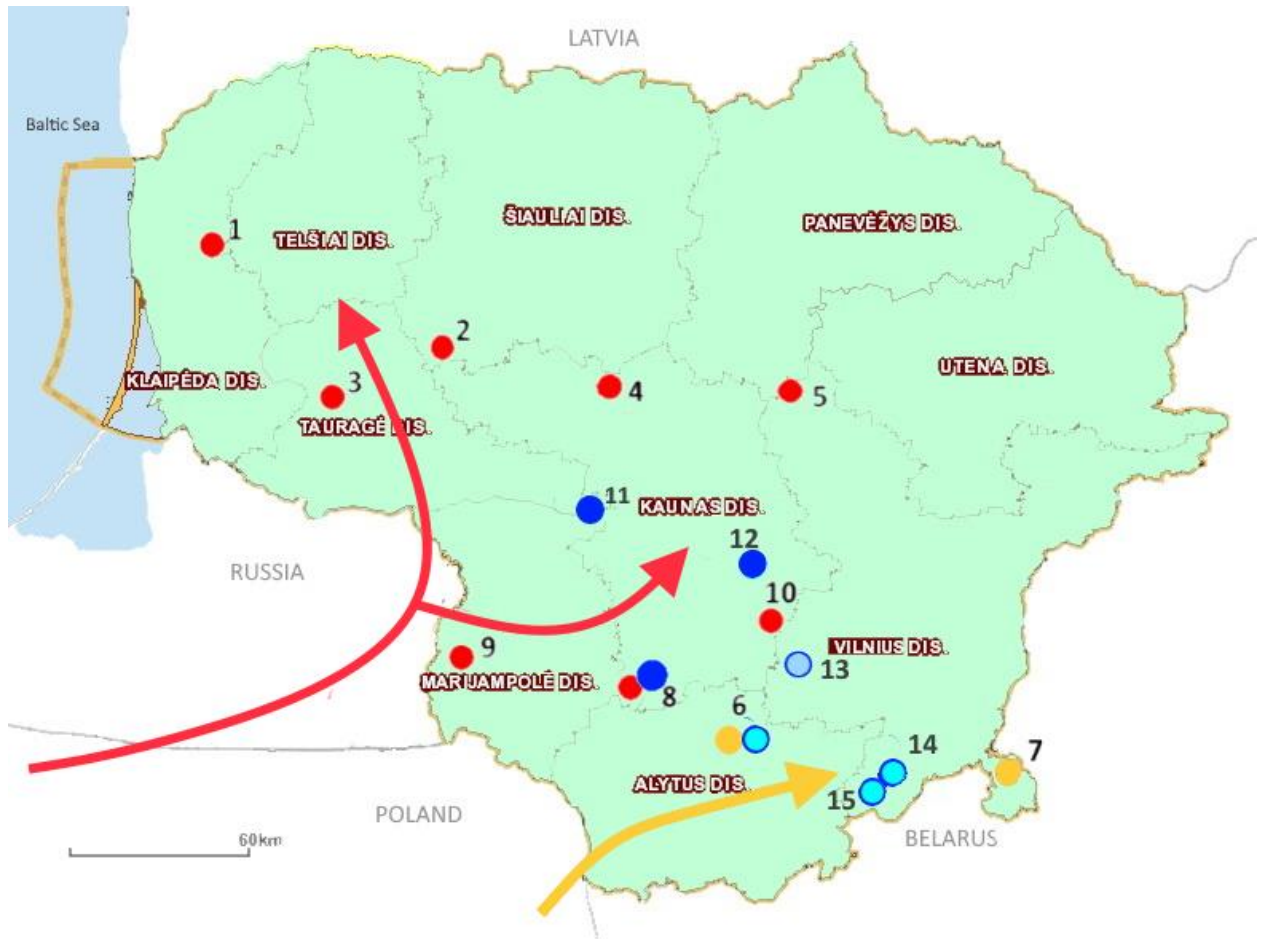


## Supplementary file S1



**Fig. S1.** Map showing populations where European hornbeam (*C. betulus*) samples were collected. The red and orange circles showed populations where the leaves for DNA analysis were collected, and blue circles showed populations where the involucre and nuts were collected (see Table 1). In sites No 1-5, 8-10 cpDNA sequences showed haplotype without deletions, and in populations, No 6 and 7 cpDNA sequences showed haplotype with 24 nt deletions of the psbA-trnH region. Sites, where collected involucre and nuts: 1. Western site (No 8, 11, 12 populations) 2. South-eastern site (No 6, 14, 15), and 3. Intermediate site (No 13). The possible migration ways of *C. betulus* to Lithuanian territory during Holocene.