

Table S1. Sampling locations and sample size of leaf collection of the four *Lindera* species. * To estimate the possibility that pseudo-variant loci occurred originating from PCR errors, we conducted PCR and genotyping twice for a individual. Number of sampled individuals for *L. glauca*, *L. praecox*, *L. umbellata* and *L. obtusiloba* were 105, 45, 27 and 39, respectively. Total number of genotyped individuals for the four *Lindera* species were 112, 51, 33 and 45, respectively.

Sampling location	Abbreviations of sampling location	Latitude (°N)	Longitude (°E)	Number of individuals for leaf collection			
				<i>L. glauca</i>	<i>L. praecox</i>	<i>L. umbellata</i>	<i>L. obtusiloba</i>
Sendai, Miyagi	SD	38.24	140.82	1*	1	5*	-
Tsukubasan, Ibaraki	TB	36.23	140.11	-	5*	5*	-
Hachioji, Tokyo	HT	35.64	139.24	2	1	-	-
Sagamihara, Kanagawa	SH	35.55	139.43	2*	-	-	-
Kawasaki, Kanagawa	KW	35.61	139.58	3	-	-	-
Nagano, Nagano	NG	36.53	138.34	5*	5*	-	5*
Kasugai, Aichi	I	35.29	137.04	5	-	-	-
Aioiyama, Aichi	A	35.11	136.97	5	-	-	-
Hino, Shiga	HN	35.01	136.26	3	5*	5*	5*
Takaragaike, Kyoto	T	35.06	135.79	5	-	-	-
Mitarai Valley, Nara	MT	34.22	135.87	-	5	5*	5*
Kasugayama, Nara	K	34.69	135.86	5	-	-	-
Kongosan, Osaka	KG	34.40	135.67	-	5	-	5
Myokensan, Osaka	M	34.92	135.47	5*	-	5*	5*
Shigisan, Osaka	S	34.60	135.66	5	-	-	-
Takedao, Hyogo	TK	34.85	135.32	4	5*	2*	5
Okayamashi, Okayama	O	34.69	133.92	5	-	-	-
Hiroshimashi, Hiroshima	H	34.44	132.56	4*	3*	-	-
Masuda, Shimane	MS	34.61	131.71	5	-	-	-
Tsuwano, Shimane	TW	34.47	131.75	2	-	-	-
Izumo, Shimane	IZ	35.24	132.67	5	-	-	-
Yamaguchishi, Yamaguchi	YG	34.32	131.60	5	-	-	-
Hagi, Yamaguchi	HG	34.61	131.70	2	-	-	-
Bizan, Tokushima	B	34.06	134.54	3*	-	-	-
Iinoyama, Kagawa	IN	34.27	133.84	5	-	-	4*
Shiunzan, Kagawa	SU	34.33	134.04	5	-	-	-
Tsuno, Kochi	TN	33.44	133.07	3	5	-	-
Sameura, Kochi	SM	33.75	133.54	5	-	-	-
Tsushima, Nagasaki	TS	34.60	129.43	1*	-	-	5*
Umamiyama, Fukuoka	UM	33.50	130.73	3	5*	-	-
Saga, Saga	SA	33.44	130.25	1	-	-	-
Sannotake, Kumamoto	SN	32.86	130.64	1	-	-	-
Total				105	45	27	39

Table S2. Sampling locations and sample size of seeds of the four *Lindera* species

Species	Sampling location	Population code	Latitude (°N)	Longitude (°E)	Individual code	The number of seeds
<i>L. glauca</i>	Takaragaike, Kyoto	T	35.06	135.79	T4	5
	Kasugayama, Nara	K	34.69	135.86	K2	5
	Myokensan, Osaka	M	34.92	135.47	M1	5
	Shigisan, Osaka	S	34.60	135.66	S1	5
	Okayamashi, Okayama	O	34.69	133.92	O3	5
	Okayamashi, Okayama	O	34.69	133.92	O7	5
	Umamiyama, Fukuoka	UM	33.50	130.73	UM3	5
	(Total)					35
<i>L. praecox</i>	Mitarai Valley, Nara	MT	34.22	135.87	AMT6	12
	Mitarai Valley, Nara	MT	34.22	135.87	AMT7	9
	Mitarai Valley, Nara	MT	34.22	135.87	AMT8	12
	Tsuno, Kochi	TN	33.44	133.07	ATN8	6
	Tsuno, Kochi	TN	33.44	133.07	ATN10	12
	Tsuno, Kochi	TN	33.44	133.07	ATN13	12
	(Total)					63
<i>L. umbellata</i>	Mitarai Valley, Nara	MT	34.22	135.87	KMT2	5
	(Total)					5
<i>L. obtusiloba</i>	Mitarai Valley, Nara	MT	34.22	135.87	DMT1	12
	Mitarai Valley, Nara	MT	34.22	135.87	DMT2	11
	(Total)					23