
Appendix 4b Macrophyte Survey Notes

Aquatic Macrophyte Survey Target Notes

4 September 2007

TARGET NOTE	PHOTOGRAPH
<p>1. NN32928.13252 to NN32925.13284 The substrate is cobble, pebble and along the shoreline, gravel dominates.</p> <p><u>Growing in shallow water:</u> <i>Littorella uniflora</i> (LA), <i>Lobelia dortmanna</i> (O), <i>Isoetes lacustris</i> (R), <i>Phalaris arundinacea</i> (O)</p> <p><u>Growing on the shore:</u> <i>Fontinalis antipyretica</i>, <i>L. uniflora</i>, <i>J. bulbosus</i> and <i>Ranunculus flamula</i>.</p> <p><u>Washed up on shore:</u> <i>Juncus bulbosus</i>, <i>Callitriche hermaphroditica</i>.</p>	
<p>2. NN32925.13284 to NN32854.13359 The substrate along this section is predominantly gravel/pebble, with some cobble and boulder.</p> <p><u>Growing in shallow water:</u> <i>Littorella uniflora</i> (LD), <i>Lobelia dortmanna</i> (R), <i>J. bulbosus</i> (O), <i>P. alpinus</i> (R), <i>R. flamula</i> (O).</p> <p><u>Growing on the shore:</u> <i>J. articulatus</i>, <i>R. flamula</i>, <i>Littorella uniflora</i>, <i>P. arundinacea</i> and <i>Caltha palustris</i>, <i>Filipendula ulmaria</i>,</p> <p><u>Washed up on shore:</u> <i>Elodea</i> sp. and <i>Sparganium</i> sp.</p>	<p>Shore line similar to photo above</p>
<p>3. NN32854.13359 to NN32798.13406 The substrate along this section is predominantly gravel/pebble, with some cobble and boulder.</p> <p><u>No aquatic macrophyte species noted. Site of known otter sprainting site.</u></p>	
<p>4. NN32798.13406. to NN32791.13452 The substrate along this section is predominantly cobble and boulder, with just one patch of <i>L. uniflora</i> (LA) noted. Site was not accessible north of NN32791.13452 due to deep water and unstable nature of substrate.</p>	
<p>5. NN32650.13662 to NN32622.13681</p>	

<p>Substrate dominated by boulders with exposed bedrock present along shoreline.</p> <p><u>No aquatic macrophyte species noted.</u></p>	
<p>6. NN32622.13681 to NN32590.13687</p> <p>Stream inflow with sand/gravel substrate, potential lamprey habitat.</p> <p><u>Growing in shallow water:</u> <i>L. uniflora</i> (LD), <i>J. bulbosus</i> (O), <i>P. alpinus</i> (R), <i>R. flamula</i> (O), <i>Myriophyllum alterniflorum</i> (O), <i>P. alpinus</i> (O). <u>Washed up on shore:</u> <i>Elodea</i> sp., <i>Nitella</i> sp. and <i>Sparganium</i> sp.</p>	
<p>7. NN32590.13687 to NN32571.13715</p> <p>Substrate sand/gravel – possible lamprey habitat. <u>No aquatic macrophyte species noted.</u></p>	
<p>8. NN32571.13715 to NN32428.13749</p> <p>Bedrock in shallow areas and cobble in deeper areas. Much woody debris and leaf litter. In water: <i>L. uniflora</i> (LA), <i>F. antipyretica</i> (O-LF), <i>J. bulbosus</i> (LA), <i>P. arundinacea</i> (A), <i>J. articulatus</i> (R), <i>R. flamula</i> (LA), <i>Elodea</i> sp. washed up on shore.</p>	