

	Parameter	Frequency
<b>Soil</b>	pH	annual
	Texture	every 20 years
	Inorganic carbon concentration	every second year
	Total carbon concentration	every second year
	Total nitrogen concentration	every second year
	Total phosphorus concentration	every second year
	Soil temperature and moisture (depths: 5, 10, and 55 cm)	every 30 minutes
	Bulk density	every 20 years
	Wood decomposition (popsicle stick method)	biannual
	Microbial biomass carbon/basal respiration (O <sub>2</sub> -microcompensation)	annual
	Microbial community structure (PLFAs)	every second year
Top- and subsoil (long-term archiving, down to 1 m)	every 20 years	
<b>Plants</b>	Tree growth (height, DBH, basal diameter)	annual
	Tree vitality, damage, and mortality	annual
	Leaf Carbon, nitrogen, and phosphorus concentrations	annual
	Mycorrhization rates (AMF and EMF)	annual
	Mycorrhizal fungal communities (DNA-sequencing, AMF and EMF)	annual
	Traits of oak clone phytometers (added to plots)	annual
<b>Other</b>	Air temperature and humidity (height: 1 m)	every 30 minutes
	Plotwise mouse monitoring	every month