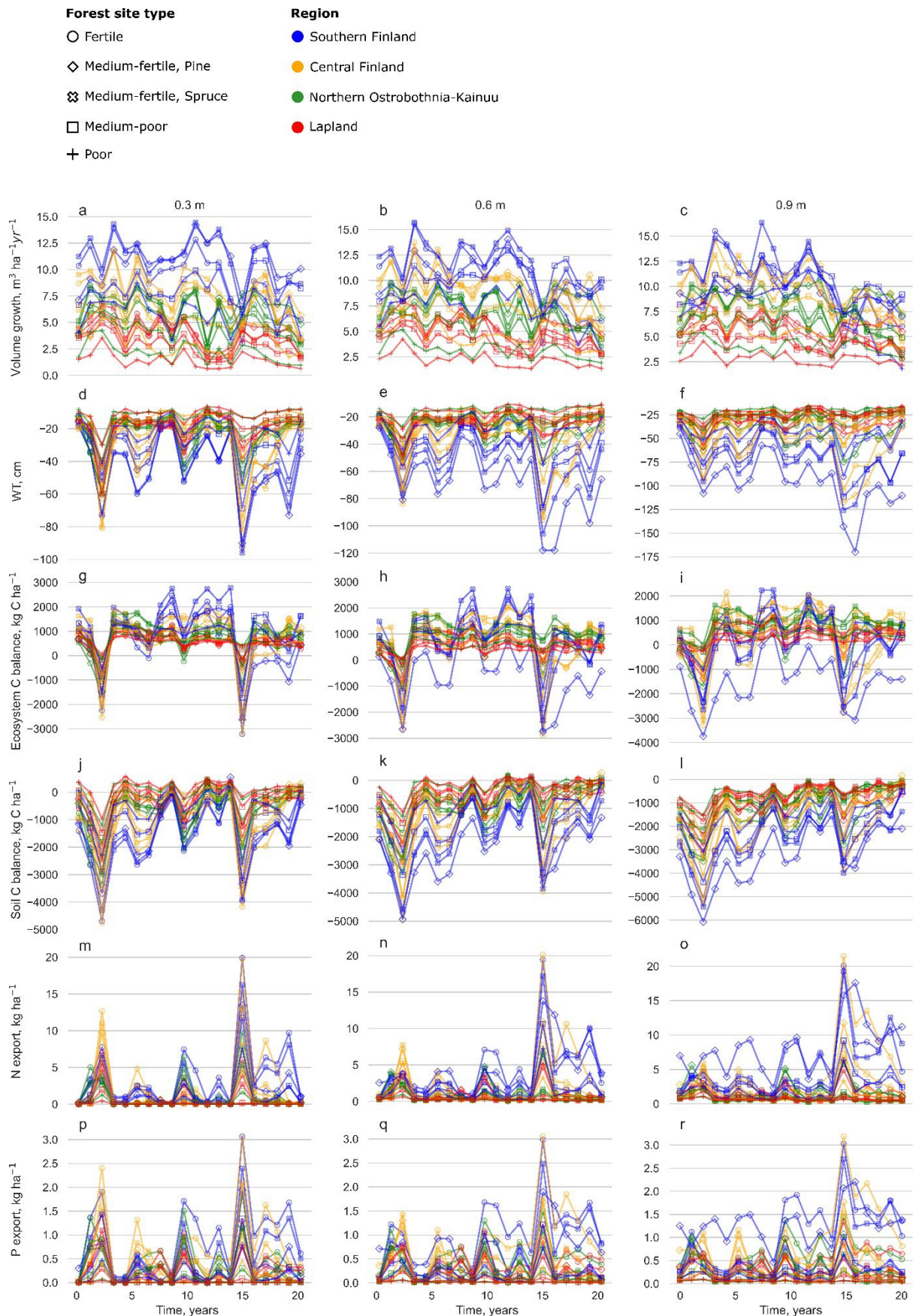


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## **Supplementary file S6**

**Mean annual values for the shallowing scenario.**



**Figure S6.** Mean annual values for volume growth (a–c), ecosystem C balance (g–i), soil C balance (j–l), and N (m–o) and P exports (p–r) during a 20-year period and annual difference in water table (WT) (d–f) in different site types and regions. Each site was

simulated with 0.3 m (leftmost column), 0.6 m (centre column) and 0.9 m (rightmost column) initial ditch depths. Marker colours indicate geographical location (Fig. 1) and marker style different site fertility classes (Table 3). Note different scales in the y-axis between different ditch depth scenarios. Years 3 and 15 were dry and warm years 2006 and 2018, respectively.