Supplemenntary Table S1. Collection information of samples

	Sample Name	Collection Date	Location	Elevation (m)	Latitude (°N)	Longitude (°E)
D. bulbifera var. *bulbifera*	AHLA	2019-10-21	Daganjian Village, Zhufoan Town, Huoshan County, Lu'an, Anhui	108	31.432636	116.141978
	JSYX	2021-06-17	Yixing Bamboo Sea, Yixing, Jiangsu	232	31.168308	119.682203
	ZJLS	2019-10-29	Gushan Village, Badu Town, Longquan City, Lishui, Zhejiang	604	27.913892	118.923142
	HNHK	2024-12-01	Tiantou Village, Xinpo Town, Haikou, Hainan	14	19.768256	110.358496
	HeNSC	2023-06-07	Jingangtai, Shangcheng County, Henan	351	31.757300	115.536200
	HuNXX	2022-09-12	Jinbian Creek, Zhangjiajie, Hunan	426	29.344600	110.471200
	SCEM	2018-09-04	Linggongli, Emeishan, Sichuan	1304	29.580658	103.288842
	GXQZ	2023-06-18	Pubei County, Qinzhou, Guangxi	285	22.142100	109.352600
	GDSG	2023-05-10	Shangdong, Nanling Reserve, Ruyuan, Shaoguan, Guangdong	939	24.878178	112.960109
	FJNJ	2018-09-26	Xiangxi, Huboliao, Nanjing County, Fujian	390	24.522778	117.222778
	TWXB	2019-10-16	Chajiaoli, Sanxia District, New Taipei, Taiwan	135.6	24.867583	121.414333
	CQBB	2014-09-12	Bolin Village, Chengjiang Town, Beibei District, Chongqing	260	29.837200	106.355300
	YNLJ	2018-07-30	Longtou Village, Rongjiang Town, Huaping County, Lijiang, Yunnan	1160	26.505200	101.230800
	HNLS	2024-12-02	Geze Village, Benhao Town, Lingshui County, Hainan	69	18.637539	109.981398
D. bulbifera var. *kacheo*	JCHD1	2020-09-19	Wenlin Village, 214 National Road, Linxiang District, Lincang, Yunnan	1790	23.651687	100.066541
	JCHD2	2020-09-19	Wenlin Village, 214 National Road, Linxiang District, Lincang, Yunnan	1790	23.651687	100.066541
D. bulbifera f. *domestica*	YZ1	2023-11-08	Japan	NA	NA	NA
	YZ2	2023-11-08	Japan	NA	NA	NA

NA: not available.