Not heavily shaded (reed or bushes)
- Maintained summer water level (crop irrigation)
- Some regular management (dredging and weed cutting)

# Water-starworts (*Callitriche* species)

Floating rosettes



Single stems



# Water-crowfoots (aquatic *Ranunculus* species)

White Flowers



Single stems



# Broad-leaved Pondweeds

**Broad-leaved Pondweed**  
*Potamogeton natans*



**Shining Pondweed**  
*Potamogeton lucens*



# Grass-leaved Pondweeds

**Hair-like Pondweed**  
*Potamogeton trichoides*



**Grass-wrack Pondweed**  
*Potamogeton compressus*



# Opposite-leaved Pondweed *Groenlandia densa*

Single stem



Typical habitat



# Water-milfoils

**Spiked Water-milfoil**  
*Myriophyllum spicatum*



**Whorled Water-milfoil**  
*Myriophyllum verticillatum*





# Water-violet *Hottonia palustris*

Typical submerged form



Terrestrial Form



# Frog-bit and Fringed Water-lily



# Charophytes (Stoneworts)

*Chara vulgaris*



*Tolypella glomerata*

