# SUPPLEMENTARY MATERIAL

Table S1. Mean and standard deviation (in parenthesis) of six fine root traits for eleven sapling species from a dry forest in Colombia. n is the sample size. Trait abbreviations: D: Root diameter, BI: Branching intensity, SRL: Specific root length, RDMC: Root dry matter content, RTD: Root tissue density, %M: Mycorrhizal colonization. Species abbreviation: Oc.py: *Ochroma pyramidale*, Ja.ca: *Jacaranda caucana*, Ce.pe: *Ceiba pentandra*. Sa.sa: *Sapindus saponaria*, Pse.sep: *Pseudobombax septenatum,* Ma.ca: *Machaerium capote*, Ca.co: *Casearia corymbosa*, Gu.ul: *Guazuma ulmifolia*, Ce.ig: *Celtis iguanaea*, Ch.ma: *Chloroleucon mangense*, Ta.ro: *Tabebuia rosea.*

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Species | n | **D****(mm)** | **BI** **(**mm-1**)** | **SRL** **(**m g-1**)** | **RDMC (**mg g-1) | **TRD** **(**g cm-3**)** | **%M** **(%)** |
| Ca.co | 4 | 0.301 (0.011) | 0.746 (0.069) | 32.019 (3.848) | 329.744 (57.255) | 0.33 (0.021) | 42.537 (19.676) |
| Ce.ig | 5 | 0.277 (0.028) | 0.716 (0.145) | 39.516 (12.028) | 385.821 (87.796) | 0.335 (0.042) | 58.776 (13.875) |
| Ce.pe | 6 | 0.587 (0.06) | 0.397 (0.069) | 15.226 (1.55) | 293.161 (94.412) | 0.185 (0.02) | 38.172 (6.787) |
| Ch.ma | 5 | 0.591 (0.097) | 0.377 (0.05) | 11.937 (3.887) | 280.522 (33.36) | 0.214 (0.017) | 17.802 (5.007) |
| Gu.ul | 6 | 0.396 (0.09) | 0.552 (0.187) | 19.684 (14.645) | 409.446 (65.946) | 0.379 (0.072) | 23.857 (7.842) |
| Ja.ca | 5 | 0.532 (0.047) | 0.307 (0.009) | 12.049 (4.092) | 376.081 (87.564) | 0.316 (0.037) | 59.385 (20.412) |
| Ma.ca | 5 | 0.518 (0.038) | 0.452 (0.06) | 14.384 (2.741) | 317.325 (50.541) | 0.247 (0.027) | 30.088 (18.493) |
| Oc.py | 5 | 0.566 (0.038) | 0.37 (0.074) | 13.029 (2.644) | 293.898 (39.81) | 0.255 (0.06) | 53.726 (8.618) |
| Pse.sep | 5 | 0.445 (0.094) | 0.399 (0.043) | 21.992 (5.745) | 325.581 (43.526) | 0.247 (0.048) | 30.612 (8.766) |
| Sa.sa | 5 | 0.428 (0.04) | 0.509 (0.069) | 19.347 (3.703) | 336.019 (50.403) | 0.282 (0.011) | 18.384 (3.65) |
| Ta.ro | 5 | 0.558 (0.044) | 0.296 (0.063) | 17.262 (3.765) | 228.621 (38.441) | 0.193 (0.031) | 35.668 (10.227) |

Table S2. Pearson correlation coefficients with Bonferroni correction for pairwise relationships between six fine root traits for eleven sapling species from a dry forest in Colombia.Trait abbreviations: D: Root diameter, %M: Mycorrhizal colonization, RDMC: Root dry matter content, RTD: Root tissue density, BI: Branching intensity, SRL: Specific root length. \*P<0.05. \*\*P < 0.01. \*\*\*P < 0.0001.

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| --- | --- | --- | --- | --- | --- |
|  | D | %M | RDMC | RTD | BI |
| %M | -0.031  |  |  |  |  |
| RDMC | -0.291 \* | 0.175  |  |  |  |
| RTD | -0.553 \*\*\*  | 0.158  | 0.723 \*\*\* |  |  |
| BI | -0.754 \*\*\* | 0.088  | 0.331 \* | 0.370 \*\* |  |
| SRL | -0.839 \*\*\* | 0.008  | -0.028  | 0.139  | 0.686 \*\*\* |

Table S3. Standard Eigenvalues for each component of the principal component analysis (PCA) of six fine root traits. Trait abbreviations: D: Root diameter, BI: Branching intensity, SRL: Specific root length, RDMC: Root dry matter content, RTD: Root tissue density, %M: Mycorrhizal colonization.

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| --- | --- | --- | --- | --- | --- | --- |
|  | **PC1** | **PC2** | **PC3** | **PC4** | **PC5** | **PC6** |
| **D** | -0.5308 | -0.1931 | 0.02492 | -0.3165 | 0.03613 | -0.7608 |
| **BI** | 0.47156 | 0.22627 | 0.02422 | -0.7402 | 0.41794 | -0.0578 |
| **SRL** | 0.42475 | 0.53068 | 0.07961 | 0.24812 | -0.408 | -0.551 |
| **RDMC** | 0.35783 | -0.596 | -0.184 | -0.3108 | -0.6215 | -0.0046 |
| **RTD** | 0.424 | -0.4773 | -0.1207 | 0.44022 | 0.51999 | -0.3371 |
| **%M** | 0.08751 | -0.2164 | 0.97161 | 0.00206 | -0.031 | 0.02335 |

Table S4. Multivariate comparison of species using dissimilarity index (non-shared probabilities). Bold numbers indicate significant differences between species using the dissimilarity index (> 95% of non-shared probability). Species abbreviation: Oc.py: *Ochroma pyramidale*, Ja.ca: *Jacaranda caucana*, Ce.pe: *Ceiba pentandra*. Sa.sa: *Sapindus saponaria*, Pse.sep: *Pseudobombax septenatum,* Ma.ca: *Machaerium capote*, Ca.co: *Casearia corymbosa*, Gu.ul: *Guazuma ulmifolia*, Ce.ig: *Celtis iguanaea*, Ch.ma: *Chloroleucon mangense*, Ta.ro: *Tabebuia rosea.*

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|  | **Ca.co** | **Ce.pe** | **Ce.ig** | **Ch.ma** | **Gu.ul** | **Ja.ca** | **Ma.ca** | **Oc.py** | **Pse.sep** | **Sa.sa** | **Ta.ro** |  |
| **Ca.co** |  | **1.00** | 0.41 | **1.00** | 0.64 | **1.00** | **1.00** | **1.00** | 0.93 | 0.87 | **1.00** |  |
| **Ce.pe** | **1.00** |  | **1.00** | 0.63 | **0.96** | 0.87 | 0.80 | 0.47 | 0.64 | **0.95** | 0.49 |  |
| **Ce.ig** | 0.41 | **1.00** |  | **1.00** | 0.86 | **1.00** | **1.00** | **1.00** | **0.99** | **1.00** | **1.00** |  |
| **Ch.ma** | **1.00** | 0.63 | **1.00** |  | **1.00** | **1.00** | 0.79 | 0.61 | 0.61 | 0.92 | 0.60 |  |
| **Gu.ul** | 0.64 | **0.96** | 0.86 | **1.00** |  | 0.60 | 0.94 | 0.94 | 0.90 | 0.64 | **1.00** |  |
| **Ja.ca** | **1.00** | 0.87 | **1.00** | **1.00** | 0.60 |  | 0.15 | 0.00 | 0.88 | 0.81 | 0.94 |  |
| **Ma.ca** | **1.00** | 0.80 | **1.00** | 0.79 | 0.94 | 0.15 |  | 0.41 | 0.61 | 0.76 | 0.73 |  |
| **Oc.py** | **1.00** | 0.47 | **1.00** | 0.61 | 0.94 | 0.00 | 0.41 |  | 0.69 | **0.95** | 0.41 |  |
| **Pse.sep** | 0.93 | 0.64 | **0.99** | 0.61 | 0.90 | 0.88 | 0.61 | 0.69 |  | 0.52 | 0.67 |  |
| **Sa.sa** | 0.87 | **0.95** | **1.00** | 0.92 | 0.64 | 0.81 | 0.76 | **0.95** | 0.52 |  | **1.00** |  |
| **Ta.ro** | **1.00** | 0.49 | **1.00** | 0.60 | **1.00** | 0.94 | 0.73 | 0.41 | 0.67 | **1.00** |  |  |

Table S5. Univariate comparison of species using dissimilarity index (non-shared probabilities) for Root mean diameter (D). Bold numbers indicate significant differences between species using the dissimilarity index (> 95% of non-shared probability). Species abbreviation: Oc.py: *Ochroma pyramidale*, Ja.ca: *Jacaranda caucana*, Ce.pe: *Ceiba pentandra*. Sa.sa: *Sapindus saponaria*, Pse.sep: *Pseudobombax septenatum,* Ma.ca: *Machaerium capote*, Ca.co: *Casearia corymbosa*, Gu.ul: *Guazuma ulmifolia*, Ce.ig: *Celtis iguanaea*, Ch.ma: *Chloroleucon mangense*, Ta.ro: *Tabebuia rosea.*

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Ca.co** | **Ce.pe** | **Ce.ig** | **Ch.ma** | **Gu.ul** | **Ja.ca** | **Ma.ca** | **Oc.py** | **Pse.sep** | **Sa.sa** | **Ta.ro** |  |
| **Ca.co** |  | **1.00** | 0.00 | **1.00** | 0.00 | **1.00** | **1.00** | **1.00** | 0.00 | **1.00** | **1.00** |  |
| **Ce.pe** | **1.00** |  | **1.00** | 0.53 | 0.85 | 0.21 | 0.33 | 0.00 | 0.64 | **0.95** | 0.00 |  |
| **Ce.ig** | 0.00 | **1.00** |  | **1.00** | 0.00 | **1.00** | **1.00** | **1.00** | 0.27 | **1.00** | **1.00** |  |
| **Ch.ma** | **1.00** | 0.53 | **1.00** |  | 0.83 | 0.61 | 0.53 | 0.32 | 0.71 | 0.45 | 0.60 |  |
| **Gu.ul** | 0.00 | 0.85 | 0.00 | 0.83 |  | 0.68 | 0.47 | 0.78 | 0.25 | 0.00 | 0.76 |  |
| **Ja.ca** | **1.00** | 0.21 | **1.00** | 0.61 | 0.68 |  | 0.07 | 0.13 | 0.19 | 0.80 | 0.24 |  |
| **Ma.ca** | **1.00** | 0.33 | **1.00** | 0.53 | 0.47 | 0.07 |  | 0.78 | 0.00 | 0.84 | 0.57 |  |
| **Oc.py** | **1.00** | 0.00 | **1.00** | 0.32 | 0.78 | 0.13 | 0.78 |  | 0.32 | **0.97** | 0.00 |  |
| **Pse.sep** | 0.00 | 0.64 | 0.27 | 0.71 | 0.25 | 0.19 | 0.00 | 0.32 |  | 0.00 | 0.35 |  |
| **Sa.sa** | **1.00** | **0.95** | **1.00** | 0.45 | 0.00 | 0.80 | 0.84 | **0.97** | 0.00 |  | 0.94 |  |
| **Ta.ro** | **1.00** | 0.00 | **1.00** | 0.60 | 0.76 | 0.24 | 0.57 | 0.00 | 0.35 | 0.94 |  |  |

Table S6. Univariate comparison of species using dissimilarity index (non-shared probabilities) for Branching intensity (BI). Bold numbers indicate significant differences between species using the dissimilarity index (> 95% of non-shared probability). Species abbreviation: Oc.py: *Ochroma pyramidale*, Ja.ca: *Jacaranda caucana*, Ce.pe: *Ceiba pentandra*. Sa.sa: *Sapindus saponaria*, Pse.sep: *Pseudobombax septenatum,* Ma.ca: *Machaerium capote*, Ca.co: *Casearia corymbosa*, Gu.ul: *Guazuma ulmifolia*, Ce.ig: *Celtis iguanaea*, Ch.ma: *Chloroleucon mangense*, Ta.ro: *Tabebuia rosea.*

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|  | **Ca.co** | **Ce.pe** | **Ce.ig** | **Ch.ma** | **Gu.ul** | **Ja.ca** | **Ma.ca** | **Oc.py** | **Pse.sep** | **Sa.sa** | **Ta.ro** |  |
| **Ca.co** |  | **1.00** | 0.00 | **1.00** | 0.33 | 0.00 | **1.00** | **1.00** | **1.00** | 0.95 | **1.00** |  |
| **Ce.pe** | **1.00** |  | 0.93 | 0.00 | 0.04 | 0.05 | 0.40 | 0.24 | 0.00 | 0.61 | 0.39 |  |
| **Ce.ig** | 0.00 | 0.93 |  | **0.99** | 0.56 | 0.00 | 0.81 | **0.97** | **0.96** | 0.67 | **1.00** |  |
| **Ch.ma** | **1.00** | 0.00 | **0.99** |  | 0.00 | 0.05 | 0.25 | 0.00 | 0.00 | 0.59 | 0.51 |  |
| **Gu.ul** | 0.33 | 0.04 | 0.56 | 0.00 |  | 0.02 | 0.00 | 0.24 | 0.00 | 0.30 | 0.42 |  |
| **Ja.ca** | 0.00 | 0.05 | 0.00 | 0.05 | 0.02 |  | 0.00 | 0.05 | 0.00 | 0.00 | 0.10 |  |
| **Ma.ca** | **1.00** | 0.40 | 0.81 | 0.25 | 0.00 | 0.00 |  | 0.47 | 0.00 | 0.33 | 0.83 |  |
| **Oc.py** | **1.00** | 0.24 | **0.97** | 0.00 | 0.24 | 0.05 | 0.47 |  | 0.00 | 0.67 | 0.12 |  |
| **Pse.sep** | **1.00** | 0.00 | **0.96** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  | 0.13 | 0.81 |  |
| **Sa.sa** | 0.95 | 0.61 | 0.67 | 0.59 | 0.30 | 0.00 | 0.33 | 0.67 | 0.13 |  | **0.97** |  |
| **Ta.ro** | **1.00** | 0.39 | **1.00** | 0.51 | 0.42 | 0.10 | 0.83 | 0.12 | 0.81 | **0.97** |  |  |

Table S7. Univariate comparison of species using dissimilarity index (non-shared probabilities) for Specific root length (SRL). Bold numbers indicate significant differences between species using the dissimilarity index (> 95% of non-shared probability). Species abbreviation: Oc.py: *Ochroma pyramidale*, Ja.ca: *Jacaranda caucana*, Ce.pe: *Ceiba pentandra*. Sa.sa: *Sapindus saponaria*, Pse.sep: *Pseudobombax septenatum,* Ma.ca: *Machaerium capote*, Ca.co: *Casearia corymbosa*, Gu.ul: *Guazuma ulmifolia*, Ce.ig: *Celtis iguanaea*, Ch.ma: *Chloroleucon mangense*, Ta.ro: *Tabebuia rosea.*

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|  | **Ca.co** | **Ce.pe** | **Ce.ig** | **Ch.ma** | **Gu.ul** | **Ja.ca** | **Ma.ca** | **Oc.py** | **Pse.sep** | **Sa.sa** | **Ta.ro** |  |
| **Ca.co** |  | **1.00** | 0.00 | **1.00** | 0.41 | **1.00** | **1.00** | **1.00** | 0.68 | 0.94 | 0.91 |  |
| **Ce.pe** | **1.00** |  | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| **Ce.ig** | 0.00 | 0.23 |  | 0.86 | 0.60 | 0.79 | 0.53 | 0.75 | 0.14 | 0.22 | 0.42 |  |
| **Ch.ma** | **1.00** | 0.00 | 0.86 |  | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.60 | 0.19 |  |
| **Gu.ul** | 0.41 | 0.00 | 0.60 | 0.00 |  | 0.00 | 0.00 | 0.00 | 0.42 | 0.50 | 0.34 |  |
| **Ja.ca** | **1.00** | 0.00 | 0.79 | 0.00 | 0.00 |  | 0.00 | 0.00 | 0.79 | 0.66 | 0.44 |  |
| **Ma.ca** | **1.00** | 0.00 | 0.53 | 0.00 | 0.00 | 0.00 |  | 0.08 | 0.41 | 0.23 | 0.00 |  |
| **Oc.py** | **1.00** | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.08 |  | 0.59 | 0.37 | 0.00 |  |
| **Pse.sep** | 0.68 | 0.00 | 0.14 | 0.73 | 0.42 | 0.79 | 0.41 | 0.59 |  | 0.14 | 0.48 |  |
| **Sa.sa** | 0.94 | 0.00 | 0.22 | 0.60 | 0.50 | 0.66 | 0.23 | 0.37 | 0.14 |  | 0.06 |  |
| **Ta.ro** | 0.91 | 0.00 | 0.42 | 0.19 | 0.34 | 0.44 | 0.00 | 0.00 | 0.48 | 0.06 |  |  |

Table S8. Univariate comparison of species using dissimilarity index (non-shared probabilities) for Root dry matter content (RDMC). Bold numbers indicate significant differences between species using the dissimilarity index (> 95% of non-shared probability). Species abbreviation: Oc.py: *Ochroma pyramidale*, Ja.ca: *Jacaranda caucana*, Ce.pe: *Ceiba pentandra*. Sa.sa: *Sapindus saponaria*, Pse.sep: *Pseudobombax septenatum,* Ma.ca: *Machaerium capote*, Ca.co: *Casearia corymbosa*, Gu.ul: *Guazuma ulmifolia*, Ce.ig: *Celtis iguanaea*, Ch.ma: *Chloroleucon mangense*, Ta.ro: *Tabebuia rosea.*

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|  | **Ca.co** | **Ce.pe** | **Ce.ig** | **Ch.ma** | **Gu.ul** | **Ja.ca** | **Ma.ca** | **Oc.py** | **Pse.sep** | **Sa.sa** | **Ta.ro** |  |
| **Ca.co** |  | 0.69 | 0.11 | 0.00 | 0.05 | 0.47 | 0.41 | 0.39 | 0.26 | 0.05 | 0.70 |  |
| **Ce.pe** | 0.69 |  | 0.50 | 0.48 | 0.43 | 0.81 | 0.69 | 0.56 | 0.69 | 0.65 | 0.37 |  |
| **Ce.ig** | 0.11 | 0.50 |  | 0.15 | 0.02 | 0.00 | 0.50 | 0.47 | 0.23 | 0.37 | 0.86 |  |
| **Ch.ma** | 0.00 | 0.48 | 0.15 |  | 0.06 | 0.65 | 0.56 | 0.62 | 0.00 | 0.00 | 0.42 |  |
| **Gu.ul** | 0.05 | 0.43 | 0.02 | 0.06 |  | 0.00 | 0.37 | 0.37 | 0.10 | 0.19 | 0.83 |  |
| **Ja.ca** | 0.47 | 0.81 | 0.00 | 0.65 | 0.00 |  | 0.59 | 0.44 | 0.56 | 0.51 | **0.96** |  |
| **Ma.ca** | 0.41 | 0.69 | 0.50 | 0.56 | 0.37 | 0.59 |  | 0.11 | 0.39 | 0.19 | 0.61 |  |
| **Oc.py** | 0.39 | 0.56 | 0.47 | 0.62 | 0.37 | 0.44 | 0.11 |  | 0.27 | 0.06 | 0.46 |  |
| **Pse.sep** | 0.26 | 0.69 | 0.23 | 0.00 | 0.10 | 0.56 | 0.39 | 0.27 |  | 0.00 | 0.82 |  |
| **Sa.sa** | 0.05 | 0.65 | 0.37 | 0.00 | 0.19 | 0.51 | 0.19 | 0.06 | 0.00 |  | 0.72 |  |
| **Ta.ro** | 0.70 | 0.37 | 0.86 | 0.42 | 0.83 | **0.96** | 0.61 | 0.46 | 0.82 | 0.72 |  |  |

Table S9. Univariate comparison of species using dissimilarity index (non-shared probabilities) for Root tissue density (RTD). Bold numbers indicate significant differences between species using the dissimilarity index (> 95% of non-shared probability). Species abbreviation: Oc.py: *Ochroma pyramidale*, Ja.ca: *Jacaranda caucana*, Ce.pe: *Ceiba pentandra*. Sa.sa: *Sapindus saponaria*, Pse.sep: *Pseudobombax septenatum,* Ma.ca: *Machaerium capote*, Ca.co: *Casearia corymbosa*, Gu.ul: *Guazuma ulmifolia*, Ce.ig: *Celtis iguanaea*, Ch.ma: *Chloroleucon mangense*, Ta.ro: *Tabebuia rosea.*

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|  | **Ca.co** | **Ce.pe** | **Ce.ig** | **Ch.ma** | **Gu.ul** | **Ja.ca** | **Ma.ca** | **Oc.py** | **Pse.sep** | **Sa.sa** | **Ta.ro** |  |
| **Ca.co** |  | **1.00** | 0.00 | **1.00** | 0.00 | 0.00 | 0.90 | 0.00 | 0.26 | 0.66 | **1.00** |  |
| **Ce.pe** | **1.00** |  | **1.00** | 0.53 | **1.00** | **1.00** | 0.68 | 0.00 | 0.40 | **1.00** | 0.00 |  |
| **Ce.ig** | 0.00 | **1.00** |  | 0.93 | 0.00 | 0.00 | 0.63 | 0.44 | 0.57 | 0.00 | **0.96** |  |
| **Ch.ma** | **1.00** | 0.53 | 0.93 |  | 0.90 | **0.95** | 0.13 | 0.00 | 0.00 | **1.00** | 0.00 |  |
| **Gu.ul** | 0.00 | **1.00** | 0.00 | 0.90 |  | 0.00 | 0.57 | 0.69 | 0.72 | 0.00 | 0.94 |  |
| **Ja.ca** | 0.00 | **1.00** | 0.00 | **0.95** | 0.00 |  | 0.74 | 0.02 | 0.36 | 0.00 | **0.96** |  |
| **Ma.ca** | 0.90 | 0.68 | 0.63 | 0.13 | 0.57 | 0.74 |  | 0.00 | 0.00 | 0.00 | 0.59 |  |
| **Oc.py** | 0.00 | 0.00 | 0.44 | 0.00 | 0.69 | 0.02 | 0.00 |  | 0.00 | 0.00 | 0.00 |  |
| **Pse.sep** | 0.26 | 0.40 | 0.57 | 0.00 | 0.72 | 0.36 | 0.00 | 0.00 |  | 0.00 | 0.50 |  |
| **Sa.sa** | 0.66 | **1.00** | 0.00 | **1.00** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  | **0.95** |  |
| **Ta.ro** | **1.00** | 0.00 | **0.96** | 0.00 | 0.94 | **0.96** | 0.59 | 0.00 | 0.50 | **0.95** |  |  |

Table S10. Univariate comparison of species using dissimilarity index (non-shared probabilities) for Mycorrhizal colonization (%M). Bold numbers indicate significant differences between species using the dissimilarity index (> 95% of non-shared probability). Species abbreviation: Oc.py: *Ochroma pyramidale*, Ja.ca: *Jacaranda caucana*, Ce.pe: *Ceiba pentandra*. Sa.sa: *Sapindus saponaria*, Pse.sep: *Pseudobombax septenatum,* Ma.ca: *Machaerium capote*, Ca.co: *Casearia corymbosa*, Gu.ul: *Guazuma ulmifolia*, Ce.ig: *Celtis iguanaea*, Ch.ma: *Chloroleucon mangense*, Ta.ro: *Tabebuia rosea.*

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|  | **Ca.co** | **Ce.pe** | **Ce.ig** | **Ch.ma** | **Gu.ul** | **Ja.ca** | **Ma.ca** | **Oc.py** | **Pse.sep** | **Sa.sa** | **Ta.ro** |  |
| **Ca.co** |  | 0.00 | 0.00 | 0.21 | 0.06 | 0.02 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| **Ce.pe** | 0.00 |  | 0.00 | 0.35 | 0.28 | 0.21 | 0.33 | 0.00 | 0.14 | 0.20 | 0.00 |  |
| **Ce.ig** | 0.00 | 0.00 |  | 0.07 | 0.00 | 0.00 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| **Ch.ma** | 0.21 | 0.35 | 0.07 |  | 0.15 | 0.52 | 0.00 | **1.00** | 0.31 | 0.44 | 0.38 |  |
| **Gu.ul** | 0.06 | 0.28 | 0.00 | 0.15 |  | 0.68 | 0.00 | **0.99** | 0.12 | 0.00 | 0.37 |  |
| **Ja.ca** | 0.02 | 0.21 | 0.00 | 0.52 | 0.68 |  | 0.93 | 0.88 | 0.91 | 0.63 | 0.90 |  |
| **Ma.ca** | 0.46 | 0.33 | 0.40 | 0.00 | 0.00 | 0.93 |  | 0.24 | 0.00 | 0.00 | 0.00 |  |
| **Oc.py** | 0.00 | 0.00 | 0.00 | **1.00** | **0.99** | 0.88 | 0.24 |  | 0.88 | **1.00** | 0.52 |  |
| **Pse.sep** | 0.00 | 0.14 | 0.00 | 0.31 | 0.12 | 0.91 | 0.00 | 0.88 |  | 0.00 | 0.19 |  |
| **Sa.sa** | 0.00 | 0.20 | 0.00 | 0.44 | 0.00 | 0.63 | 0.00 | **1.00** | 0.00 |  | 0.25 |  |
| **Ta.ro** | 0.00 | 0.00 | 0.00 | 0.38 | 0.37 | 0.90 | 0.00 | 0.52 | 0.19 | 0.25 |  |  |