

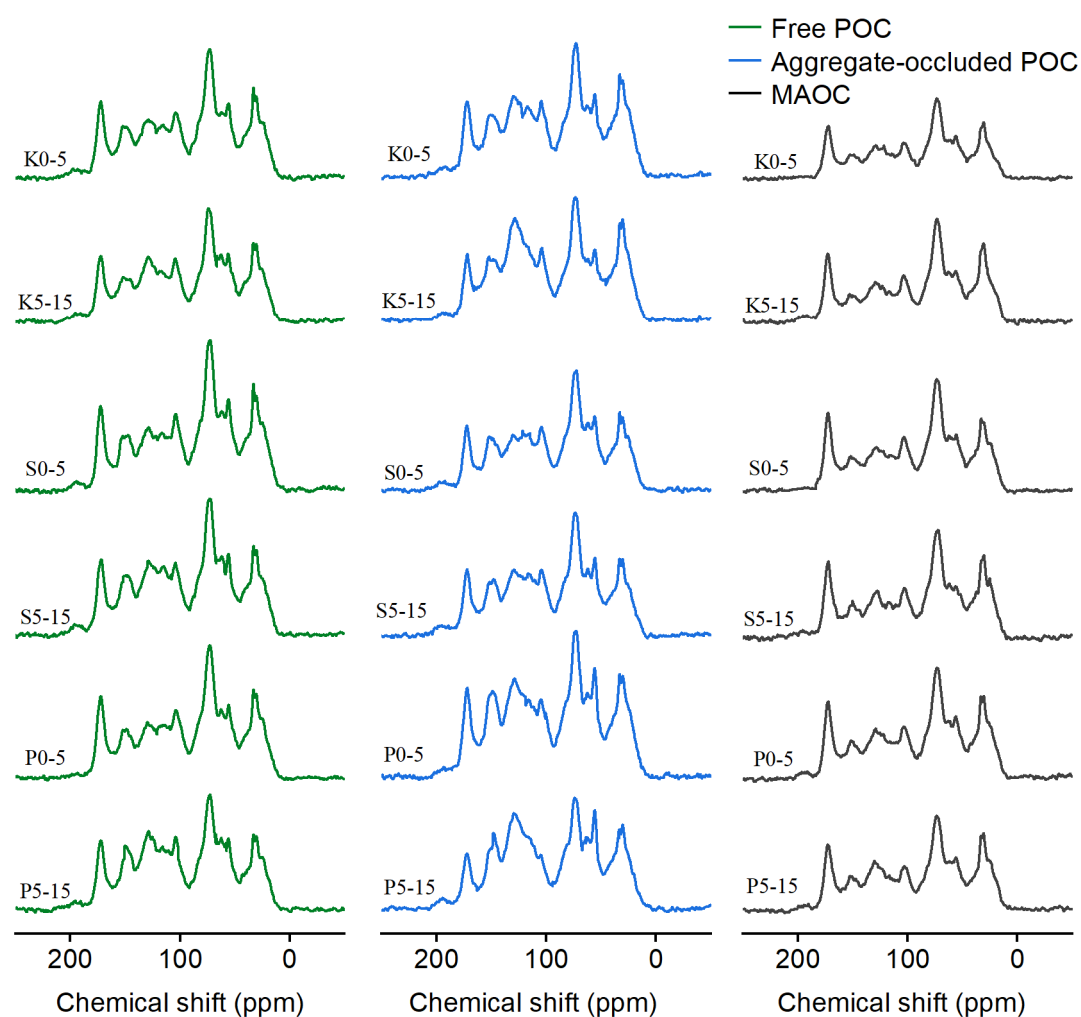


Figure S1. Representative ^{13}C NMR spectra of the HF-treated free POC, aggregate-occluded POC and MAOC in the 0–5 cm and 5–15 cm soil layers under three forest types. K, primary mixed broadleaved Korean pine forest; S, secondary broadleaved forest; P, coniferous plantation.

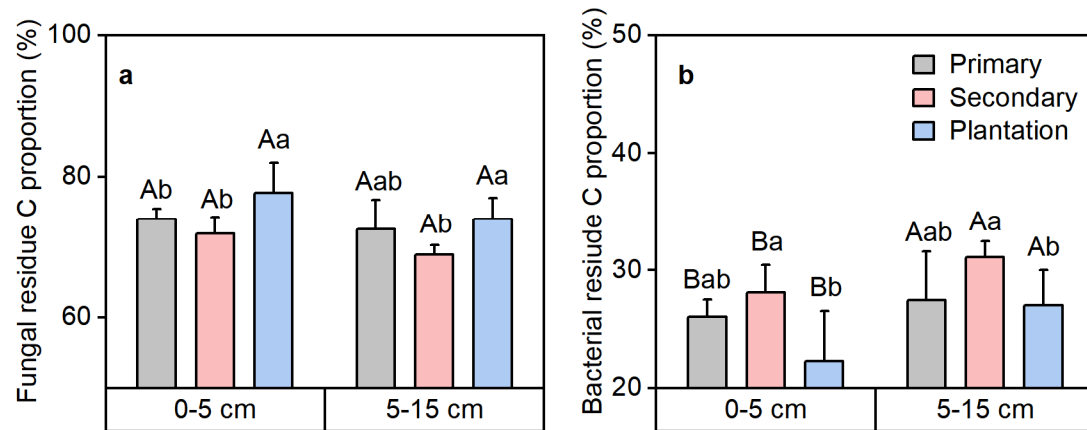


Figure S2. Fungal and bacterial residue C (**a,b**) as a proportion of microbial residue C in the 0–5 cm and 5–15 cm soil layers under the three forest types. Different lowercase letters indicate significance between forest types, and different uppercase letters indicate significance between soil layers at the $p < 0.05$ level.