# Highlights

- Harvesting and forest floor removal alter arthropod, bacterial and fungal Communities in short term (5 year) time scales

- Different levels of biomass removal result in comparable soil biotic communities in the short term

- We found that soil redistribution in disk-trenching soil preparation alters soil communities

- Sampling location selection (relative to trenching) within sites can have a large effect on observed effects in sites where soil preparation has been applied

- DNA metabarcode communities did not appear to be sensitive to seasonal fluctuations within the growing season, and may be a good technique to capture community patterns during the growing season regardless of the timing of sampling