表1 台灣常見24 種造林樹種之絕乾比重、碳含量百分比及轉換係數

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 商品名  (Common name) | 學 名  (Species name) | So1) | C2)  (%) | Conversion factor3) |
| 針葉樹 (Softwoods) | | | | |
| 台灣肖楠 (Taiwan incense-cedar) | *Calocedrus formosana* | 0.54 | 48.57 | 0.262 |
| 紅檜 (Taiwan red falsecypress) | *Chamaecyparis formosensis* | 0.42 | 48.64 | 0.204 |
| 台灣扁柏 (Taiwan Hinoki falsecypress) | *Chamaecyparis obtusa* | 0.42 | 48.22 | 0.203 |
| 柳杉 (Cryptomeria) | *Cryptomeria japonica* | 0.36 | 49.03 | 0.177 |
| 福州杉 (Large-leaved China-fir) | *Cunninghamia lanceolata* | 0.31 | 48.32 | 0.150 |
| 台灣雲杉 (Morrison spruce) | *Picea morrisonicola* | 0.47 | 46.91 | 0.221 |
| 台灣二葉松 (Taiwan red pine) | *Pinus taiwanensis* | 0.55 | 47.04 | 0.259 |
| 台灣杉 (Taiwania) | *Tawania cryptomerioides* | 0.32 | 48.32 | 0.155 |
| 台灣鐵杉 (Chinese hemlock) | *Tsuga chinensis* | 0.42 | 48.82 | 0.205 |
| 闊葉樹 (Hardwoods) | | | | |
| 相思樹 (Taiwan acacia) | Acacia confusa | 0.77 | 47.17 | 0.363 |
| 台灣赤楊 (Formosan alder) | *Alnus japonica* | 0.47 | 46.20 | 0.217 |
| 茄冬 (Autumn maple tree) | *Bischofia javanica* | 0.65 | 46.78 | 0.304 |
| 木麻黃 (Polyesian iron wood) | *Casuarina equisetifolia* | 0.67 | 46.61 | 0.312 |
| 樟木 (Camphor tree ) | *Cinnamomum camphora* | 0.37 | 47.00 | 0.174 |
| 牛樟 (Stout camphor tree) | *Cinnamomum micranthum* | 0.39 | 45.69 | 0.178 |
| 光蠟樹 (Formosan ash) | *Fraxinus formosana* | 0.73 | 46.83 | 0.342 |
| 大葉楠 (Large-leaved nanmu) | *Machilus kusanoi* | 0.46 | 47.45 | 0.218 |
| 香楠 (Incense machilus) | *Machilus zuihoensis* | 0.47 | 46.93 | 0.221 |
| 楝樹 (China berry-tree) | *Melia azedarach* | 0.54 | 46.63 | 0.252 |
| 烏心石 (Formosan michelia) | *Michelia compressa* | 0.52 | 47.51 | 0.247 |
| 印度紫檀 (Paudauk) | *Pterocarpus indicus* | 0.58 | 47.02 | 0.273 |
| 木荷 (Chinese guger-tree) | *Schima superba* | 0.61 | 46.87 | 0.286 |
| 大葉桃花心木 (Honduras mahogany) | *Swietenia macrophylla* | 0.50 | 47.26 | 0.236 |
| 台灣櫸 (Taiwan zelkova) | *Zelkova serrata* | 0.73 | 47.66 | 0.348 |

1) So：絕乾比重：Oven-dried specific gravity.

2) C：碳含量：Carbon content.

3) Conversion factor：轉換係數= S0\*C/100.