Table S1 Sampling site along the Beijiang River

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| --- | --- | --- | --- | --- |
| Sampling ID | Location | Altitude (m) | Distance to river (m) | Vegetation type |
| Longitude (E) | Latitude (N) |
| S1 | 112.8774  | 23.4598  | 70 | 151  | Mixed forest |
| S2 | 112.9047  | 23.4827  | 73 | 68  | Grassland |
| S3 | 112.9608  | 23.5559  | 67 | 375  | Grassland |
| S4 | 112.9609  | 23.5932  | 63 | 411  | Eucalyptus forest |
| S5 | 113.1083  | 23.6934  | 72 | 210  | Eucalyptus forest |
| S6 | 113.0930  | 23.7000  | 92 | 444  | Bamboo forest |
| S7 | 113.2259  | 23.7755  | 74 | 45  | Grassland |
| S8 | 113.2256  | 23.7754  | 74 | 29  | Grassland |
| S9 | 113.2637  | 23.9238  | 107 | 96  | Eucalyptus forest |
| S10 | 113.2604  | 23.9225  | 91 | 20  | Bamboo forest |
| S11 | 113.2976  | 24.0329  | 84 | 373  | Bamboo forest |
| S12 | 113.3080  | 24.0472  | 87 | 163  | Bamboo forest |
| S13 | 113.3643  | 24.0735  | 106 | 160  | Eucalyptus forest |
| S14 | 113.4323  | 24.2002  | 88 | 97  | Mixed forest |
| S15 | 113.4259  | 24.2046  | 89 | 671  | Grassland |
| S16 | 113.5082  | 24.4168  | 108 | 336  | Mixed forest |
| S17 | 113.5149  | 24.4203  | 105 | 57  | Mixed forest |
| S18 | 113.5697  | 24.5815  | 104 | 331  | Bamboo forest |
| S19 | 113.5571  | 24.5835  | 116 | 288  | Eucalyptus forest |
| S20 | 113.7544  | 25.9254  | 134 | 704  | Mixed forest |
| S21 | 113.7596  | 24.9259  | 128 | 220  | Mixed forest |
| S22 | 113.8249  | 24.9819  | 138 | 70  | Bamboo forest |
| S23 | 113.8243  | 24.9820  | 158 | 60  | Grassland |
| S24 | 113.5225  | 24.8241  | 145 | 1434  | Mixed forest |
| S25 | 113.5225  | 24.8947  | 115 | 437  | Mixed forest |
| S26 | 113.4205  | 24.9514  | 138 | 24  | Bamboo forest |