



thermokarst  
lakes



fishing net



hoarfrost



mountain aven



eddy



river beauty



animal bones



moisture flux



snowmelt into  
soils



spruce grouse



pollenation



horse hoof  
fungus



length of day

## BOREAL LEXICON

symbol key

column 1

MOSS



boreal owl



stratigraphy



topography



fungal networks



hare pellets



stink bug



species diversity



sun radiation



morel



spruce needle blight



ice wedge  
permafrost



ferro-  
bacteria



minerals



bird vetch



bluebell



pollen count

## BOREAL LEXICON

symbol key

column 2

MOSS



wildlife  
telemetry



puffball



pheromones



foraging



fly agaric



the musty  
smell of spring  
earth



albedo



grasses



insect eggs



red fox



black spruce



river breakup



tree harvesting



northern pike



fly larvae



mortality

**BOREAL LEXICON**

symbol key

column 3

MOSS



mercury levels



stream flow



mosses



frost heaves



rain



lepidoptera



flood plain



those curious  
lichen in the  
garden



annual  
butterfly  
flight



rusty tussock  
moth



dogwood  
symmetry



post-fire  
succession



air quality



songbird  
migration



beavers



waterfowl

## BOREAL LEXICON

symbol key

column 4

MOSS



endangered species



drunken forest



tree time



trophic cascades



stream hydrology



yellow dock



dappled sunlight



moments of wonder



sublimation



updraft



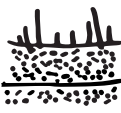
sphagnum and fire



white crowned sparrow



labrador tea



soil active layer

## BOREAL LEXICON

symbol key

column 5

MOSS



snow pack



de-composition



redpoll



cotton grass



soil ph



subsistence



predators



fireweed time



northern hawk  
owl



scales



increasing  
precipitation  
models



agriculture



tracks



conservation



chum salmon



roots



poplar buds



temp vs time

**BOREAL LEXICON**

symbol key

column 6

MOSS



food webs



birch



directionability



little brown  
bat



clumpy  
snowflakes



subsurface  
hydrology



walking on  
snow



virga



invasive plants  
on roadsides



herbivory



blueberry



rot



soil formation



methane



conifer



downy  
feathers

**BOREAL LEXICON**

symbol key

column 7

MOSS



mystery



aspen leaf  
miner



symbiote



thermo-  
regulation



squirrel  
midden



sundew



resilience



sphagnum



increased  
drying



nitrogen cycle



beetle



birdsong



swainson's  
thrush



wood frog



currant



compost  
worms

## BOREAL LEXICON

symbol key

column 8

MOSS





arthropods



leafy



hare-lynx  
cycle



survival



good berry  
harvest



microplastics



sweet scent of  
early summer



lily pad



highbush  
cranberries



crow berry



tiniest  
snowflakes



winter  
storytelling



mayfly larvae



spores



mountains on  
mountains



snowflake  
geometry

**BOREAL LEXICON**

symbol key

column 9

MOSS



camouflage



hairy  
woodpecker



soil nitrogen



phenology



squirrel



tamarack



shrews



spiders



bird song



wild  
raspberry



stealth in  
hunting



mosquitos



temperature



pyrodiversity



willow variety



cattails

**BOREAL LEXICON**

symbol key

column 10

MOSS



interspecies  
communica-  
tion



overcast days



insect  
population  
dynamics



sapling



nest building



mineral soil  
deposits



species  
identification



gas  
transpiration



sinkhole



porcupine



moose poo



habitat  
fragmentation



vole track  
spring



vole



wild rose hip



talik

**BOREAL LEXICON**

symbol key

column 11

MOSS



metabolism



wishing stones



plant diversity



sockeye



ice lenses



leaf litter



social trails



animal travel



animal awareness



migration patterns



lightning strikes



humidity



wind



pond



microbial worlds



least weasel

**BOREAL LEXICON**

symbol key

column 12

MOSS



plant  
productivity



poplar



caribou  
migration



reproduction



creeping  
juniper



deep time



equisetum



snow



forest  
recreation



fire mapping



waterfowl  
ecosystems



observation



sastrugi  
(snow drift)



caribou lichen



paper birch



mycorrhizae

## BOREAL LEXICON

symbol key

column 13

MOSS



edge effects



sundog



sediment transport



carbon sequestration



hunting birds



red squirrels



loess



riparian succession



long nights



hibernation



spruce beetle artifacts



wind patterns



nesting behaviors



nematodes



signs of season shift



disturbance

## BOREAL LEXICON

symbol key

column 14

MOSS



nitrogen fixers



wild  
chammomile



witch's broom



perception of  
color



carbon cycle



butt rot



target canker



erosion



acoustic  
monitoring



bog



competitive  
vegetation



photo-  
synthesis



alpine  
bloodspot  
lichen



human impact



blueberry



fly pollinators

**BOREAL LEXICON**

symbol key

column 15

MOSS



global climate changes



chinook wind



swallowtail



sharp-shinned hawk



remote sensing



pussywillow



symbiosis



parasitism



land management



rural village



western bumblebee



enzymatic action



seed dispersal mechanisms



diversity



raven



leafrollers

## BOREAL LEXICON

symbol key

column 16

MOSS