

FxC-

Gravel, siliceous-carbonate rocks, poor in clay minerals

Occurrence of substrate type

| | |
|--|-----------------------|
| Area | 13.35 km ² |
| Percentage on total forest mapped area | 0.27 % |

Physical soil properties-mean values according to field description (1)

| Depth [cm] | Coarse fraction [%] | Field capacity [l/m ²] |
|------------|---------------------|------------------------------------|
| 0-15 | 35 ± 25 | 50± |
| 15-30 | 55 ± 15 | |
| 30-60 | 75 ± 20 | |
| 60-100 | 95 ± 5 | |

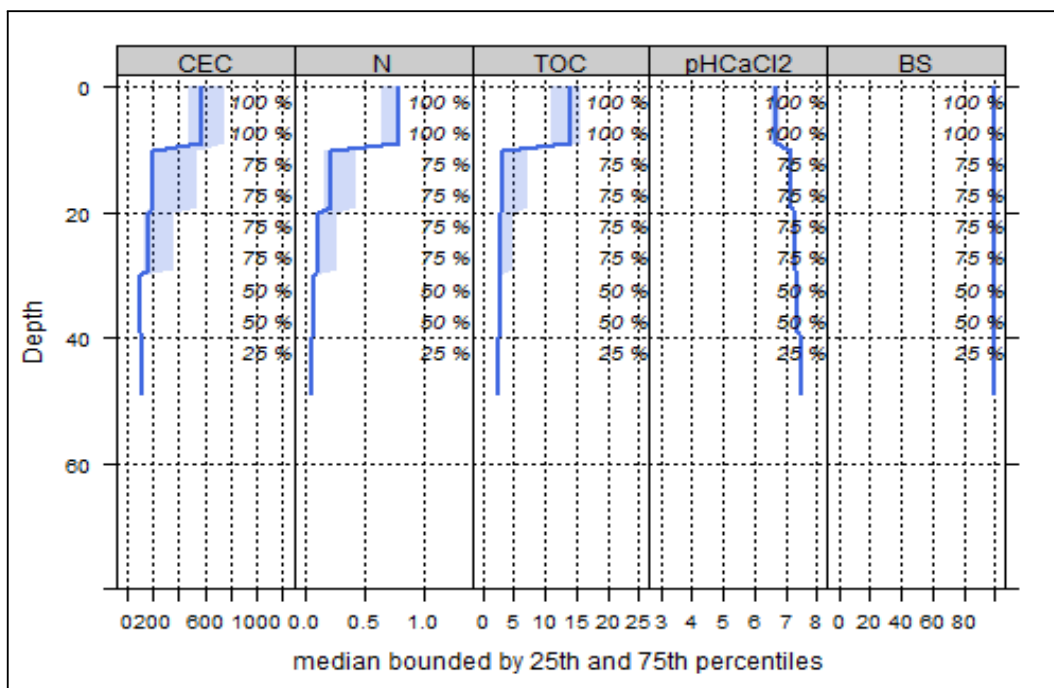
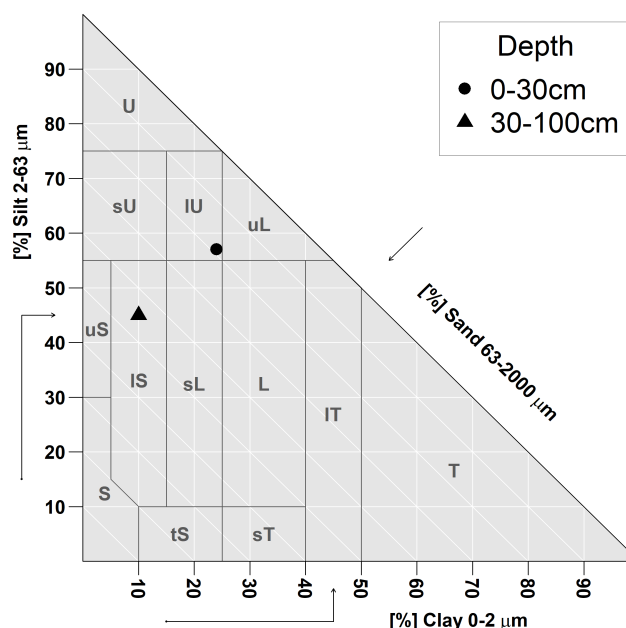
Carbon, nitrogen and nutrient stocks (0)

| C _{tot} | N _{tot} | Ca | Mg | K | P |
|------------------|------------------|-------|-------|-------|-------|
| t/ha | t/ha | kg/ha | kg/ha | kg/ha | kg/ha |
| | | | | | |

Mean stock values 0-80 cm of mineral soil and humus layers (OF,OH) given in short term availability. For phosphorous long-term availability is given.

Soil chemical analysis for depth intervals (5)

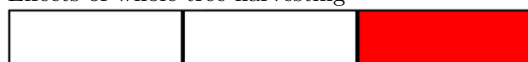
| Depth [cm] | CEC [mmol/kg] | Base Saturation [%] | (Mg+Ca)/CEC | N _{tot} [%] | TOC [%] | C/N | pH _{CaCl2} |
|------------|---------------|---------------------|-------------|----------------------|---------|-------|---------------------|
| 0-5 | 639.4 | 99.97 | 1 | 0.65 | 12.85 | 19.77 | 6.66 |
| 5-10 | 639.4 | 99.97 | 1 | 0.65 | 12.85 | 19.77 | 6.66 |
| 10-20 | 419.01 | 100 | 1 | 0.32 | 5.63 | 17.59 | 7.13 |
| 20-40 | 203.82 | 100 | 1 | 0.16 | 3.56 | 22.25 | 7.34 |
| 40-80 | 122 | 100 | 0.99 | 0.06 | 2.5 | 41.67 | 7.47 |



Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (CEC, mmol/kg), nitrogen (N, %), total organic carbon (TOC, %), pH and base saturation (BS, %). Dark blue line represents median, blue area represents values within the second and third percentile.

Biomass use

Effects of whole-tree harvesting



Strong negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Occasionally critical