

附录3 各植物园迁地保护的国家重点保护、受威胁和特有植物的系统发育多样性, PDI和NRI通过重复1,000次随机选择系统发育树上和各植物园包括的迁地物种数量相等的样本, 计算随机平均值与观察到的系统发育多样性(PD)的差异

Appendix 3 Phylogenetic diversity of the *ex situ* conserved National Key Protected Wild Plants (NKPWP), threatened species and species endemic to China in each botanic garden. The values of PDI and NRI were calculated the difference between the random mean and the observed phylogenetic diversity (PD) by random shuffles taxa labels across tips of phylogeny with equal numbers of species hold in each botanic garden with replicating 1,000 times

缩写 Abbreviated code	种数 No. of species	观察到的 PD 值 Observed PD	随机化的 PD 均值 Mean of random PD	随机化的 PD 方差 Std. of random PD	标准化的系统发育 多样性指数 Standardized PDI	标准化的净相关 指数 Standardized NRI
AHHABG	105	7146.383	8013.294	449.0874	-1.93038	-1.48102
AHHFBG	261	13452.69	14441.43	582.7303	-1.69673	1.062832
BBG	473	19972.43	20958.35	668.9358	-1.47386	-0.50255
BTBG	258	16711.08	14348.51	579.469	4.077126	-5.03818
CBG	1123	37869.56	36191.13	811.2375	2.068968	-4.82466
CDBG	459	19346.98	20559.05	668.6904	-1.8126	-1.80372
CRICATAS	3	469.7393	691.8429	109.7278	-2.02413	1.70451
CZNLBG	426	19758.57	19624.84	690.2271	0.193754	0.783094
DGBG	617	23960.33	24822.96	688.127	-1.25359	-0.1522
FBG	779	27702.17	28667.28	749.7519	-1.28724	-0.701
FJAFBG	215	14370.72	12741.58	550.8687	2.957406	-2.84293
FLBG	1210	38257.44	37988.01	851.6228	0.31637	-11.478
FSLKS	146	9649.329	9939.566	520.5671	-0.55754	0.052181
GBG	873	29755.4	30803.59	788.4048	-1.32951	-1.10314
GDABG	208	9898.742	12448.57	554.0074	-4.60252	-0.90238
GDHZBG	123	8087.724	8895.993	490.0724	-1.64928	-0.4607
GDMBG	28	3708.928	3200.832	304.385	1.669255	-1.77597
GMG	424	21750.2	19556.38	662.8475	3.309678	-1.93181
GNA	652	25725.76	25646.49	717.1502	0.110528	-1.12626
GXIB	1253	35702.54	38812.28	832.7465	-3.73431	1.045066
GXNABG	197	11938.08	12056	551.1441	-0.21395	-1.40484
GYMBG	201	12789.77	12187.76	566.6291	1.062447	-1.58037
HBG	1251	36744.66	38741.39	850.0141	-2.34906	1.777581
HBTGBG	238	12362.55	13592.78	595.2802	-2.06663	-1.77805
HFBG	78	5840.394	6578.411	431.6647	-1.7097	-0.6851
HKKFBG	167	12964.44	10856.58	524.3423	4.020003	-4.7532
HNFBG	462	20975.24	20644.73	659.2681	0.50132	0.629721
HNTFABG	217	11276.33	12801.03	564.3792	-2.70155	-0.78384
HNXMBG	188	12159.29	11698.94	549.8235	0.837277	0.1068
IAE	107	6865.289	8106.976	467.6942	-2.65491	-1.64882
IBCAS	626	22868.71	24991.78	753.063	-2.81924	-5.68003
JYSBG	329	17861.56	16663.46	598.9474	2.000345	-0.62128
KBG	1259	40910.12	38946.65	844.9234	2.323843	-7.40717
LSBG	581	24579.64	23877.97	735.6909	0.953753	-3.3673
LZABG	34	3271.703	3667.616	319.7099	-1.23835	-2.23361
LZUGB	71	5034.37	6169.965	398.715	-2.84814	-0.91288
MQDBG	85	4924.795	6973.401	433.4395	-4.7264	1.071985
MZGB	37	3516.165	3917.546	336.0587	-1.19438	-2.75304
NBBG	317	13339.64	16294.39	606.2246	-4.87401	1.684117
NBG	1415	40963.75	41967.87	858.3019	-1.16989	-2.82282
NSBG	565	21475.67	23429.73	701.9419	-2.7838	0.714793
QLNGB	290	12872.65	15412.95	576.5721	-4.40587	1.696403

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SCAUABG	113	8282.165	8405.167	452.2943	-0.27195	-3.68121
SCBG	2417	59271.37	59897.53	958.8048	-0.65306	-0.30661
SDTMBG	101	8285.608	7798.689	445.3834	1.09326	-0.46655
SJZBG	44	4089.608	4418.048	342.5604	-0.95878	0.010507
SSBG	112	8627.639	8342.607	460.8636	0.618474	-1.05253
SYBG	130	8449.948	9238.536	501.2542	-1.57323	-0.55615
SZLKBG	164	2467.886	10732.21	513.614	-16.0905	13.30417
SZMBG	44	2553.838	4428.712	351.4389	-5.33485	6.119218
TBG	141	10333.62	9728.535	507.0436	1.19335	-3.32217
TDBG	81	5168.468	6761.382	416.1874	-3.8274	1.507751
TNMNS	315	15836.42	16210.76	622.8207	-0.60104	-2.80304
TSBG	84	5226.423	6918.442	426.9854	-3.96271	-0.82764
TSMMUBG	130	9280.882	9208.596	480.7084	0.150373	0.277792
WBG	2855	61960.39	67158.79	990.2214	-5.24974	3.844809
WCSBG	919	27436.38	31794.16	764.2823	-5.7018	5.546657
XABG	336	16508.74	16926.16	624.8722	-0.66801	-0.20576
XJUBG	45	4024.679	4495.693	358.2914	-1.31461	-1.63097
XLTBG	315	17401.95	16240.94	626.2846	1.853804	-7.65189
XMBG	735	26373.49	27631.87	756.5182	-1.66339	-2.96335
XNBG	144	7778.602	9844.342	504.2871	-4.09636	0.864365
XOIG	152	11770.23	10195.15	510.6911	3.08422	-5.49209
XTBG	1948	52769.6	51821.9	902.0467	1.050612	-1.26281
XYE	59	4161.977	5433.105	368.1841	-3.45243	-1.62384
YCBG	86	6115.103	7027.267	437.0428	-2.08713	0.713088
ZAFU	464	20928.49	20706.04	672.0239	0.331011	-0.42429
ZSABG	406	14926.73	19042.22	632.5681	-6.506	1.360984
ZZBG	200	11404	12172.2	534.6965	-1.43669	0.123252