

Spatial and Temporal Dynamics of Birch Populations in Residential Areas of St. Petersburg, Russia, from 2002 to 2022

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Table S1. Location of study plots.

Plot	Upper left corner		Lower right corner		Streets bordering the block
	Latitude,°N	Longitude,°E	Latitude,°N	Longitude,°E	
1	60°00'48"	30°21'13"	60°00'24"	30°21'17"	Zhaka Djuklo, Kurchatova, Toreza, Svetlanovskij
2	59°58'39"	30°23'35"	59°58'18"	30°23'51"	Marshala Bluhera, Zamshina, Metallistov, Kondratiyevskij
3	59°57'59"	30°18'00"	59°57'38"	30°18'12"	Barmaleeva, Bolshoy, Gatchinskaya, Chkalovskij
4	59°56'38"	30°16'52"	59°56'17"	30°16'40"	Srednij, 5 th linija, Bolshoi, 11 th linija
5	59°56'38"	30°21'21"	59°56'20"	30°21'48"	Chernyshevskogo, Radistcheva, Nekrasova, Mayakovskogo
6	59°52'34"	30°19'28"	59°52'19"	30°20'10"	Blagodatnaya, Yurya Gagarina, Kuznetsovskaya, Yakovlevskij

Table S2. Outcomes of birch censuses.

Plot	Numbers of birches by size classes						Numbers of birches that have emerged between censuses			
	2002		2012		2022		From 2002 to 2012		From 2012 to 2022	
	Small	Large	Small	Large	Small	Large	Planted	Self-established	Planted	Self-established
1	75	443	91	357	8	321	1	79	2	0

2	8	326	14	310	15	287	2	3	4	0
3	6	41	23	38	12	44	8	10	9	0
4	5	32	31	29	16	41	11	18	5	1
5	0	10	1	10	0	10	1	0	0	0
6	1	243	5	214	21	177	1	3	1	18

Table S3. Area covered by herbs and trees (m²).

Plot	2002		2012		2022	
	Herbs	Trees	Herbs	Trees	Herbs	Trees
1	55600	91194	52906	77548	47002	88068
2	42890	113155	31510	85719	28446	103213
3	5450	33871	5870	18275	3981	21466
4	6672	29828	9766	17990	7097	19699
5	445	8103	122	5353	1054	7971
6	34535	93692	36145	60603	28415	72555