Kennington Park i-Tree

In 2017, Trees for Cities engaged 35 volunteers to collect information about all the trees within Kennington Park. Using this information and the i-Tree Eco programme, we hope to develop an understanding of the value of the ecosystem services the park's trees provide. These services include air pollution removal, storm water reduction, carbon sequestration and carbon storage.

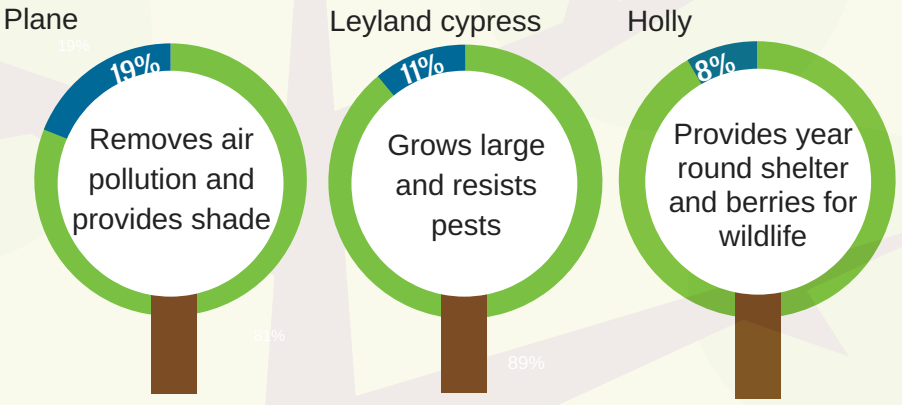
Kennington Park's trees are valued at £12.3 million*

Number of Trees
480

42.7%
Tree cover

75
Tree Species

34
Trees per hectare



Kennington Park has a low species diversity with 37% of the total population featuring only 3 species and 62% of the population featuring just 10 species. Greater species diversity is needed to increase the populations resilience to threats of pests and disease.

Annual ecosystem services worth £13,300*

545 tonnes of carbon stored over the life of Kennington Park's trees - worth £32,700

8 tonnes of carbon removed from the atmosphere every year

307 kilograms of air pollution removed per year. Saving the NHS £12,100 from pollution induced respiratory diseases

528,200 litres of runoff avoided each year, reducing the risk of local flash flooding. This is equivalent to **1.5 Olympic** size swimming pools.

When asked what the best thing about their day with Trees for Cities was, volunteers said:

> "Meeting other tree nerds, learning a new survey method and exploring a new wooded place!"

> "Amazing, well organised and learned lots of new skills, helping out the local community, would 100% recommend"

> "Working with a dynamic team of people all dedicated to the survey of trees and their protection. Well worth while"

Kennington Park is famous for it's abundance of mature plane trees (above). They make up 19% of the population, 58% of the canopy cover and store 392 tonnes of carbon. The most valuable tree in the park is an Oriental Plane worth £326,794. Managing these trees as an asset is essential to maintaining the Park's character.

What next?

Tree Planting

These findings will help inform a programme of legacy tree planting; 15 new trees will be planted in the park with the local community on **11th November 2017**. Sign up to Trees for Cities' E-News for information on how to get involved: http://treesforcities.org

Tree Management

UK trees are under increasing threat from the introduction and spread of harmful organisms. Understanding the species and structural diversity allows us to make better informed management and maintenance decisions, increasing the populations resilience for the future benefit of the local community and natural environment.

Trees for Cities

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THE FRIENDS OF KENNINGTON PARK

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i-Tree

* Calculated using the Capital Asset Value for Amenity of Trees (CAVAT) methodology: www.cavattv.org
* Calculated using the i-Tree Eco v6 model: www.itreetools.org