**Appendix B: Taxa-specific results**

For each taxon on the GTTN Tree Species Priority List 2019 (Cramm and Van Brusselen 2019) the following table indicates (i) whether an assignment test(s) was undertaken and for which method (G, genetic; D, DART TOFMS; S, stable isotopes, N:NIRS), (ii) the relevant study retrieved in the literature search, and (iii) if reference data exists with the potential for species identification in the reference database databases surveyed (e.g., presence of genetic markers in Genbank (presence of at least one of the nine barcoding markers: ITS, matK, psbA, rbcL, trnL, trnF, trnL-trnF, rpoB and rpoC1), DART TOFMS spectra in ForeST and/or anatomical descriptions in Commercial Timbers, InsideWood or Softwood ID) or NIRS literature.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Region | Genus/Species name | Assignment test | ORIGIN ID literature search | | | | SPECIES ID reference database search | | | | | | | | | | | |
|  |  |  | Genetics | DART TOFMS | Stable Isotopes | NIRS | DART TOFMS | NIRS | Wood Anatomy | Genetics | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  | ITS | matK | psbA | rbcL | trnL | trnF | trnL-trnF | rpoB | rpoC1 |
| Central- and South-America | *Abies guatemalensis* | No - G | (Rasmussen *et al.* 2010) |  |  |  |  |  | Genus level | Yes | Yes |  | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Acacia catechu* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  | Yes |
| Asia, Pacific and Oceania | *Acacia mangium* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Europe | *Acer* spp*.* | No - G | (Kvesić *et al.* 2020; Rebrean *et al.* 2019) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Africa | *Afzelia africana* | No - G | (Donkpegan *et al.* 2020) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Africa | *Afzelia bipindensis* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes |  |  |  |  |
| Asia, Pacific and Oceania | *Afzelia xylocarpa* |  |  |  |  |  | Yes |  | Genus level |  |  | Yes |  | Yes |  |  |  |  |
| Asia, Pacific and Oceania | *Agathis borneensis* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes | Yes |  |  |  |  |  |
| Asia, Pacific and Oceania | *Agathis spp.* |  |  |  |  |  | Yes | (Ma *et al.* 2019) | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Central- and South-America | *Amburana acreana* |  |  |  |  |  |  |  | Genus level |  | Yes |  |  | Yes |  |  |  |  |
| Central- and South-America | *Amburana cearensis* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Aniba rosaeodora* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  | Yes |  |
| Asia, Pacific and Oceania | *Anisoptera costata* | No - G | (Nguyen *et al.* 2021) |  |  |  |  |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes | Yes |  |
| Africa | *Antiaris toxicaria* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Apuleia leiocarpa* |  |  |  |  |  |  |  | Species level |  | Yes |  | Yes | Yes |  |  |  |  |
| Asia, Pacific and Oceania | *Aquilaria malaccensis* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Aquilaria spp.* | Yes - D  No - G | (Wang *et al.* 2020) | (Espinoza *et al.* 2014) |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Araucaria angustifolia* |  | (de Sousa *et al.* 2020) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes |  |  | Yes | Yes |
| Central- and South-America | *Aspidosperma macrocarpon* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Aspidosperma vargasii* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Africa | *Aucoumea klaineana* |  |  |  |  |  | Yes |  | Species level |  |  |  | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Bagassa guianensis* |  |  |  |  |  |  |  | Species level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  | Yes |
| Africa | *Baillonella toxisperma* | No - G | (Ndiade-Bourobou *et al.* 2020) |  |  |  | Yes |  | Species level | Yes |  |  |  |  |  |  |  |  |
| Central- and South-America | *Bertholletia excelsa* |  |  |  |  |  |  |  | Species level | Yes |  | Yes | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania, Europe, North America | *Betula spp.* | No - G | (de Dato *et al.* 2020) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Bowdichia nitida* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  |  | Yes |  |  |  |  |
| Central- and South-America | *Brosimum utile* |  |  |  |  |  |  |  | Genus level |  |  | Yes | Yes | Yes |  |  |  |  |
| Central- and South-America | *Bulnesia sarmientoi* |  |  |  |  |  | Yes |  | Species level |  |  |  | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Caesalpinia echinata* | No - G | (Lira *et al.* 2003) |  |  |  | Yes |  | Species level | Yes | Yes |  |  | Yes | Yes | Yes |  |  |
| Central- and South-America | *Calophyllum brasiliense* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes |  |  |  |  |
| Asia, Pacific and Oceania | *Calophyllum spp.* | No - G | (Lira *et al.* 2003) |  |  |  |  |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Calycophyllum spruceanum* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Canarium spp.* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Capirona decorticans* |  |  |  |  |  |  |  | Species level | Yes | Yes | Yes | Yes | Yes |  |  |  |  |
| Central- and South-America | *Carapa guianensis* | No - G | (Dayanandan *et al.* 1999) |  |  |  | Yes | (Bergo *et al.* 2016; Braga *et al.* 2011; Brunner *et al.* 1996; Pastore *et al.* 2011; Soares *et al.* 2017) | Genus level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Carapa surinamensis* |  |  |  |  |  |  |  | Genus level | Yes |  | Yes | Yes | Yes |  |  |  |  |
| Central- and South-America | *Cariniana spp.* |  |  |  |  |  |  |  | Genus level | Yes |  | Yes | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Caryocar costaricense* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Europe | *Castanea sativa* | No - G | (Janfaza *et al.* 2017; Poljak *et al.* 2017) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Cedrela angustifolia* |  |  |  |  |  |  |  | Genus level | Yes |  | Yes |  |  | Yes | Yes | Yes | Yes |
| Central- and South-America | *Cedrela fissilis* | Yes - D  No - G | (Mangaravite *et al.* 2016; Paredes-Villanueva *et al.* 2020) | (Paredes-Villanueva *et al.* 2018) |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Cedrela odorata* | Yes - G  Yes - D | (Paredes-Villanueva *et al.* 2019) | (Paredes-Villanueva *et al.* 2018) |  |  | Yes | (Bergo *et al.* 2016; Braga *et al.* 2011; Brunner *et al.* 1996; Pastore *et al.* 2011; Soares *et al.* 2017) | Genus level | Yes | Yes | Yes | Yes | Yes | Yes |  | Yes | Yes |
| Central- and South-America | *Cedrela spp.* | No - N |  |  |  | (Ramalho *et al.* 2018) |  |  | Genus level | Yes |  | Yes |  |  |  |  | Yes | Yes |
| Central- and South-America | *Cedrelinga catanaeformis/Cedrelinga cateniformis* |  |  |  |  |  |  |  | Species level | Yes | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Africa, Central- and South-America | *Ceiba pentandra* | No - G | (Bocanegra-Gonzalez *et al.* 2018) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Ceiba samauma* |  |  |  |  |  |  |  | Genus level |  |  |  | Yes |  |  |  |  |  |
| Africa | *Celtis milbraedii* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Africa | *Celtis zenkeri* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Chorisia integrifolia syn.: Ceiba integrifolia* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Chukrasia tabularis2 (previously Chukrana tabularis)* |  |  |  |  |  | Yes |  | Species level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Copaifera spp.* | No - G | (Antiqueira *et al.* 2014) |  |  |  |  |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Couratari guianensis* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Couratari spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Cupressus montana syn.: Cupressus arizonica var. montana* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Cupressus spp.* | No - G | (Sekiewicz *et al.* 2020) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Africa | *Cylicodiscus gabonensis* |  |  |  |  |  |  |  | Species level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Dalbergia calycina* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Dalbergia cambodiana* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Dalbergia cochinchinensis* | No - G | (Hartvig *et al.* 2018; Hirata *et al.* 2021) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes |  |  | Yes | Yes |
| Central- and South-America | *Dalbergia cubilquitzensis* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Dalbergia darienensis* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Dalbergia decipularis* |  |  |  |  |  |  |  | Species level | Yes | Yes |  |  | Yes |  |  |  |  |
| Central- and South-America | *Dalbergia glomerata* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Dalbergia granadillo* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Dalbergia latifolia* |  |  |  |  |  | Yes |  | Species level | Yes | Yes | Yes | Yes | Yes |  |  |  |  |
| Central- and South-America | *Dalbergia nigra* | No - G | (Resende *et al.* 2011; Silva Júnior *et al.* 2020) |  |  |  | Yes | (Snel *et al.* 2018) | Species level | Yes | Yes |  |  | Yes |  |  |  |  |
| Asia, Pacific and Oceania | *Dalbergia oliveri* | No - G | (Hartvig *et al.* 2018) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes |  |  |  |  |
| Asia, Pacific and Oceania | *Dalbergia paniculata* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  |  |  |
| Central- and South-America | *Dalbergia retusa* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes |  |  |  |  |
| Asia, Pacific and Oceania | *Dalbergia sissoo* |  |  |  |  |  | Yes |  | Species level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Africa, Central- and South-America, Asia, Pacific and Oceania | *Dalbergia spp.* | No - G  Yes - D | (Andrianoelina *et al.* 2009; Hirata *et al.* 2021) | (McClure *et al.* 2015) |  |  | Yes | (Snel *et al.* 2018) | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Dalbergia stevensonii* |  |  |  |  |  | Yes |  | Species level | Yes | Yes | Yes |  | Yes |  |  |  |  |
| Central- and South-America | *Dalbergia tucurensis* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes |  | Yes |  |  |  |  |
| Central- and South-America | *Dicorynia guianensis* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes | Yes | Yes |  |  | Yes | Yes |
| Central- and South-America | *Dinizia excelsa* |  |  |  |  |  |  |  | Species level | Yes | Yes |  |  | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Diospyros celebica* |  |  |  |  |  |  |  | Genus level |  | Yes |  | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Diospyros ebenum* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Africa, Asia, Pacific and Oceania | *Diospyros spp.* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Dipterocarpus alatus* | No - G | (Dinh-Duy *et al.* 2019; Tam *et al.* 2014b) |  |  |  | Yes |  | Genus level |  | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Dipterocarpus costatus* | No - G | (Dinh-Duy *et al.* 2019; Tam *et al.* 2014a) |  |  |  |  |  | Genus level |  | Yes |  | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Dipterocarpus littoralis* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Dipterocarpus macrocarpus* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Dipterocarpus spp.* | No - G | (Nguyen *et al.* 2020) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Dipterocarpus tuberculatus* |  |  |  |  |  | Yes |  | Genus level |  | Yes |  | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Dipteryx alata* | No - G | (Honorio Coronado *et al.* 2020) |  |  |  |  |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Dipteryx micrantha* | No - G | (Honorio Coronado *et al.* 2020) |  |  |  |  |  | Genus level | Yes | Yes | Yes |  | Yes |  |  |  |  |
| Central- and South-America | *Dipteryx odorata* | Yes - G | (Honorio Coronado *et al.* 2020) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Dipteryx panamensis* |  |  |  |  |  | Yes |  | Genus level | Yes |  |  |  | Yes |  |  |  |  |
| Central- and South-America | *Dipteryx spp.* | Yes - G | (Honorio Coronado *et al.* 2020) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Dryobalanops spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Endospermum moluccanum* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Africa | *Entandrophragma angolense* |  |  |  |  |  | Yes |  | Species level |  |  |  |  |  |  |  |  |  |
| Africa | *Entandrophragma candollei* |  |  |  |  |  | Yes |  | Species level |  | Yes |  | Yes |  |  |  |  |  |
| Africa | *Entandrophragma cylindricum* | Yes - G | (Degen *et al.* 2017; Jolivet and Degen 2012) |  |  |  | Yes |  | Species level | Yes |  |  |  |  |  |  |  |  |
| Africa | *Entandrophragma utile* |  |  |  |  |  | Yes |  | Species level | Yes | Yes |  | Yes |  |  |  |  |  |
| Central- and South-America | *Eperua falcata* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Eperua grandiflora* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Africa | *Erythrophleum ivorense (Erythrophleum suaveolens)1* | Yes - G  Yes - S | (Duminil *et al.* 2010; Vlam *et al.* 2018) |  | (Vlam *et al.* 2018) |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Eucalyptus globulus* | No - G | (Roman *et al.* 2020) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Eusideroxylon zwageri* |  |  |  |  |  |  | (Ma *et al.* 2019) | Genus level |  | Yes | Yes |  |  | Yes | Yes |  |  |
| North-America | *Fagus grandifolia* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  | Yes |
| Europe, North-America | *Fagus spp.* |  |  |  |  |  |  | (Tsuchikawa *et al.* 2003) | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Europe | *Fagus sylvatica* | No - G | (Bijarpasi *et al.* 2020; Kembryte *et al.* 2021) |  |  |  |  | (Ma *et al.* 2019) | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Ficus spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  | Yes |
| Central- and South-America | *Fitzroya cupressoides* |  |  |  |  |  | Yes |  | Species level | Yes | Yes | Yes | Yes | Yes | Yes |  |  |  |
| Asia, Pacific and Oceania | *Fraxinus mandshurica* | No - G | (Hu *et al.* 2010; Hu *et al.* 2008) |  |  |  | Yes | (Ma *et al.* 2019) | Genus level | Yes | Yes | Yes | Yes |  |  |  | Yes | Yes |
| Asia, Pacific and Oceania, Europe, North America | *Fraxinus spp.* |  | (Hebel *et al.* 2006; Heuertz *et al.* 2004; Peng-Li *et al.* 2019) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Gonystylus spp.* | Yes - G | (Diway *et al.* 2015; Fatma *et al.* 2011; Ng *et al.* 2016) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Goupia glabra* |  |  |  |  |  |  |  | Species level |  | Yes | Yes | Yes | Yes |  |  | Yes | Yes |
| Central- and South-America | *Guaiacum officinale* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Guaiacum sanctum* | No - G | (Oyama *et al.* 2016) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Africa | *Guibourtia demeusei* |  |  |  |  |  | Yes |  | Genus level |  | Yes |  |  | Yes | Yes | Yes |  |  |
| Africa | *Guibourtia pellegriniana* |  |  |  |  |  | Yes |  | Genus level |  | Yes |  |  | Yes | Yes | Yes |  |  |
| Africa | *Guibourtia spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Africa | *Guibourtia tessmannii* |  |  |  |  |  | Yes |  | Genus level |  | Yes |  |  | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Gyrinops spp.* | No - G | (Tanaka and Ito 2020a; b) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Handroanthus albus2 (previously Tabebuia alba)* |  |  |  |  |  |  |  | Genus level |  | Yes |  | Yes |  |  |  |  |  |
| Central- and South-America | *Handroanthus heptaphyllus2 (previously Tabebuia heptaphylla)* |  |  |  |  |  |  |  | Genus level |  |  |  | Yes |  |  |  |  |  |
| Central- and South-America | *Handroanthus impetiginosum2 (previously Tabebuia impetiginosa)* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Handroanthus incanus2 (previously Tabebuia incana)* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Handroanthus ochracea2 (previously Tabebuia ochracea)* | No - G | (Moreira *et al.* 2009) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Handroanthus serratifolius2 (previously Tabebuia serratifolia)* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Handroanthus spp. = Tabebuia spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Hopea odorata* |  |  |  |  |  |  |  | Genus level |  | Yes |  | Yes | Yes | Yes | Yes | Yes |  |
| Central- and South-America | *Hura crepitans* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Hymenaea courbaril* | Yes - G | (Chaves *et al.* 2018) |  |  |  |  | (Soares *et al.* 2017) | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Hymenaea parviflora* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Hymenolobium elatum* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Intsia spp.* | Yes - G | (Lowe *et al.* 2010) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes |  |  |  |  |
| Central- and South-America | *Jacaranda copaia* | No - G | (Scotti-Saintagne *et al.* 2013) |  |  |  |  | (Brunner *et al.* 1996) | Genus level |  | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Juglans boliviana* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  |  |  |  |  |  |  |
| Central- and South-America | *Juglans olanchana* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes |  |  |  |
| Africa | *Julbernardia pellegriniana, syn.: Paraberlinia bifoliolata2 (species and synonym swapped)* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  |  | Yes | Yes | Yes |  |  |
| Africa | *Khaya anthotheca syn.: Khaya nyasica* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes |  | Yes |  |  |  |  |  |
| Africa | *Khaya grandifoliola* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  | Yes |  | Yes | Yes |  |  |
| Africa | *Khaya ivorensis* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Africa | *Khaya madagascariensis* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Africa | *Khaya senegalensis* | No - G | (Gaoue *et al.* 2014) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  |  |  |
| Asia, Pacific and Oceania | *Koompassia excelsa* |  |  |  |  |  |  |  | Species level |  | Yes |  |  | Yes |  |  |  |  |
| Asia, Pacific and Oceania | *Lagerstroemia spp.* | No - G | (Jayakumar *et al.* 2014) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Europe | *Larix decidua* | Yes - G | (Blanc-Jolivet *et al.* 2018) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Larix gmelinii* | No - G | (Oreshkova *et al.* 2013) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  | Yes |
| Asia, Pacific and Oceania | *Larix kaempferi* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Larix olgensis* | No - G | (Polezhaeva *et al.* 2013) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Larix sibirica* | No - G | (Oreshkova *et al.* 2013; Vasilyeva *et al.* 2020a; Vasilyeva *et al.* 2020b) |  |  |  |  |  | Genus level | Yes |  | Yes | Yes |  | Yes | Yes |  |  |
| Africa | *Leplaea cedrata syn.: Guarea cedrata2 (species and synonym swapped)* |  |  |  |  |  |  |  | Genus level | Yes |  |  |  |  |  |  |  |  |
| Africa | *Leplaea thompsonii syn.: Guarea thompsonii2 (species and synonym swapped)* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  |  |  |
| Africa | *Lophira alata* |  |  |  |  |  |  |  | Species level | Yes | Yes |  | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Machaerium scleroxylon* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes |  | Yes | Yes |  |  |  |  |
| Central- and South-America | *Manilkara bidentata* |  |  |  |  |  |  | (Brunner *et al.* 1996) | Genus level | Yes | Yes | Yes | Yes | Yes |  |  |  |  |
| Central- and South-America | *Manilkara huberi* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes |  |  | Yes | Yes |
| Central- and South-America | *Manilkara spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  |  |  |
| Africa | *Microberlinia bisulcata* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes |  |  | Yes | Yes | Yes |  |  |
| Africa | *Microberlinia brazzavillensis* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes |  |  | Yes | Yes | Yes |  |  |
| Central- and South-America | *Micropholis melinoniana* |  |  |  |  |  |  | (Bergo *et al.* 2016; Braga *et al.* 2011; Pastore *et al.* 2011) | Genus level | Yes |  |  | Yes | Yes |  |  |  |  |
| Africa | *Milicia excelsa* | No - G | (Bizoux *et al.* 2009; Dainou *et al.* 2010; Ouinsavi *et al.* 2009) |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Africa | *Milicia regia* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes | Yes | Yes | Yes |  |  |  |
| Africa | *Millettia laurentii* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Minquartia guianensis* |  |  |  |  |  |  |  | Species level | Yes | Yes | Yes | Yes | Yes |  |  | Yes | Yes |
| Central- and South-America | *Myroxylon balsamum* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Africa | *Nauclea diderrichii* |  |  |  |  |  | Yes |  | Species level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Neolamarckia cadamba syn.: Anthocephalus cadamba2* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes |  |  |  |  |  |  |
| Africa | *Ocotea usambarensis* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  |  |  |
| Central- and South-America | *Ormosia spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Pachira (Bombacopsis) quinata* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Palaquium spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  |  |  |
| Asia, Pacific and Oceania | *Parashorea lucida* |  |  |  |  |  |  |  | Genus level |  | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Central- and South-America | *Peltogyne venosa* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Africa | *Pericopsis elata* |  |  |  |  |  | Yes |  | Genus level |  | Yes |  |  |  |  |  |  |  |
| Europe | *Picea abies* | No - G  No - S  No - N | (Bínová *et al.* 2020; Vendramin *et al.* 2000) |  | (Gori *et al.* 2018) | (Sandak *et al.* 2011) |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Pilgerodendron uviferum* |  |  |  |  |  | Yes |  | Species level |  | Yes | Yes | Yes | Yes | Yes |  |  |  |
| Europe | *Pinus cembra* | No - G | (Dzialuk *et al.* 2014; Gugerli *et al.* 2009; Hoehn *et al.* 2009) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes |  |  | Yes | Yes |
| Asia, Pacific and Oceania | *Pinus kesiya* | No - G | (Rai and Ginwal 2018) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  | Yes |
| Asia, Pacific and Oceania | *Pinus koraiensis* | No - G | (Feng *et al.* 2006; Li *et al.* 2021) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Europe | *Pinus mugo* | No - G | (Dzialuk *et al.* 2014; Wachowiak *et al.* 2005; Zukowska and Wachowiak 2017) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Africa, Europe | *Pinus nigra* | No - G | (Afzal-Rafii and Dodd 2007) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  | Yes |
| Europe | *Pinus pinaster* | No - G | (Derory *et al.* 2002) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Central- and South-America | *Pinus radiata* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Pinus roxburghii* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes |  | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania, Europe | *Pinus sylvestris* | Yes - G | (Dering *et al.* 2017; Hebda *et al.* 2017; Li *et al.* 2005; Nowakowska 2011; Padutov *et al.* 2021; Robledo-Arnuncio *et al.* 2004; Semerikov *et al.* 2014; Wojkiewicz *et al.* 2016) |  |  |  | Yes | (Brunner *et al.* 1996) | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Pinus wallichiana* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  | Yes |
| Africa | *Piptadeniastrum africanum* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Central- and South-America | *Platymiscium pleiostachyum* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Podocarpus elatus* | No - G | (Mellick *et al.* 2011) |  |  |  |  |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Podocarpus imbricatus* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  | Yes |
| Asia, Pacific and Oceania | *Podocarpus neriifolius* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  | Yes |
| Central- and South-America | *Podocarpus parlatorei* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Podophyllum hexandrum* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  | Yes |
| Asia, Pacific and Oceania | *Pometia pinnata* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Populus adenopoda* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Europe | *Populus alba* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| North-America | *Populus balsamifera* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes |  | Yes | Yes |  | Yes | Yes |
| Asia, Pacific and Oceania | *Populus cathayana* | No - G | (Peng and Chen 2011; Peng *et al.* 2005) |  |  |  |  |  | Genus level | Yes | Yes | Yes |  |  | Yes |  | Yes | Yes |
| North-America | *Populus deltoides* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes |  | Yes | Yes |  | Yes | Yes |
| Asia, Pacific and Oceania | *Populus euphratica* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Central- and South-America, North America | *Populus fremontii* |  |  |  |  |  | Yes |  | Genus level |  | Yes |  | Yes | Yes | Yes |  | Yes | Yes |
| North-America | *Populus grandidentata* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  |  |  | Yes | Yes |
| Asia, Pacific and Oceania | *Populus koreana* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes |  |  | Yes |  |
| Asia, Pacific and Oceania | *Populus lasiocarpa* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Populus maximowiczii* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Europe | *Populus nigra* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes |  | Yes | Yes |  | Yes | Yes |
| Asia, Pacific and Oceania | *Populus simonii* | No - G | (Wei *et al.* 2013) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Populus szechuanica* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Europe | *Populus tremula* |  | (Salvini *et al.* 2001; Svetlakova *et al.* 2014) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America, North America | *Populus tremuloides* | No - G | (Callahan *et al.* 2013; Latutrie *et al.* 2016) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes |  | Yes | Yes |  | Yes | Yes |
| North-America | *Populus trichocarpa* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes |  | Yes |  |  | Yes | Yes |
| Asia, Pacific and Oceania | *Populus ussuriensis* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Populus wilsonii* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Africa | *Pouteria altissima2 (previously Aningeria altissima)* |  |  |  |  |  |  |  | Genus level | Yes |  | Yes | Yes |  | Yes | Yes |  |  |
| Africa | *Pouteria robusta2 (previously Aningeria robusta)* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Africa | *Pterocarpus angolensis* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Pterocarpus dalbergoides* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Africa | *Pterocarpus erinaceus* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes |  |  |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Pterocarpus indicus* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Pterocarpus macrocarpus* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Pterocarpus marsupium* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Pterocarpus santalinus* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  | Yes |
| Africa | *Pterocarpus soyauxii2 (separated from Pterocarpus tinctorius)* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes |  | Yes |  |  |  |  |  |
| Africa | *Pterocarpus tinctorius2 (separated from Ptercarpus soyauxii)* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Africa | *Pterygota bequaertii* |  |  |  |  |  |  |  | Genus level |  | Yes |  | Yes |  |  |  |  |  |
| Central- and South-America | *Qualea spp.* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes | Yes | Yes |  |  | Yes | Yes |
| North-America | *Quercus alba* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| North-America | *Quercus macrocarpa* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  | Yes | Yes |
| Asia, Pacific and Oceania | *Quercus mongolica* |  |  |  |  |  | Yes | (Tsuchikawa *et al.* 2003) | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Europe | *Quercus petraea* | Yes - G | (Craciunesc *et al.* 2016; Lupini *et al.* 2019; Neophytou *et al.* 2010; Nowakowska 2011) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  | Yes |
| Europe | *Quercus robur* | Yes - G | (Chokheli *et al.* 2018; Craciunesc *et al.* 2016; Neophytou *et al.* 2010; Nowakowska 2011) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania, Central- and South-America, Europe, North-America | *Quercus spp.* | Yes - S  No - G | (Ashley *et al.* 2015; Chen *et al.* 2021; Di Pietro *et al.* 2021; Ju *et al.* 2019; Kitamura *et al.* 2017; Li *et al.* 2019; Ohsawa *et al.* 2011a; Ohsawa *et al.* 2011b; Ohsawa *et al.* 2007; Peñaloza-Ramírez *et al.* 2020; Suzuki Spence *et al.* 2021; Zorrilla-Azcue *et al.* 2021) |  | (Watkinson *et al.* 2020) |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Roupala spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes |  |  |  |
| Central- and South-America | *Ruizterania albiflora syn.: Qualea albiflora* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes | Yes | Yes |  |  | Yes | Yes |
| Asia, Pacific and Oceania | *Santalum album* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Santalum spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  | Yes |  |  |  | Yes |  |
| Central- and South-America | *Schlegelia parviflora2 (previously Tabebuia micrantha)* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Sextonia rubra* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Shorea acuminata* |  |  |  |  |  | Yes |  | Genus level |  | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea acuminatissima* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea agsaboensis* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea assamica* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea atrinervosa* |  |  |  |  |  | Yes |  | Genus level |  | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea balangeran* |  |  |  |  |  | Yes |  | Genus level | Yes |  |  |  | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Shorea bracteolate* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea brunnescens* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea collina* |  |  |  |  |  | Yes |  | Genus level |  |  | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea crassa* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Shorea curtisii* |  |  |  |  |  | Yes |  | Genus level |  | Yes | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea dasyphylla* |  |  |  |  |  | Yes |  | Genus level |  | Yes | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea dealbata* |  |  |  |  |  | Yes |  | Genus level | Yes |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea exelliptica* |  |  |  |  |  |  |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea faguetiana* |  |  |  |  |  | Yes |  | Genus level | Yes |  | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea farinosa* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea foxworthyi* |  |  |  |  |  | Yes |  | Genus level | Yes |  | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea gibbosa* |  |  |  |  |  | Yes |  | Genus level |  | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea glauca* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  | Yes |  |  | Yes |  |
| Asia, Pacific and Oceania | *Shorea guiso* | No - G | (Tinio *et al.* 2014) |  |  |  | Yes |  | Species level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea havilandii* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Shorea hemsleyana* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  | Yes |  |  | Yes |  |
| Asia, Pacific and Oceania | *Shorea hopeifolia* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Shorea hypochra* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea javanica* | No - G | (Rachmat *et al.* 2012) |  |  |  | Yes |  | Genus level | Yes |  | Yes |  | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Shorea johorensis* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Shorea kunstleri* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea laevis* |  |  |  |  |  | Yes |  | Species level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea lamellate* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea lepidota* |  |  |  |  |  | Yes |  | Genus level |  |  | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea leprosula* | No - G  No - S | (Ohtani *et al.* 2013) |  | (Kagawa *et al.* 2007) |  | Yes |  | Species level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea leptoderma* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea longipetala* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea macrantha* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  | Yes |  |  | Yes |  |
| Asia, Pacific and Oceania | *Shorea macroptera* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea materialis* |  |  |  |  |  | Yes |  | Genus level | Yes |  | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea maxwelliana* |  |  |  |  |  | Yes |  | Genus level | Yes |  | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea multiflora* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes |  |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea obtusa* | No - G | (Senakun *et al.* 2011) |  |  |  | Yes |  | Genus level |  | Yes |  | Yes |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea ochrophloia* |  |  |  |  |  | Yes |  | Genus level |  | Yes | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea ovata* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea parvifolia* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea pauciflora* | No - S |  |  | (Kagawa *et al.* 2007) |  | Yes |  | Genus level | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea platyclados* | Yes - G | (Ng *et al.* 2017) |  |  |  | Yes |  | Genus level |  |  | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea robusta* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Shorea rugosa var. vuliginosa* |  |  |  |  |  | Yes |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea seminis* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea singkawang* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea submontana* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Shorea sumatrana* |  |  |  |  |  |  |  | Genus level |  |  | Yes |  | Yes | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Shorea superba* |  |  |  |  |  | Yes |  | Genus level |  |  | Yes |  | Yes | Yes | Yes | Yes |  |
| Central- and South-America | *Simarouba amara* | No - G | (Hardesty *et al.* 2010) |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Europe | *Sorbus torminalis* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes |  |  |  |  |
| Central- and South-America | *Swartzia spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Swietenia humilis* |  |  |  |  |  | Yes |  | Genus level | Yes |  | Yes |  |  |  |  | Yes | Yes |
| Central- and South-America | *Swietenia macrophylla* | Yes - G  Yes - N | (Degen *et al.* 2013; Ernesto Alcala *et al.* 2015; Lemes *et al.* 2010) |  |  | (Silva *et al.* 2018) | Yes | (Bergo *et al.* 2016; Braga *et al.* 2011; Pastore *et al.* 2011; Silva *et al.* 2018; Soares *et al.* 2017) | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Swietenia mahagoni* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Swintonia spp.* |  |  |  |  |  |  |  | Genus level |  | Yes |  | Yes | Yes |  | Yes |  |  |
| Central- and South-America | *Tabebuia aurea* | No - G | (Collevatti *et al.* 2020) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Central- and South-America | *Tabebuia pilosa* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Tabebuia rosea* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Taxus baccata* | No - G | (Dubreuil *et al.* 2010; Litkowiec *et al.* 2015; Maroso *et al.* 2021) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Taxus chinensis* | No - G | (Dinh-Duy *et al.* 2017; Wu *et al.* 2019) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Taxus cuspidata* |  |  |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Taxus fuana* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  | Yes |
| Asia, Pacific and Oceania | *Taxus sumatrana* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes |  | Yes |
| Asia, Pacific and Oceania | *Taxus wallichiana* | No - G | (Dinh Duy *et al.* 2017; Poudel *et al.* 2014; Zhang and Zhou 2013) |  |  |  | Yes |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania, Africa | *Tectona grandis* | No - G | (Balakrishnan *et al.* 2021; Minn *et al.* 2014) |  |  |  | Yes | (Tsuchikawa *et al.* 2003) | Species level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes |  |
| Asia, Pacific and Oceania | *Terminalia arjuna* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  |  |  |
| Asia, Pacific and Oceania | *Terminalia chebula* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  |  | Yes |
| Africa | *Terminalia ivorensis* |  |  |  |  |  |  |  | Species level | Yes |  | Yes | Yes |  |  |  |  |  |
| Asia, Pacific and Oceania | *Terminalia manii* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Terminalia myriocarpa* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  |  |  |
| Africa | *Terminalia superba* | Yes - D |  | (Deklerck *et al.* 2020) |  |  | Yes |  | Species level | Yes | Yes | Yes | Yes |  |  |  |  |  |
| Africa | *Tetraberlinia tubmaniana* |  |  |  |  |  |  |  | Genus level |  |  |  |  |  |  |  |  |  |
| Asia, Pacific and Oceania | *Tetracentron sinense* |  |  |  |  |  |  |  | Species level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Tetramerista glabra* |  |  |  |  |  |  |  | Species level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Tipuana tipu* |  |  |  |  |  |  |  | Species level | Yes | Yes |  | Yes | Yes | Yes | Yes |  |  |
| Asia, Pacific and Oceania | *Toona ciliata* | No - G | (Liu *et al.* 2014; Zhan *et al.* 2019) |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  | Yes | Yes | Yes | Yes |
| Asia, Pacific and Oceania | *Toona sureni* |  |  |  |  |  |  |  | Genus level | Yes |  | Yes | Yes |  |  |  |  |  |
| Africa | *Triplochiton scleroxylon* |  |  |  |  |  | Yes | (Ma *et al.* 2019) | Species level |  |  |  |  |  |  |  |  |  |
| Central- and South-America | *Virola spp.* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Central- and South-America | *Virola surinamensis* |  |  |  |  |  |  |  | Genus level |  | Yes | Yes |  | Yes | Yes | Yes |  |  |
| Africa | *Vitex keniensis* |  |  |  |  |  |  |  | Genus level |  |  |  | Yes |  |  |  |  |  |
| Asia, Pacific and Oceania | *Vitex pinnata* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes |  |  |  |  |  |
| Asia, Pacific and Oceania | *Vitex spp.* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  | Yes |
| Central- and South-America | *Vouacapoua americana* |  |  |  |  |  |  |  | Genus level | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Africa | *Widdringtonia whytei* |  |  |  |  |  |  |  | Family level |  | Yes |  | Yes | Yes |  |  |  |  |
| Asia, Pacific and Oceania | *Xylia xylocarpa* |  |  |  |  |  |  |  | Genus level |  | Yes |  |  |  |  |  |  |  |

Taxa that do not have an entry in the assignment test column did not appear in studies retrieved in the literature search.

1Grouped together as one species under *Erythrophleum ivorense* in analysis as per priority species list

2Entry updated based on the Catalogue of Life (https://www.catalogueoflife.org/)

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