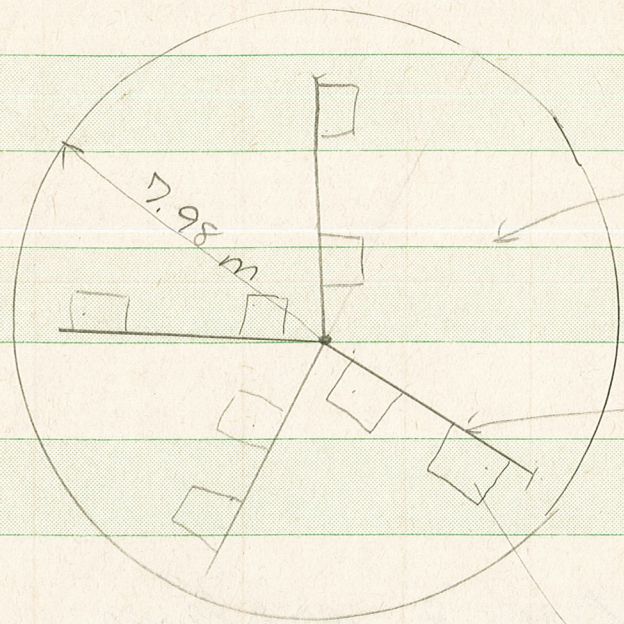


Plot \equiv Stand = 700 m² circular quadrat



trees + saplings: tally all stems of tree species
by 2 cm size classes for
individuals > 1 m ht + < 10 cm DBH
and by actual DBH measurement
for stems > 10 cm DBH

shrub transects: 4- 7.5 m long transects
in randomly chosen directions from the center

[cover of shrubs, trees + saplings, rock, + bare soil
or litter]

herb quadrats: 2 - 1 m x 0.5 m quadrats at random
distances along each transect \rightarrow

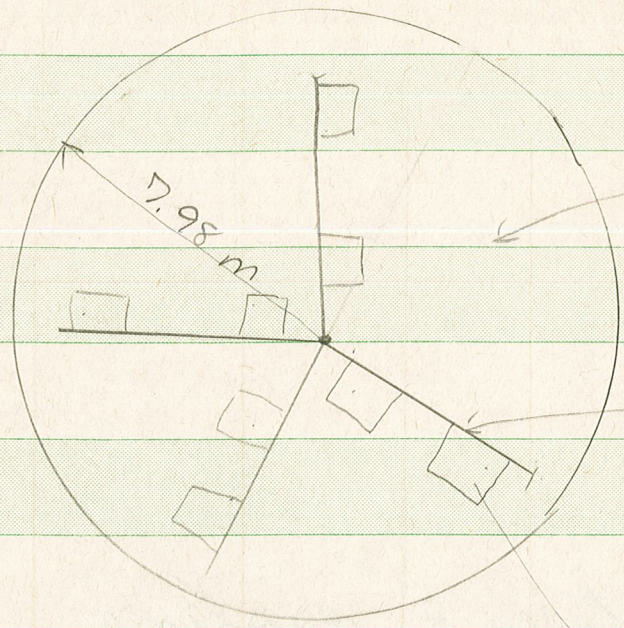
[include seedling abundance (density + cover?)]

Herb quadrats: estimate cover, by species or taxon
generic groups: mosses, lichens, [rock, bare soil] ^{? already done on line transect}
dead wood

lumped taxa: as necessary

soil sample: five randomly chosen locations (direction +
number of paces (from random # table))

Plot \equiv Stand = 700 m² circular quadrat



trees + saplings: tally all stems of tree species
by 2 cm size classes for
individuals > 1 m ht + < 10 cm DBH
and by actual DBH measurement
for stems > 10 cm DBH

shrub transects: 4- 7.5 m long transects
in randomly chosen directions from the center

[cover of shrubs, trees + saplings, rock, + bare soil
or litter]

herb quadrats: 2 - 1 m x 0.5 m quadrats at random
distances along each transect \rightarrow

[include seedling abundance (density + cover?)]

Herb quadrats: estimate cover, by species or taxon
generic groups: mosses, lichens, [rock, bare soil] ^{? already done on line transect}
dead wood

lumped taxa: as necessary

soil sample: five randomly chosen locations (direction +
number of paces (from random # table))

Old field vegetation sampling

Structure : woody vs herbaceous

Composition : major taxa

Environment : soil, topography, hydrology

Structure : (+cover?)

A.) Overall density and size structure of ~~trees~~ trees + saplings
(use DBH as measure of size)

B.) Cover (and height?) of shrubs (and saplings + seedlings) *

C.) Herbaceous-dominated portion calculated by difference

* also measure unvegetated stretches - i.e. rock or bare soil
in patches > 10 cm (~~is~~ of interception)

Composition : partition strata by species

Environment :

Soils: litter depth at randomly located points

Aggregate soil sample for pH, exchangeable cations and texture

Slope, aspect, slope position, (^{theryen} horizon if > 25° in S hemisphere)