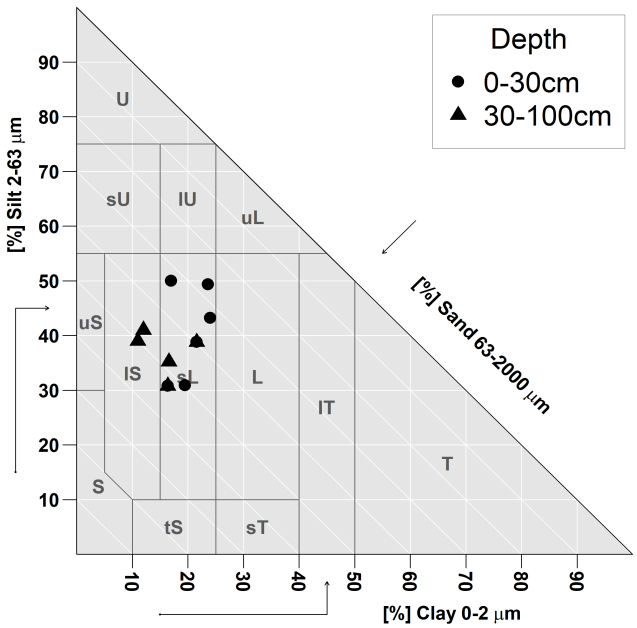
# FxM0

## fluvial coarse deposits, calcareous-siliceous rocks, impure

## General parameters

| | |
|---|---|
| Area | 67.19 km2 |
| Percentage on total forest mapped area | 1.38 % |




### Physics - mean values of all considered profiles (21)

| Depth [cm] | Coarse fraction [%] | Field capacity [l/m2] |
|---|---|---|
| 0-15 | 15 ± 20 | 124 ± 61 |
| 15-30 | 20 ± 20 | |
| 30-60 | 35 ± 25 | |
| 60-100 | 45 ± 30 | |

### Chemistry - stock of available profiles (3)

| Ctot | Ntot | Ca | Mg | K | P |
|---|---|---|---|---|---|
| t/ha | t/ha | kg/ha | kg/ha | kg/ha | kg/ha |
| 94.9 | 7.12 | 7435.53 | 1943.39 | 196.97 | 1756.35 |

All stock values, 0-80 cm including humus layers (F,H), are short term available, except for phosphorus, which has long term availability

### Chemistry - mean values of all considered profiles (10)

| Depth [cm] | CEC [mmol/kg] | Base Saturation [%] | (Mg+Ca)/CEC | Ntot [%] | TOC [%] | C/N | pHCaCl2 |
|---|---|---|---|---|---|---|---|
| 0-5 | 202.91 | 76.42 | 0.75 | 0.33 | 6.1 | 18.48 | 5.12 |
| 5-10 | 174.16 | 73.52 | 0.72 | 0.27 | 4.69 | 17.37 | 5.05 |
| 10-20 | 124.53 | 74.21 | 0.72 | 0.13 | 1.82 | 14 | 5.39 |
| 20-40 | 89.1 | 81.65 | 0.8 | 0.09 | 0.97 | 10.78 | 5.96 |
| 40-80 | 79.13 | 92.73 | 0.9 | 0.07 | 0.72 | 10.29 | 6.75 |

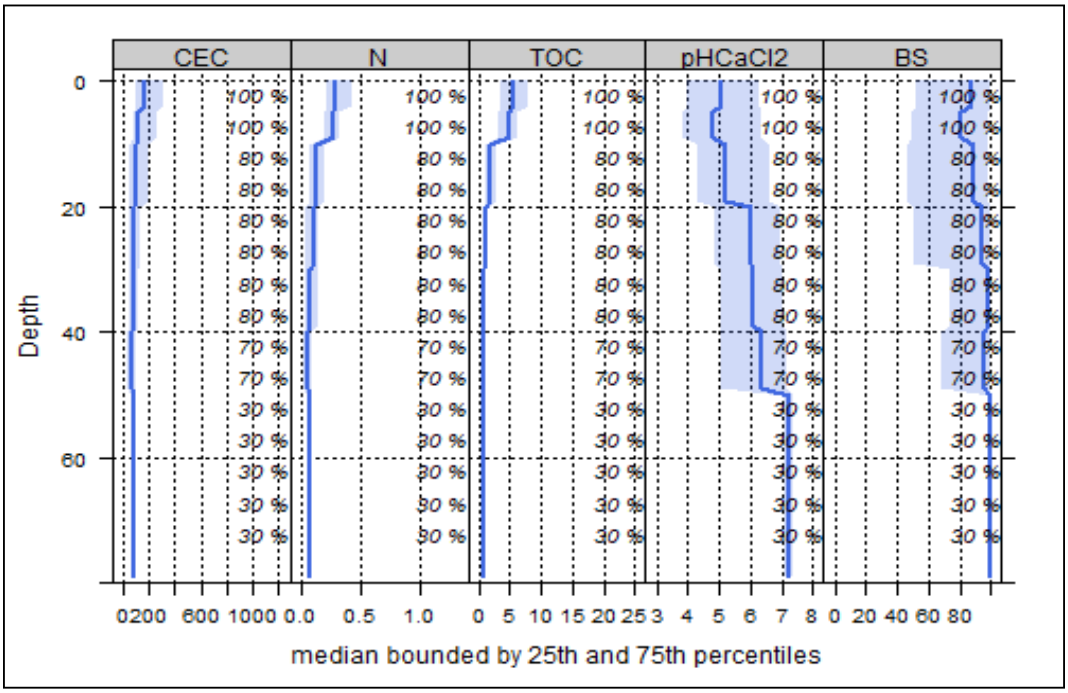



Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation at each depth step.

## Biomass use

Effects of whole-tree harvesting

Minor negative effects

## Compaction risk

Effects of the transit of heavy-duty machinery

Occasionally critical