

Supplementary

Figure S1. A comparison summary of regulations of the top 10 genes in above and below-ground parts of the macrophyte. The letters represent the genes; Serine/threonine-protein kinase STY46(STY46), Aspartate aminotransferase (AATC), L-asparaginase (ASPGB), Alpha Carbonic anhydrase (α CA), Ammonium transporter 1 member 2 (AMT12), Asparagine synthetase (ASNS), Glutamate synthase 1 [NADH] (GLT1), Ferredoxin-dependent glutamate synthase 1(GLU1), NADP-specific glutamate dehydrogenase (DHE4), and Glutamine synthetase cytosolic isozyme 1(GLNA1) It was plotted using the data of the highest ammonium concentrations only (50 mg/L for leaf and stem; 1250 mg/L for Root) The red and blue represent upregulated and downregulated genes respectively.

