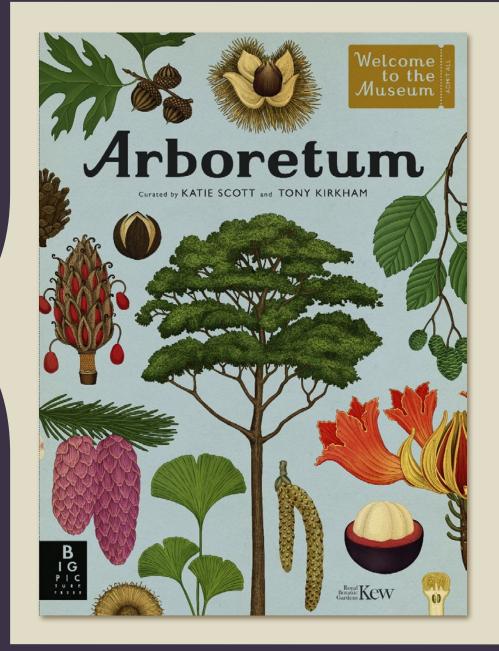
Arboretum



This next instalment in the bestselling Welcome to the Museum collection in collaboration with the Royal Botanic Gardens Kew, is about the incredible life of trees.

 Sample contents: Biomes of the World, How Trees Communicate, Temperate Conifer Forests, Boreal Forest, Redwoods, Cypresses, Douglas Fir, Temperate Broadleaf Forest, Autumn Colour, Shagbark Hickory, Mediterranean Forest, Australian Mallee, Cork Oak, Tropical Moist Forests, Americas Moist Rainforest, Tropical Dry Forest, Baobab, Tropical Nuts and Spices, Gardens, Flower Types, Pollination Types, Handkerchief Tree, Ornamental Trees

Arboretum



TEMPERATE CONIFER

Boreal Broadleaves

Although boreal forests, or 'taiga', are dominated by conifers, there is also a very small but hardy selection of broadleaved trees present, including poplars (Populus spp.), willows (Salix spp.) and birches (Betula spp.).

While generally short-level species, rarely reaching 100 years, these trees have many characteristics that holp them survive in the taga. They can all grow, flower and first during the short surviver and them shed ther leaves at just the right moment to prepare for the long winter. Their compact leaves have a small surface area, which means they can be produced quoticy – leakly sited for a forset with a short growing season — and they are also able to withstand strong wind. Position is important too. The broadleaved trees grow near water, making the most not origit of the available moisture them, but also the light levels around lakes and rivers where there is no competition from the dense-leaved confiles. In the northern fund, these trees are short and stunted but further south, towards the temperate broadleaved forest, they have straighter truins and grow tables.

Boreal broadleses are pioneer species which means they are the first to appear in dirupted environments, turk as a fine-maged fromt. While a forest fire might kill of confirst, broadleses can resproid from their trunkio or regrow new trees from their underground modes, which are not damaged by fire. Their fightweight cases are saily spread, either by a brease or by birds and other animals, which means the broadleness on entablish thremskes in an area before the confirms have ean begun to recolonies.

	Key to plate	
7: Speckled akter Ahus nonre subsp. rugsve Hagin: 22m a) branch b) floarer Bohrmik and famile floarers are caled catinin tour they look very different. They bloare in early spring before the teams arms.	3: American mountain ash Solius smencano Hager (2m) Canet This tree is a food source for lots of forest creatures Picose and when tailed deer (Odcorlaus reprinting) and on the leases, trage	3: White Next Basilo popyties Height 20m a) municipantikit main flower c) leaf The paper first bark has a high of context and is antermally underpool in fact nexture Americans and early for trappers used the bank as page
2: Large-southed aspen Papilia grandentole Height 25m Leaf The leaf tables (jestoles) of the aspen are flattened from side along the entries leaf-which makes them	and branches. d: Balsam poplar Pipulas bolsam@ro Height 30m Piower The stoky pointed leaf buds of this social are covered with a resinue, sop	to write messages on and to make lightweight cances 6: Maccewood Acer pengkancum Hagins (Ibm a) ker) to mag and budis () thurkibark The mocosuruod is to estimate backa
transis when the wind catches them. This gives them the common name of qualing or transfing approx. Popular translotes (see page 12) has a similar transistic gale dect, giving rise to this species' scientific name.	that has a strong turpertine arona. It is the source of Salm of Glead, an orithment tractionally used to treat ubest relactors.	In both a consumed by microse in winter The time is also known as 'goosefact maple', because its leaves are shaped like the foot of a goose, and 'migred maple', due to its distinctive stripy bank.

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