| **group** | **outcome variable** | **reported outcome variable** |
| --- | --- | --- |
| disease | disease | disease frequency |
| ecosystem | acetylene reduction | acetylene reduction |
| N fixing |
| C turnover | C turnover |
| decomposition |
| CH4 flux | CH4 flux |
| ecosystem respiration | CO2 flux |
| ecosystem respiration |
| gross ecosystem exchange | gross ecosystem exchange |
| gross primary productivity | gross ecosystem photosynthesis |
| gross primary production |
| net photosynthetic capacity |
| photosynthetic efficiency |
| net ecosystem exchange | net ecosystem exchange |
| net ecosystem production | net ecosystem production |
| plant productivity | biomass production |
| NDVI |
| net aboveground primary productivity |
| net primary production |
| productivity |
| fungal | fungal abundance | fungal biomass |
| hyphal load |
| occurrence of dark septate endophytes |
| root fungal colonization |
| spores presence |
| fungal diversity | morphotype richness |
| morphotype simpson index |
| herbivory | grazing preference | grazing preference |
| herbivory marks | browsing frequency |
| browsing intensity |
| bud damage |
| leaf damage |
| shoot damage |
| herbivory rate | intake rate |
| invertebrate | invertebrate abundance | invertebrate relative abundance |
| nr individuals |
| invertebrate diversity | invertebrate diversity |
| invertebrate evenness | invertebrate evenness |
| invertebrate properties | relative growth rate |
| weight |
| invertebrate species richness | invertebrate species richness |
| microbial | fungi:bacteria ratio | fungi:bacteria ratio |
| microbial abundance | bacteria biomass |
| DNA |
| phospholipid fatty acids |
| RNA |
| microbial activity | microbial activity |
| microbial C content | microbial C content |
| microbial C cycle | alphaglucosidase activity |
| betacellobiosidase activity |
| betaglucosidase activity |
| betaxylosidase activity |
| microbial peroxidase activity |
| microbial respiration |
| phenoloxidase activity |
| microbial N content | microbial N content |
| microbial N cycle | LAP activity |
| microbial acquisition |
| NAG activity |
| nitrogenase activity |
| microbial P content | microbial P content |
| microbial P cycle | acid phosphatase activity |
| phosphatase activity |
| phosphodiesterase activity |
| plant | lichen depth | lichen depth |
| litter abundance | cover litter |
| litter abundance |
| litter depth | litter depth |
| moss depth | moss depth |
| plant abundance belowground | belowground abundance |
| belowground biomass |
| plant abundance bryophytes | aboveground biomass |
| abundance |
| abundance change |
| cover |
| cover change |
| occurrence |
| relative abundance |
| plant abundance cryptogams | aboveground biomass |
| plant abundance cryptogams and other | cover |
| plant abundance dwarf shrubs | aboveground biomass |
| aboveground biomass leaves |
| aboveground biomass woody |
| abundance |
| abundance change |
| biomass change |
| cover |
| cover change |
| occurrence |
| relative abundance |
| relative cover |
| stem density |
| plant abundance forbs | aboveground biomass |
| abundance |
| abundance change |
| biomass change |
| cover |
| occurrence |
| relative abundance |
| seedling density |
| stem density |
| plant abundance forbs and shrubs | aboveground biomass |
| cover |
| stem density |
| plant abundance fungi | cover |
| plant abundance graminoids | aboveground biomass |
| abundance |
| abundance change |
| biomass change |
| cover |
| occurrence |
| relative abundance |
| relative cover |
| stem density |
| plant abundance lichens | aboveground biomass |
| abundance |
| abundance change |
| cover |
| cover change |
| occurrence |
| relative abundance |
| plant abundance mosses and lichens | cover |
| plant abundance tall shrubs | aboveground biomass |
| aboveground biomass leaves |
| aboveground biomass woody |
| abundance |
| cover |
| occurrence |
| plant abundance total | aboveground biomass |
| abundance |
| abundance change |
| biomass change |
| cover |
| cover change |
| seedling density |
| stem density |
| sward height |
| plant abundance trees | occurrence |
| plant abundance vascular cryptogams | aboveground biomass |
| cover |
| plant abundance woody species | aboveground biomass |
| abundance |
| cover |
| plant C content | C pool |
| C pool below |
| organic matter content |
| plant C content |
| plant C content below |
| plant CN ratio | CN ratio |
| CN ratio below |
| plant competition intensity | competition intensity |
| plant defense | catechin content |
| condensed tannins |
| ellagitannin content |
| flavonoid content |
| galloylglucose content |
| hydrolysable tannin content |
| phenolic content |
| quinic acid derivatives content |
| Si:N ratio |
| Si:P ratio |
| Si content |
| volatile organic compounds |
| plant diversity | community stability |
| diversity |
| species frequency |
| species gained |
| species lost |
| species richness change |
| plant diversity variability | community dissimilarity |
| richness variability |
| plant evenness | dominance |
| evenness |
| plant fitness | flower density |
| flower new |
| flower weight |
| flowering change |
| flowering frequency |
| flowering individuals |
| nr flowering shoots |
| nr flowers |
| nr inflorescences |
| nr seeds |
| plant height | height |
| plant leaf size | leaf area |
| leaf area index |
| leaf biomass |
| leaf length |
| leaf weight |
| leaf width |
| specific leaf area |
| plant microclimate | moss layer moisture |
| moss layer temperature |
| plant minerals | Ca content |
| Cl content |
| K content |
| Mg content |
| Na content |
| plant N content | N content below |
| N pool |
| plant N content |
| plant NP ratio | NP ratio |
| plant P content | P content |
| plant physiology | acidic polyphenoloxidase activity |
| alkaline polyphenoloxidase activity |
| anthocyanin content |
| catalase activity |
| chlorophyll content |
| chlorophyll fluorescence |
| evotranspiration |
| leaf greenness |
| peroxidase activity |
| polyphenoloxidase/peroxidase activity |
| stomatal conductance |
| water use efficiency |
| plant population dynamics | colonization |
| extinction |
| germination |
| mortality |
| nr seedlings |
| seed recruitment |
| survival |
| plant population structure | age |
| sex ratio |
| plant quality | acid detergent fibre |
| cellulose |
| crude protein |
| digestibility |
| energy content |
| free aminoacids |
| glucose and fructose content |
| gross energy |
| lignin |
| protein-bound aminoacids content |
| ratio CP:ADF |
| soluble sugar content |
| starch content |
| sucrose content |
| sugar content |
| sugar content below |
| TNC content |
| TNC content below |
| plant species accumulation rate | species accumulation rate |
| plant species richness | seedling richness |
| species richness |
| plant structure | dead biomass |
| diameter |
| leaf:shoot ratio |
| leaf density |
| live biomass |
| nr buds |
| nr internodes |
| nr leaves |
| nr shoots |
| root:shoot ratio |
| shoot length |
| shoot weight |
| total biomass |
| plant structure belowground | bulb biomass |
| nr roots |
| rhizome length |
| root biomass |
| rooting depth |
| plant structure change | height change |
| leaf change |
| leaf death |
| leaf growth |
| leaves new |
| ring width |
| root growth |
| shoot change |
| shoot death |
| shoot dieback |
| shoot growth |
| shoot new |
| vegetation structure | bare ground cover |
| soil | albedo | albedo |
| depth organic horizon | depth organic horizon |
| microorganism abundance | microorganism abundance |
| microorganism relative abundance |
| microorganism diversity | microorganism diversity |
| microorganism richness |
| N immobilization | N immobilization |
| N microbial uptake |
| N mineralization | N mineralization |
| non-polar extractives | non-polar extractives |
| permafrost depth | active layer depth |
| permafrost depth |
| thaw depth |
| pH | pH |
| phenolic content soils | soil phenolic content |
| redox conditions | cation exchange capacity |
| CH4 content |
| O2 concentration |
| redox potential |
| soil free aminoacids |
| salinity | salinity |
| soil C change | soil C change |
| soil C labile | acetate content |
| acid-soluble fraction |
| organic matter |
| soil C labile |
| soil C total | soil C pool |
| soil C total |
| soil CN ratio | soil CN ratio |
| soil compaction | air saturation |
| bulk density |
| soil depth | depth |
| thickness |
| soil moisture | soil moisture |
| soil N labile | soil N labile |
| soil N total | soil N total |
| soil organic acids | acid-insoluble residue |
| total organic acids |
| soil P total | soil P content |
| soil respiration | soil respiration |
| soil temperature | soil temperature |
| water table depth | saturated depth |
| water table depth |