Supplementary Table S1. Model selection results for forest bird communities residing in different habitat types and different phenophases. Wi is the Akaike's weight.

Resi_parks	No.	Wood	Noise	Tree_Spe	LPIWood	FHD	%Wood_2b	Herb_Spe	delta	Wi	adjR²	p
Spe_ Breed	1	0.50	-0.28	0.49					0.00	0.47	0.76	0.00
	2	0.65						0.41	0.59	0.35	0.72	0.00
	3	0.61		0.41					1.88	0.18	0.70	0.00
Ind_ Breed	1	0.48				0.41		0.51	0.00	0.65	0.83	0.00
	2	0.47			0.19	0.29		0.46	1.20	0.36	0.85	0.00
Spe_ Wint	1	0.66					0.43		0.00	0.67	0.64	0.00
	2	0.62	-0.20				0.39		1.41	0.33	0.67	0.00
Ind_ Wint	1	1.61	-0.21						0.00	0.71	0.80	0.00
	2	1.67							1.83	0.29	0.84	0.00

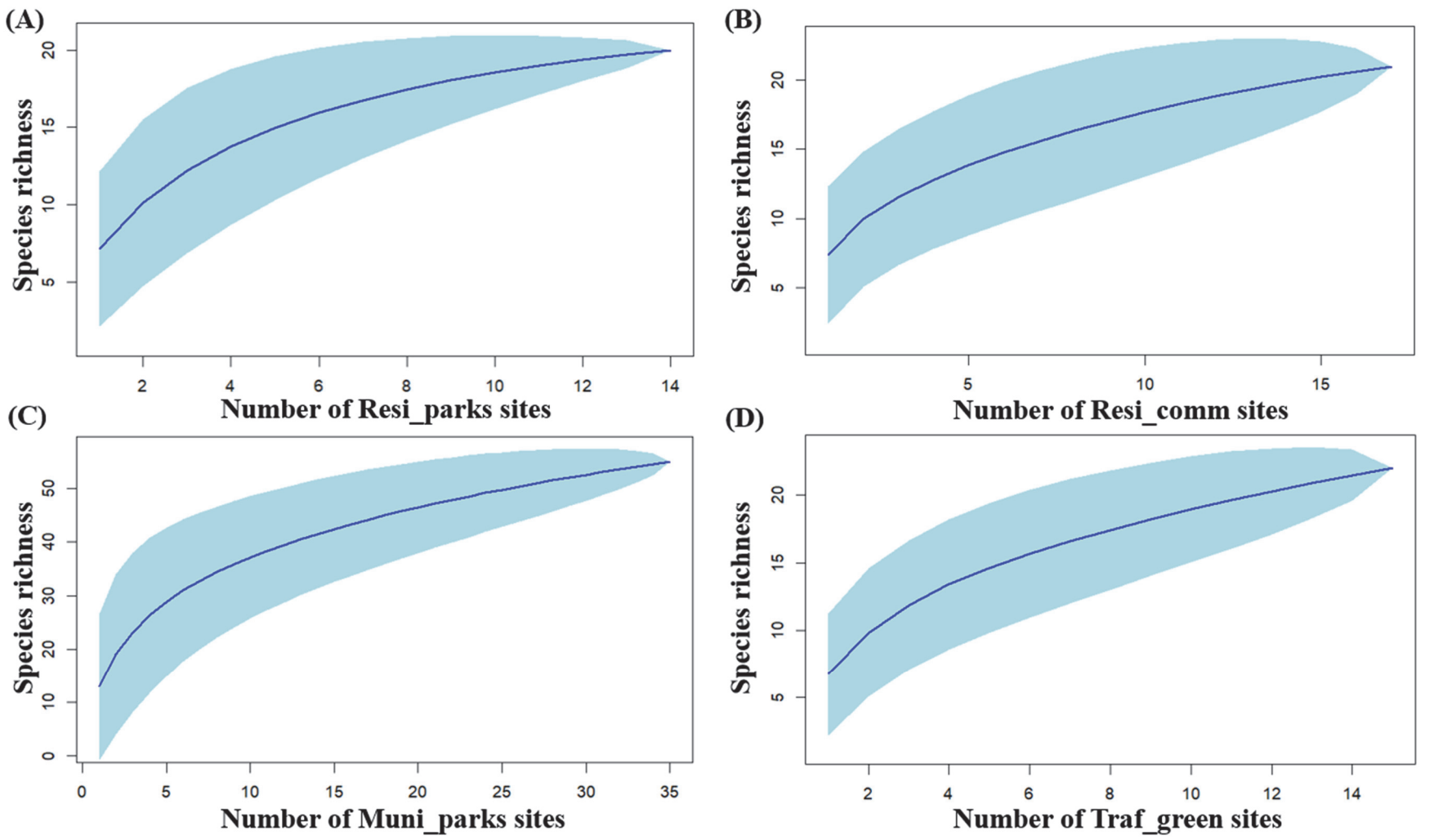
Muni_parks		Wood	Noise	Tree_Spe	LPIWood	FHD	Tree_Cov		delta	Wi	adjR²	p
Spe_ Breed	1	0.60					0.38		0.00	0.43	0.59	0.00
	2	0.73							0.38	0.36	0.49	0.00
	3	0.57			0.34				1.48	0.21	0.55	0.01
Ind_ Breed	1	0.63							0.00	1.00	0.34	0.02
Spe_ Wint	1			0.48		0.60			0.00	1.00	0.57	0.00
Ind_ Wint	1					0.55			0.00	0.22	0.23	0.05
	2			0.46		0.50			0.24	0.20	0.39	0.04
	3			0.52					0.99	0.14	0.17	0.09
	4			0.55			0.50		1.02	0.13	0.35	0.05
	5								1.13	0.13	NA	NA
	6		0.48						1.40	0.11	0.15	0.11
	7						0.46		2.00	0.08	0.11	0.15

Resi_comm		Wood	Shrub_Spe	Shrub_Cov	CoheWood_1kmb	FHD	Tree_Cov	Herb_Spe	delta	Wi	adjR²	p
Spe_ Breed	1	0.55		0.41					0.00	1.00	0.62	0.00
Ind_ Breed	1			0.43					0.00	0.25	0.13	0.08
	2				0.42				0.24	0.23	0.12	0.10
	3								0.50	0.20	NA	NA
	4			0.37	0.36				0.66	0.18	0.21	0.07
	5	0.36							1.16	0.14	0.07	0.16
Spe_ Wint	1	0.41	0.38		0.39	0.44			0.00	1.00	0.83	0.00
Ind_ Wint	1	0.43				0.37		0.41	0.00	0.31	0.66	0.00
	2				0.37	0.51		0.49	0.73	0.22	0.59	0.00
	3	0.33			0.27	0.40		0.42	1.31	0.16	0.66	0.00
	4	0.57						0.37	1.33	0.16	0.50	0.00
	5	0.61					0.31	0.41	1.38	0.16	0.58	0.00

Traf_ green		Wood	Visitors	Tree_Spe	LPIWood_1kmb	Wood_1kmb	Tree_Cov		delta	Wi	adjR²	p

Spe_Breed	1		-0.63				0.67	0.00	1.00	0.57	0.00
Ind_Breed	1		-0.50				0.71	0.00	1.00	0.51	0.01
	1			0.58				0.00	0.34	0.28	0.02
Spe_	2	0.57						0.06	0.33	0.28	0.03
Wint	3					0.53		1.16	0.19	0.22	0.04
	4	0.58			0.29			1.91	0.13	0.31	0.04
	1	0.76						0.00	0.52	0.55	0.00
Ind_	2	0.76	0.26					1.20	0.29	0.59	0.00
Wint	3		0.45	0.78				1.93	0.20	0.57	0.00

“Spe” represents species richness, “Ind” represents species abundance, “Cov” represents coverage, “Breed” represents breeding season, “Wint” represents wintering season, “Visitors” represents number of people.



Supplementary Figure S1. Species accumulation curves in different types of urban green spaces. Accumulation method: random, with 100 permutations.