

Table 4 Information on *Camellia oleifera* samples surveyed

Variety number	Sample name	East longitude	North latitude	Location of collection
DAST-2	Dingan shitang 2	110°13'39.95"E	19°24'32.13"N	Ding 'an County, Hainan Province
DAST-4	Dingan shitang 4	110°13'39.75"E	19°24'31.70"N	Ding 'an County, Hainan Province
DAST-5	Dingan shitang 5	110°13'40.65"E	19°24'30.56"N	Ding 'an County, Hainan Province
QHX-23	Qionghai xuan 23	110°30'21.80"E	19°5'9.93"N	Qionghai City, Hainan Province
QHX-24	Qionghaixuan 24	110°30'22.86"E	19°5'9.83"N	Qionghai City, Hainan Province
QHX-25	Qionghaixuan 25	110°30'23.75"E	19°5'9.74"N	Qionghai City, Hainan Province
QHX-29	Qionghai xuan 29	110°30'21.84"E	19°5'10.02"N	Qionghai City, Hainan Province
CMF-1	Chengmai fu 1	109°30'37.95"E	18°51'38.97"N	Chengmai County, Hainan Province
CMF-2	Chengmaifu 2	109°30'38.05"E	18°51'38.95"N	Chengmai County, Hainan Province
CMF-4	Chengmaifu 4	109°30'39.95"E	18°51'38.92"N	Chengmai County, Hainan Province
CMF-6	Chengmai fu 6	109°30'39.95"E	18°51'38.84"N	Chengmai County, Hainan Province
WZSTZ-1	Wuzhishantenzhai 1	109°57'26.10"E	19°24'11.47"N	Tenzhai Village, Wuzhishan City, Hainan Province
WZSTZ-2	Wuzhishantenzhai 2	109°57'26.47"E	19°20'11.52"N	Tenzhai Village, Wuzhishan City, Hainan Province
WZSTZ-3	Wuzhishantenzhai 3	109°57'26.36"E	19°20'10.96"N	Tenzhai Village, Wuzhishan City, Hainan Province
WZSTZ-4	Wuzhishantenzhai 4	109°57'26.80"E	19°20'10.53"N	Tenzhai Village, Wuzhishan City, Hainan Province
WZS-1	Wuzhishant1	109°27'55.82"E	18°40'46.33"N	Zhaha Village, Wuzhishan City, Hainan Province
WZS-2	Wuzhishan2	109°26'38"E	18°41'59"N	Baoguo Village, Wuzhishan City, Hainan Province
DZ-1	Danzhou1	109°23'45.84"E	19°20'21.84"N	Danzhou City, Hainan Province