

Table S1. Content of sand fraction (0.05-2.0 mm) in different soil horizons of Albic Retisol in the studied area.

SH* (cm)	Sand, %
Ap (0-23)	76.5
AE (23-47)	
B (47-66)	90.2
C1 (66-72)	92.0
C2 (72-144)	88.6
C3 (144-170)	98.7

\*SH, soil horizon according to FAO Guidelines for Soil Description: Ap, surface humus-accumulative mineral horizon with ploughing; A/E, humus-eluvial mineral horizon with slight loss of silicate clay, iron, aluminium; B, underlying illuvial mineral horizon; C1, C2 and C3, different layers of parent material represented by moraine deposits, lacustrine-glacial sands.