

Table S1. The OTU richness, diversity indices, evenness and estimated OTU richness of urban trees across treatments at both sites. Diospyros = *D. blancoi*, Ficus = *F. microcarpa*, Swietenia = *S. macrophylla*, Melia = *M. azedarach*, Podocarpus = *P. nakaii*. 0-1_I ~ 0-3_I denotes the original soil; I and II denote after addition of biochar and of biochar/compost in combination, respectively.

| | OTU | Simpson_1-D | Shannon_H | Evenness | Chao1 |
|-----------------|------|-------------|-----------|----------|-------|
| Diospyros_0-1_I | 5918 | 0.995 | 6.367 | 0.098 | 9104 |
| Diospyros_0-2_I | 5167 | 0.994 | 6.367 | 0.113 | 9015 |
| Diospyros_0-3_I | 4625 | 0.995 | 6.348 | 0.124 | 8611 |
| Diospyros_1_I | 7845 | 0.994 | 6.400 | 0.077 | 12080 |
| Diospyros_1_II | 6604 | 0.994 | 6.444 | 0.095 | 11320 |
| Diospyros_2_I | 5969 | 0.993 | 6.298 | 0.091 | 10370 |
| Diospyros_2_II | 7678 | 0.995 | 6.557 | 0.092 | 12180 |
| Diospyros_3_I | 5370 | 0.995 | 6.551 | 0.130 | 8987 |
| Diospyros_3_II | 4913 | 0.995 | 6.492 | 0.134 | 8712 |
| Diospyros_4_I | 6972 | 0.995 | 6.465 | 0.092 | 11160 |
| Diospyros_4_II | 5614 | 0.995 | 6.619 | 0.133 | 10040 |
| Ficus_1_I | 4533 | 0.996 | 6.799 | 0.198 | 8495 |
| Ficus_1_II | 4959 | 0.997 | 6.855 | 0.191 | 8695 |
| Ficus_2_I | 6544 | 0.997 | 6.940 | 0.158 | 11200 |
| Ficus_2_II | 7202 | 0.996 | 6.808 | 0.126 | 12090 |
| Melia_I | 5248 | 0.996 | 6.706 | 0.156 | 9532 |
| Melia_II | 4385 | 0.996 | 6.723 | 0.190 | 8427 |
| Podocarpus_I | 5549 | 0.996 | 6.749 | 0.154 | 9585 |
| Podocarpus_II | 5156 | 0.995 | 6.659 | 0.151 | 8983 |
| Swietenia_I | 4337 | 0.996 | 6.749 | 0.197 | 8475 |
| Swietenia_II | 4171 | 0.996 | 6.842 | 0.225 | 8505 |

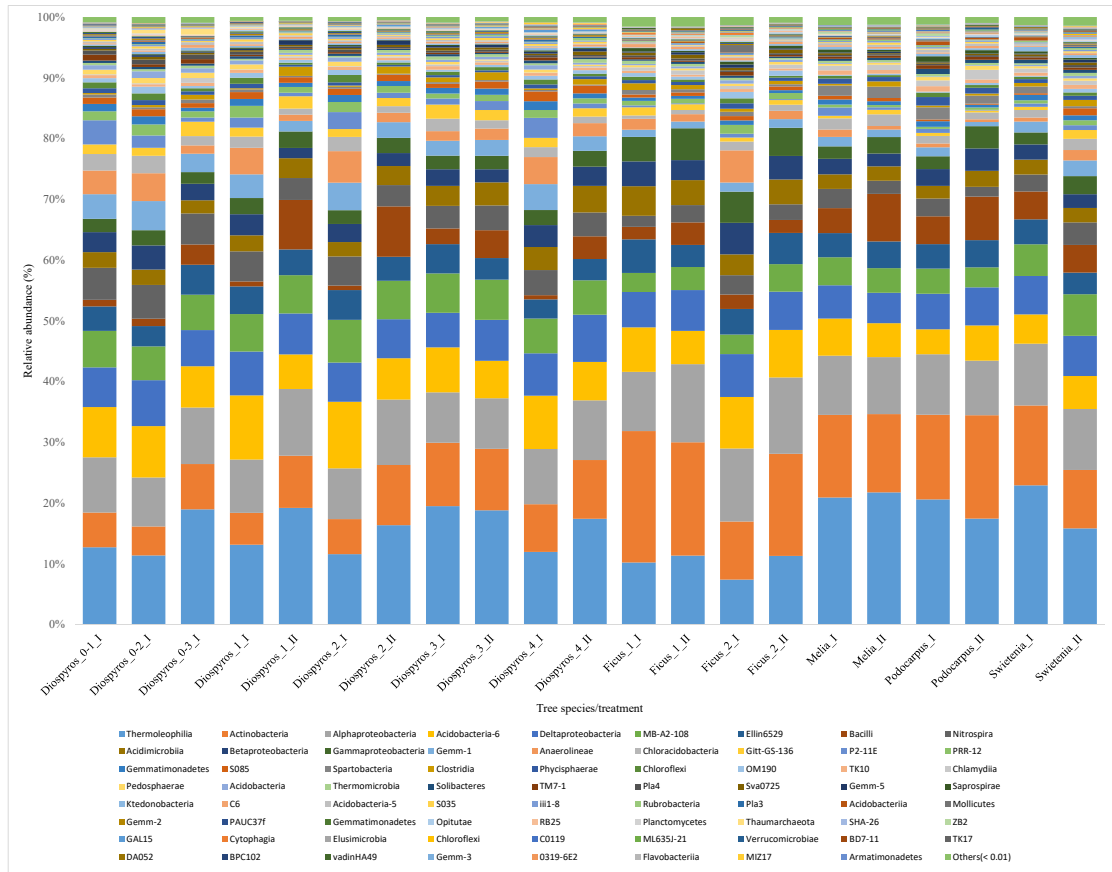


Figure S1. The dominant bacterial community composition (> 0.01) at class level across treatments of urban trees at both sites. Diospyros = *D. blancoi*, Ficus = *F. microcarpa*, Swietenia = *S. macrophylla*, Melia = *M. azedarach*, Podocarpus = *P. nakaii*. 0-1_I ~ 0-3_I denotes the original soil; I and II denote after addition of biochar and of biochar/compost in combination, respectively.