

### 附录 1 实验期间 3 个同质园的气候条件

#### Appendix 1 Climatic conditions of the three common gardens during the experiment

|   | 地点 Site     | 5月 May | 6月 June | 7月 July | 8月 August | 9月 September | 10月 October | 11月 November | 12月 December | 均值 Average |
|---|-------------|--------|---------|---------|-----------|--------------|-------------|--------------|--------------|------------|
| 月平均气温<br>Monthly mean temperature (°C)            | 上海 Shanghai | 21.5   | 24.2    | 27.9    | 28.8      | 24.9         | 20.4        | 15.4         | 9.7          | 21.6       |
|   | 南昌 Nanchang | 23.1   | 26.7    | 28.8    | 31.6      | 27.4         | 21.6        | 15.6         | 9.7          | 23.1       |
|   | 三亚 Sanya    | 28.5   | 29.0    | 28.5    | 28.1      | 27.4         | 26.4        | 24.3         | 22.1         | 26.8       |
| 月极端最高温<br>Month extreme maximum temperature (°C)  | 上海 Shanghai | 34.3   | 33.6    | 37.9    | 37.1      | 33.6         | 30.1        | 24.2         | 19.9         | 31.3       |
|   | 南昌 Nanchang | 31.2   | 36.2    | 37.3    | 37.5      | 37.1         | 36.1        | 28.6         | 24.2         | 33.5       |
|   | 三亚 Sanya    | 35.4   | 35.6    | 34.3    | 34.1      | 33.5         | 31.2        | 29.3         | 24.6         | 32.3       |
| 月极端最低温<br>Monthly extreme lowest temperature (°C) | 上海 Shanghai | 12.9   | 17      | 21.2    | 20.2      | 18.7         | 14          | 6.1          | 1.1          | 13.9       |
|   | 南昌 Nanchang | 15.1   | 19.8    | 21.3    | 24.4      | 19.5         | 12.1        | 5.2          | 3.3          | 15.1       |
|   | 三亚 Sanya    | 26.5   | 27.3    | 26.4    | 26.2      | 25.3         | 22.2        | 21.4         | 17.8         | 24.1       |
| 月降水量<br>Monthly precipitation (mm)                | 上海 Shanghai | 49.3   | 353.3   | 170     | 369.5     | 279.8        | 123.9       | 20.6         | 91           | 182.2      |
|   | 南昌 Nanchang | 95.3   | 329.9   | 257.8   | 45        | 18.6         | 5.7         | 16.2         | 63           | 103.9      |
|   | 三亚 Sanya    | 385    | 198.6   | 172.8   | 523       | 263.8        | 144.8       | 12.3         | 10.1         | 213.8      |
| 日照时数<br>Insolation duration (h)                   | 上海 Shanghai | 163.2  | 101.7   | 127.4   | 141.1     | 133.6        | 112         | 113.5        | 84           | 122.1      |
|   | 南昌 Nanchang | 104.5  | 120.8   | 158.9   | 254.1     | 267.1        | 159.1       | 163.6        | 134.5        | 170.3      |
|   | 三亚 Sanya    | 163.3  | 209.7   | 221.7   | 170.8     | 183.8        | 175.6       | 154          | 125          | 175.5      |
| 相对湿度<br>Relative humidity (%)                     | 上海 Shanghai | 60.1   | 77.1    | 79.4    | 77.4      | 76.5         | 71.2        | 67.9         | 71.4         | 72.6       |
|   | 南昌 Nanchang | 71     | 79.2    | 79      | 63.3      | 57.4         | 65.6        | 61.4         | 70           | 68.4       |
|   | 三亚 Sanya    | 82.8   | 76.6    | 77.2    | 82.7      | 80.3         | 76.5        | 76.4         | 76.2         | 78.6       |