

**Table S2.** Voucher information of genus *Sorbus* species examined in this study.

Species Name	Place of Collection	Collector	Vouchers	Herbarium Information
<i>Sorbus albovii</i> Zinserl.	Russian Federation: Sakhalin, Northwest Sakhalin Island	T Zaikonnikova	s.n.	MO
<i>Sorbus alnifolia</i> (Siebold & Zucc.) C. Koch	South Korea: Jeollanam-do, Taehuksan Island	M Li	AA74-90	NF
<i>Sorbus americana</i> Marsh	Canada: New Brunswick, Charlotte	M Li	AA1845-66	NF
<i>Sorbus amurensis</i> Koehne	Russia: Khabarovskiy, Nanayskiy	Anonymous	s.n.	MO
<i>Sorbus aria</i> (L.) Crantz	France: Grand Est, Haut-Rhin	M Li	AA115-2005	NF
<i>Sorbus aucuparia</i> L.	Sweden; Gotland, Hejdeby	M Li	AA1257-84	NF
<i>Sorbus boissieri</i> C. K. Schneid.	Georgia: Abkhazia, Anchkho Pass	D McNeal	220	MO
<i>Sorbus buschiana</i> Zinserl.	Georgia: South Ossetia, Dzghara district	T Zaikonnikova	5921A	MO
<i>Sorbus buschiana</i> Zinserl.	United States: California, Butte	L Ahart	6323	MO
<i>Sorbus caloneura</i> (Stapf) Rehder	China: Hubei, Shennongjia	E H Wilson	3494	MO
<i>Sorbus caucasigena</i> Kom. ex Gatsch.	Georgia: Ajara, Keda	R Gagnidze et al.	809	MO
<i>Sorbus chamaemespilus</i> (L.) Crantz	France: Alpes Cote d'Azur, Alpes-de-Haute	Anonymous	3270	MO
<i>Sorbus commixta</i> Hedl.	Japan: Kagoshima, Yakushima	M Li	AA1651-8	NF
<i>Sorbus corymbifera</i> (Miq.) T. H. Nguyen & Yakovlev	Thailand: Nakhon Si Thammarat, Na Bon	XM Zhou	s.n.	MO
<i>Sorbus decora</i> (Sarg.) C. K. Schneid.	USA: Maine, Aroostoo	ML Ferrcal	2305	GH00747045
<i>Sorbus devoniensis</i> E. F. Warb.	Netherlands: Gelderland, Wageningen	M Li	AA42-96	NF
<i>Sorbus discolor</i> Maxim.	China: Henan, Luoning	M Li	H928	MO
<i>Sorbus domestica</i> L.	Czech Republic: Central Bohemian Region, Prague	M Li	AA385-25	NF
<i>Sorbus dunnii</i> Rehder	China: Fujian, Wuyishan	M Li	674	MO
<i>Sorbus esserteauiana</i> Koehne	China: Sichuan, Dujiangyang	M Li	AA179-92	NF
<i>Sorbus folgneri</i> (C. K. Schneid.) Rehder	China: Sichuan, E'mei	CH Li	101	MO
<i>Sorbus foliolosa</i> (Wall.) Spach	China: Xizang, Bomi	FG Shem	13203	MO
<i>Sorbus gracilis</i> (Siebold & Zucc.) K. Koch	Japan: Gunma, Momono-mura	O Ohba	71044	MO
<i>Sorbus graeca</i> (Spach) Kotschy	Georgia: Kartli, Tbilisi	CG Alm et al.	2294	MO
<i>Sorbus harrowiana</i> (Balf. fil. & W. W. Sm.) Rehder	China: Yunnan, Gongshan	M Li	GYD0144	MO
<i>Sorbus helenae</i> Koehne	China: Sichuan, E'mei	HG Xu	s.n.	CDBI
<i>Sorbus hemsleyi</i> (C. K. Schneid.) Rehder	China: Hubei, Shennongjia	M Li	AA1981-80	NF
<i>Sorbus hupehensis</i> C. K. Schneid.	China: Hubei, Shennongjia	M Li	AA1675-80	NF
<i>Sorbus hybrida</i> (L.) L.	Sweden: Gotland, Visby	M Li	AA430-93	NF
<i>Sorbus insignis</i> (Hook. fil.) Hedl.	China: Xizang, Motuo	B Xu et al.	YLZB4493	CDBI
<i>Sorbus intermedia</i> (Ehrh.) Pers.	Sweden: Smaland, Alghult	M Li	AA476-85	NF

<i>Sorbus japonica</i> (Maxim.) Koehne	Japan: Kochi, Ochi-cho	T Takahashi	317	MO
<i>Sorbus keissleri</i> (C. K. Schneid.) Rehder	China: Sichuan, Luding	M Li	WH76	CDBI
<i>Sorbus koehneana</i> C. K. Schneid.	China: Sichuan, Luding	GH Wang	91020	MO
<i>Sorbus kurzii</i> (Watt ex Prain) C. K. Schneid.	China: Yunnan, Tengchong	LZ Hevy	11868	MO
<i>Sorbus latifolia</i> (Lam.) Pers.	Spain: Vizcaya, Amorebieta	M Li	AA18462	NF
<i>Sorbus matsumurana</i> (Makino) Koehne	Japan: Hokkaido, Kamikawa	T Kawahara	691	MO
<i>Sorbus monbeigii</i> (Cardot) N. P. Balakr.	China: Yunnan, Deqin	M Li	145	CDBI
<i>Sorbus mougeotii</i> Godr. & Soy.-Will.	Sweden: Skane, Brantevik	M Li	AA559-48	NF
<i>Sorbus persica</i> Hedl.	Uzbekistan: Tashkent, Gazalkent	Anonymous	4461	MO
<i>Sorbus pohuashanensis</i> (Hance) Hedl.	China: Heilongjiang, Fusong	M Li	AA1175-80	NF
<i>Sorbus prattii</i> Koehne	China: Sichuan, Kangding	M Li	LMJXZC056	CDBI
<i>Sorbus rehderiana</i> Koehne	China: Sichuan, Dujiangyang	M Li	AA443-95	NF
<i>Sorbus rufo-ferruginea</i> C. K. Schneid.	Japan: Hondo, Lake Yumato	M Li	AA364-80	NF
<i>Sorbus sambucifolia</i> (Cham. & Schltdl.) M. Roem.	Japan: Yamagata, Asahi-machi	Anonymous	7003	MO
<i>Sorbus sargentiana</i> Koehne	China: Sichuan, Baoxing	M Li	192	CDBI
<i>Sorbus scopulina</i> Greene	United States: Idaho, Bonner	M Li	AA310-75	NF
<i>Sorbus sibirica</i> Hedl.	Russian Federation: Sakhalin, Northwest Sakhalin Island	M Li	AA422-95	NF
<i>Sorbus sitchensis</i> M. Roem.	USA: Washington, King County	PF Zika	22792	MO
<i>Sorbus tauricola</i> Zaik.	Ukraine: Crimea, Jalta	T Zaikonnikova	7011	MO
<i>Sorbus thibetica</i> (Cardot) Hand.- Mazz.	China: Yunnan, Lijiang	M Li	SBB1187	CDBI
<i>Sorbus thomsonii</i> (King ex Hook. fil.) Rehder	China: Sichuan, E'mei	EH Wilson	4867	MO
<i>Sorbus tianschanica</i> Rupr.	China: Xinjiang, Urumchi	ZM Zhu	s.n.	CDBI
<i>Sorbus torminalis</i> (L.) Crantz	France: Bourgogne-Franche-Comte, Fontaine Francaise	M Li	AA246-98	NF
<i>Sorbus tsinlingensis</i> C. L. Tang	China: Shaanxi, Taibai	M Li	AA544-88	NF
<i>Sorbus umbellata</i> (Desf.) Fritsch	Greece: Crete, Nomos Rethimnis	NJ Turland	1583	MO
<i>Sorbus ursina</i> (Wall.) Decne.	Nepal: Bagmati, Rasuwa	M Suzuki	8540111	KATH
<i>Sorbus verrucosa</i> (Decne.) Rehder	Vietnam: Cao Bang, Nguyen Binh	PH Hoang	1272	MO
<i>Sorbus vilmorinii</i> C. K. Schneid.	China, Xizang, Markam	M Li	MK30789	CDBI
<i>Sorbus yuana</i> Spongberg	China: Hubei, Shennongjia	M Li	AA1894-80	NF