forests

MDPI

Supplementary Materials

Table S1. Detailed soil properties for each of the studied plots.

Study plot	Depth	SOC	C/N	pH	Sand	Silt	Clay	Texture class	Bulk density
		(%)		(H_20)		(%)			
1A	0-10	5.02	14	4.24	33	61	6	SiL	1.0
1A	10-20	1.99	13	4.53	27	64	9	SiL	1.1
1A	20-30	1.99	12	4.61	26	56	18	SiL	1.4
1A	30-40	1.29	12	4.75	28	52	20	SiL	1.3
1B	0-10	9.53	15	3.51	22	46	33	CL	0.7
1B	10-20	3.78	14	3.80	23	48	29	CL	1.0
1B	20-30	1.26	9	4.87	20	46	34	SiCL	1.2
1B	30-40	1.32	10	4.42	22	43	35	CL	1.6
1C	0-10	3.88	9	4.29	42	52	6	SiL	1.1
1C	10-20	2.12	10	4.56	20	69	11	SiL	1.2
1C	20-30	1.59	9	4.90	25	57	18	SiL	1.7
1C	30-40	1.68	10	5.32	33	59	8	SiL	1.9
1D	0-10	17.31	21	3.76	58	40	2	SL	0.3
1D	10-20	5.45	16	3.98	55	37	8	SL	0.6
1D	20-30	4.19	14	4.65	49	45	6	SL	0.7
1D	30-40	2.43	13	4.34	57	38	5	SL	0.7
1E	0-10	6.62	14	3.73	55	42	3	SL	0.5
1E	10-20	2.57	13	4.11	52	45	3	SL	1.0
1E	20-30	2.03	11	4.23	40	53	7	SiL	0.8
1E	30-40	1.48	11	4.32	47	43	10	L	1.0
2A	0-10	3.44	12	4.18	52	42	6	SL	0.8
2A	10-20	2.91	11	4.21	49	46	5	SL	0.7
2A	20-30	2.10	11	4.32	43	51	6	SiL	0.9
2A	30-40	2.19	11	4.35	44	45	11	L	0.9
2B	0-10	6.72	14	3.79	38	49	13	L	0.7
2B	10-20	4.06	15	3.87	39	51	10	SiL	0.5
2B	20-30	4.43	16	4.22	38	46	16	L	0.6
2B	30-40	3.90	14	4.38	37	51	12	SiL	0.6
2C	0-10	4.28	10	4.08	43	46	11	L	0.7
2C	10-20	3.18	13	4.24	42	51	7	SiL	0.7
2C	20-30	2.73	11	4.76	42	52	6	SiL	0.7
2C	30-40	2.66	12	4.62	41	54	5	SiL	0.7
2D	0-10	5.14	13	3.61	55	42	3	SiL	0.5
2D	10-20	2.87	14	3.86	44	53	3	SiL	0.7
2D	20-30	3.25	13	4.17	52	42	6	SL	0.6
2D	30-40	3.30	13	4.21	32	57	11	SiL	0.7
2E	0-10	8.29	16	3.76	41	49	10	L	0.7
2E	10-20	3.52	12	3.93	49	49	2	SL	0.7
2E	20-30	2.57	11	4.14	40	51	9	SiL	0.8
2E	30-40	2.56	12	4.28	20	69	11	SiL	0.8
3A	0-10	6.16	25	3.60	76	17	7	SL	0.2
3A	10-20	0.83	13	3.65	53	42	5	SL	0.6
3A	20-30	1.92	21	3.86	50	42	8	L	0.8
3A	30-40	0.87	10	3.83	52	41	7	L	0.9
3B	0-10	1.29	12	3.68	73	21	6	SL	0.4
3B	10-20	0.83	13	3.58	63	30	7	SL	1.0
3B	20-30	0.70	8	4.10	60	31	9	SL	0.9
3B	30-40	0.87	10	3.94	53	31	16	SL	0.5
3C	0-10	7.05	18	3.49	71	22	7	SL	0.2
3C	10-20	0.53	19	3.60	59	38	4	SL	0.5
3C	20-30	1.95	15	4.01	51	39	10	L	0.9
3C	30-40	0.87	10	4.08	53	35	12	SL	1.1
3D	0-10	0.93	10	3.32	74	20	6	SL	0.4
3D	10-20	2.65	20	3.41	69	30	1	SL	0.2
3D	20-30	1.95	15	3.75	50	41	9	L	0.6

3D	30-40	0.87	10	4.01	68	21	11	SL	0.3
3E	0-10	15.89	16	3.38	76	19	5	LS	0.2
3E	10-20	5.48	15	3.78	49	48	3	SL	0.6
3E	20-30	1.95	15	4.34	45	43	12	L	0.5
3E	30-40	0.87	10	4.54	40	47	13	L	0.4
4A	0-10	19.81	22	3.42	59	33	8	SL	0.2
4A	10-20	1.21	19	4.03	56	32	12	SL	1.0
4A	20-30	1.51	12	4.30	61	29	10	SL	1.1
4A	30-40	0.78	11	4.55	45	27	28	CL	1.2
4B	0-10	3.42	16	3.77	38	51	11	SiL	0.7
4B	10-20	1.11	10	4.02	19	65	16	SiL	0.9
4B	20-30	0.79	9	4.19	20	67	13	SiL	1.0
4B	30-40	0.51	8	4.45	29	42	29	CL	0.9
4C	0-10	2.22	12	4.42	16	71	13	SiL	0.9
4C	10-20	1.52	12	4.49	11	74	15	SiL	0.9
4C	20-30	1.37	13	4.75	13	71	16	SiL	1.0
4C	30-40	0.74	11	4.88	15	68	17	SiL	0.9
4E	0-10	4.53	16	5.53	42	47	11	L	0.7
4E	10-20	6.74	17	5.64	38	40	22	L	0.6
4E	20-30	0.95	12	3.81	33	42	25	L	1.2
4E	30-40	1.48	16	5.16	21	47	32	CL	1.0
5A	0-10	5.67	16	4.32	64	33	3	SL	0.9
5A	10-20	1.17	12	4.39	62	32	6	SL	1.3
5A	20-30	1.10	12	4.40	59	36	5	SL	1.1
5A	30-40	0.82	11	4.17	59	34	7	SL	1.2
5B	0-10	2.38	18	4.09	52	42	6	SL	0.9
5B	10-20	0.92	13	4.20	49	48	3	SL	1.3
5B	20-30	0.86	13	4.31	46	45	9	L	1.5
5B	30-40	0.72	8	4.13	51	41	8	L	1.5
5C	0-10	3.49	18	5.73	68	27	5	SL	1.0
5C	10-20	1.34	14	4.27	65	28	7	SL	1.3
5C	20-30	1.02	14	4.32	65	26	9	SL	1.0
5C	30-40	0.69	16	4.17	66	25	9	SL	1.5
6A	0-10	9.74	21	3.72	58	33	9	SL	1.0
6A	10-20	0.74	15	4.07	51	34	15	L	0.8
6A	20-30	0.70	11	4.29	51	34	15	L	0.7
6A	30-40	0.46	7	4.34	46	42	12	L	1.1
6B	0-10	3.98	16	3.87	59	39	2	SL	0.7
6B	10-20	2.27	18	4.22	52	39	9	L	1.0
6B	20-30	1.91	17	4.37	48	43	9	L	0.7
6B	30-40	1.26	14	4.38	49	40	11	L	0.7
6C	0-10	3.88	14	3.82	59	36	6	SL	0.9
6C	10-20	2.82	13	4.12	52	37	12	L	1.0
6C	20-30	1.77	13	4.15	50	39	12	L	0.7
6C	30-40	1.53	12	4.28	48	41	12	L	1.1
6D	0-10	6.47	17	4.04	20	74	6	SiL	0.6
6D	10-20	1.62	16	4.68	12	61	27	SiCL	0.8
6D	20-30	2.26	10	3.94	16	57	27	SiCL	0.9
6D	30-40	1.75	9	4.20	16	65	19	SiL	1.1
6E	0-10	2.77	13	4.20	65	30	5	SL	0.8
6E	10-20	2.26	12	4.44	56	41	3	SL	0.9
6E	20-30	2.64	14	4.56	60	37	3	SL	0.9
6E	30-40	1.69	11	4.50	57	35	8	SL	0.8
7A	0-10	2.98	11	4.49	19	64	17	SiL	0.9
7A	10-20	1.28	9	4.65	12	65	23	SiL	1.1
7A	20-30	0.90	8	5.04	14	51	35	SiCL	1.2
7A	30-40	0.65	8	5.47	22	65	13	SiL	1.3
7B	0-10	2.06	14	3.90	22	53	24	SiL	0.7
7B	10-20	1.08	12	4.21	23	53	24	SiL	1.1
7B	20-30	0.87	10	4.10	20	55	25	SiL	1.2
7B	30-40	0.86	8	6.15	22	51	27	CL	1.3
7C	0-10	3.71	12	5.88	22	66	12	SiL	0.9
7C	10-20	1.99	10	6.01	20	62	18	SiL	1.1
7C	20-30	1.20	9	6.21	18	64	18	SiL	1.3

7C	30-40	0.95	7	6.03	13	58	29	SiCL	1.4
7D	0-10	2.27	10	4.52	24	65	12	SiL	0.8
7D	10-20	1.52	8	4.62	10	51	39	SiCL	0.9
7D	20-30	0.82	7	5.05	18	57	25	SiL	1.1
7D	30-40	0.95	6	4.73	9	59	32	SiCL	1.2
7E	0-10	2.43	10	4.20	24	62	14	SiL	0.9
7E	10-20	1.63	9	4.24	16	59	25	SiL	0.9
7E	20-30	1.03	8	4.44	18	59	23	SiL	1.2
7E	30-40	0.57	6	4.29	15	77	8	SiL	1.3