Table S1 Number of samples (N), location, geographic coordinates (latitude and longitude) for 28 *Juglans* populations surveyed in southwestern China.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| site ID | species | Location | Long(E) | Lat(N) | samples |
|
| LM-r | *Juglans regia* | Liming,Yunnan | 99°48′ | 27°9′ | 10 |
| QZ-r | *Juglans regia* | Qizong,Yunnan | 99°31′ | 27°34′ | 22 |
| TC-r | *Juglans regia* | Tacheng,Yunnan | 99°34′ | 27°29′ | 3 |
| DL-r | *Juglans regia* | Delian,Yunnan | 99°57′ | 26°53′ | 3 |
| HD-r | *Juglans regia* | Hongding,Yunnan | 99°44′ | 27°13′ | 6 |
| SG-r | *Juglans regia* | Shigu,Yunnan | 99°57′ | 26°52′ | 11 |
| WXT-r | *Juglans regia* | Weixi,Tacheng,Yunnan | 99°24′ | 27°36′ | 6 |
| BS-r | *Juglans regia* | Baoshan,Yunnan | 98°47′ | 25°17′ | 15 |
| GY-r | *Juglans regia* | Guiyang,Guizhou | 106°37′ | 26°38′ | 11 |
| LJ-r | *Juglans regia* | Lijiang,Yunnan | 100°46′ | 27°16′ | 20 |
| YW-r | *Juglans regia* | Zunyi,wujiang,Guizhou | 106°47′ | 27°18′ | 24 |
| YN-r | *Juglans regia* | Wenshan,Yunnan | 104°13′ | 23°24′ | 14 |
| GZ-r | *Juglans regia* | Guizhou | 106°42′ | 26°35′ | 18 |
| EM-r | *Juglans regia* | Emei,Sichuan | 103°24′ | 29°34′ | 15 |
| SC-r | *Juglans regia* | Nanchong,Sichuan | 105°53′ | 30°51′ | 12 |
| Total |  |  |  |  | 190 |
| LM-s | *Juglans sigillata* | Liming,Yunnan | 99°48′ | 27°9′ | 30 |
| QZ-s | *Juglans sigillata* | Qizong,Yunnan | 99°31′ | 27°34′ | 30 |
| TX-s | *Juglans sigillata* | Tacheng,Yunnan | 99°33′ | 27°29′ | 21 |
| DL-s | *Juglans sigillata* | Delian,Yunnan | 99°57′ | 26°53′ | 23 |
| HD-s | *Juglans sigillata* | Hongding,Yunnan | 99°43′ | 27°13′ | 20 |
| SG-s | *Juglans sigillata* | Shigu,Yunnan | 99°57′ | 26°52′ | 30 |
| TZ-s | *Juglans sigillata* | Weixi,Tacheng,Yunnan | 99°24′ | 27°36′ | 30 |
| YP-s | *Juglans sigillata* | Yongping,Yunnan | 99°32′ | 25°27′ | 30 |
| MD-s | *Juglans sigillata* | Midian,Yunnan | 100°45′ | 25°41′ | 21 |
| NH-s | *Juglans sigillata* | Nanhua,Yunnan | 101°16′ | 25°10′ | 27 |
| BN-s | *Juglans sigillata* | Buna,Guizhou | 105°10′ | 26°13′ | 22 |
| HC-s | *Juglans sigillata* | Houchang,Guizhou | 105°7′ | 26°13′ | 18 |
| LP-s | *Juglans sigillata* | Liupanshui,Guizhou | 104°49′ | 26°35′ | 14 |
| Total |  |  |  |  | 316 |