

Table 1. Sampling sites and their geographical information shown with the phylogenetic groups of *Fagus crenata*

Site #	Site	Clade ¹⁾	Latitude	Longitude	Altitude (m)	Sampling date
1	Mt. Iwaki, Hirosaki-shi, Aomori Pref.	I	40°39'1.7"N	140°16'23.7"E	777	24-May-06
2	Taiwa-cho, Kurokawa-gun, Miyagi Pref.	II	38°28'N	140°41'E	1500	2-May-07
3	Mt. Mitsumori, Yaguki, yotsukuta-machi, Iwaki-shi, Fukushima Pref.	II	37°11'37"N	140°54'36"E	640	29-Apr-06
4	Matsunoyama-onsen, Matsunoyama, Tokamachi-shi, Niigata Pref.	I	37°6'5.3"N	138°37'12.5"E	340	13-May-06
5	Mt. Tsukuba, Sakuragawa-shi, Ibaraki Pref.	II	36°13'48.4"N	140°6'29.9"E	684	2-May-06
6	Tanbara highland, Numata-shi, Gunma Pref.	I	36°47'N	139°4'E	1300	22-May-07
7	Mt. Horyu, Horyu-machi, Suzu-shi, Ishikawa Pref.	I	37°25'N	137°10'E	467	6-May-06
8	Obora, Ueda-shi, Nagano Pref.	I	36°30'13.7"N	138°19'44.1"E	1314	16-May-05
9	Odaigahara, Kamikitayama-mura, Yoshino-gun, Nara Pref.	II	34°10'58.6"N	136°6'10.4"E	1585	24-Apr-06
10	Mt. Kanmuri, Yoshiwa, Hatsukaichi-shi, Hiroshima Pref.	III	34°28'N	132°4'E	1000	29-Apr-06
11	Mt. Takanawa, Matsuyama-shi, Ehime Pref.	III	33°57'N	132°51'E	966	17-Apr-07
12	Nihonsugitouge, Misato-cho, Shimomakishi-gun, Kumamoto Pref.	III	32°34'31"N	130°54'1"E	1100	10-May-06

1) Phylogenetic clade of *Fagus crenata* in Fujii et al. (2002)

Table 3. Analysis of molecular variance (AMOVA) of ITS sequence variation for *Dasyscyphella longistipitata* populations

	d.f.	Sum of squares	Variance components	Percentage of variation	P value
Among populations	11	7.638	0	0	0.49
Within populations	108	75.471	0.698	100	
Total	119	83.108	0.698	100	