







## Our digital platform:

- New education tools in a changing world
- Inexpensive and low tech
- Connecting education with science

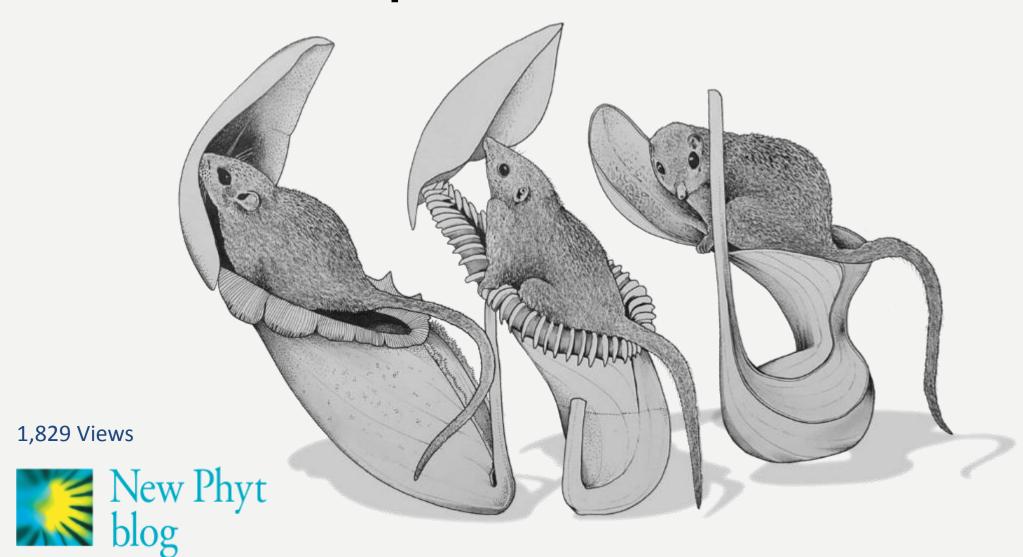
### Plant Blindness







## 'Tricks, traps and tree shrew toilets'

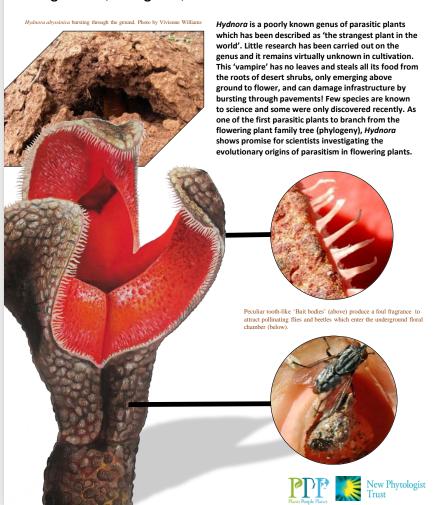


### THE STRANGEST PLANT IN THE WORLD?



Genus: Hydnora

Range: Africa, Madagascar, southern Arabia













# 'WOW plants'











10K engagements

14K engagements

500K engagements

### Relevance



Conservation Conundrum



Araucaria araucana is Endangered, like the chimpanzee.

This species is an evergreen conifer from the temperate rainforests of south-central Chile and adjacent forests of Argentina. In Chile, its distribution is divided between the Andes and the coast, owing to the tree's tolerance to salt. It is of great historical and social importance in its native range: 'piñones' (seeds) are edible and form an important food source for the indigenous Pehuenche people of Chile.

### DID YOU KNOW?

The monkey puzzle was given its name by an observer who thought that monkeys would not be able to climb the spiky branches.



Canary Island

Juniper

Burning Bright

DID YOU KNOW?

for juniper.

Tuniperus cedrus is Critically Endangered, like the Malayan

tiger. Native to the Canary Islands and Madeira, it is

now restricted to inaccessible places. Grazed by goats and

threatened by fire, there are probably not more than 600

mature trees remaining in the wild. The valuable, aromatic

timber was used by local people for furniture, construction

and for making boxes because the wood deters insect pests.

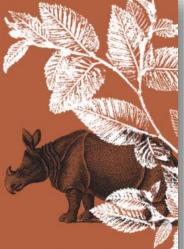
Canary Islands juniper is difficult to grow in the UK but

The word 'gin' is a corruption of 'genever', the Dutch word

trees like this are vital to secure the future of this species.

Chichibu Birch

Conservation Breakthrough



Betula chichibuensis is Critically Endangered, like the black rhino. It only grows in the Chichibu region of the island of Honshu in Japan. Recent fieldwork carried out by the University of Tokyo Chichibu Forest, Oxford Botanic Garden and Harcourt Arboretum has identified important new populations. The species is exceptionally rare in cultivation and the specimens grown at Harcourt Arboretum are vital to the tree's continued existence.

### DID YOU KNOW?

Small population size and limited distribution make the Chichibu birch particularly vulnerable to natural disaster and disease.

Dawn Redwood §

In the Red



Metasequoia glyptostroboides panda. The species only g border of two Chinese province trees are survivors of extensive would have stretched unbroken farmers arrived. The few remain surrounded by agricultural lan redwoods were introduced to th

### DID YOU KNOW?

The foliage is similar to that (Sequoia sempervirens), however dawn redwood is deciduous.

### Relevance





### Relevance

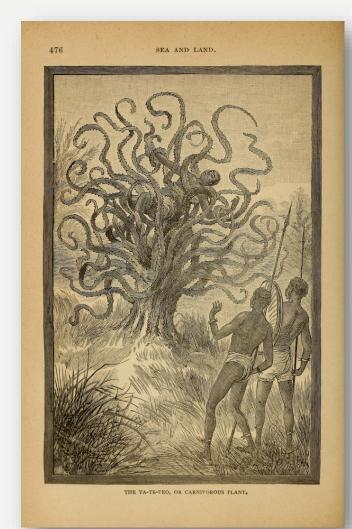


### Collaboration

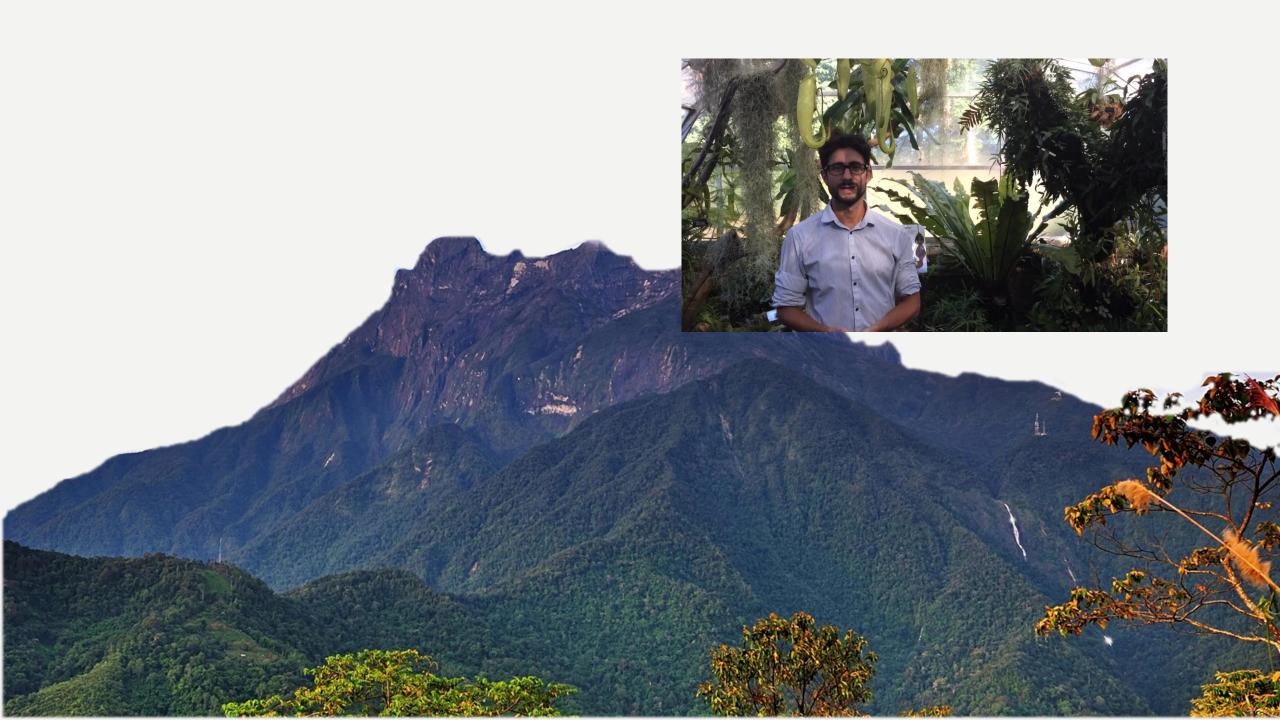




Kira Allmann

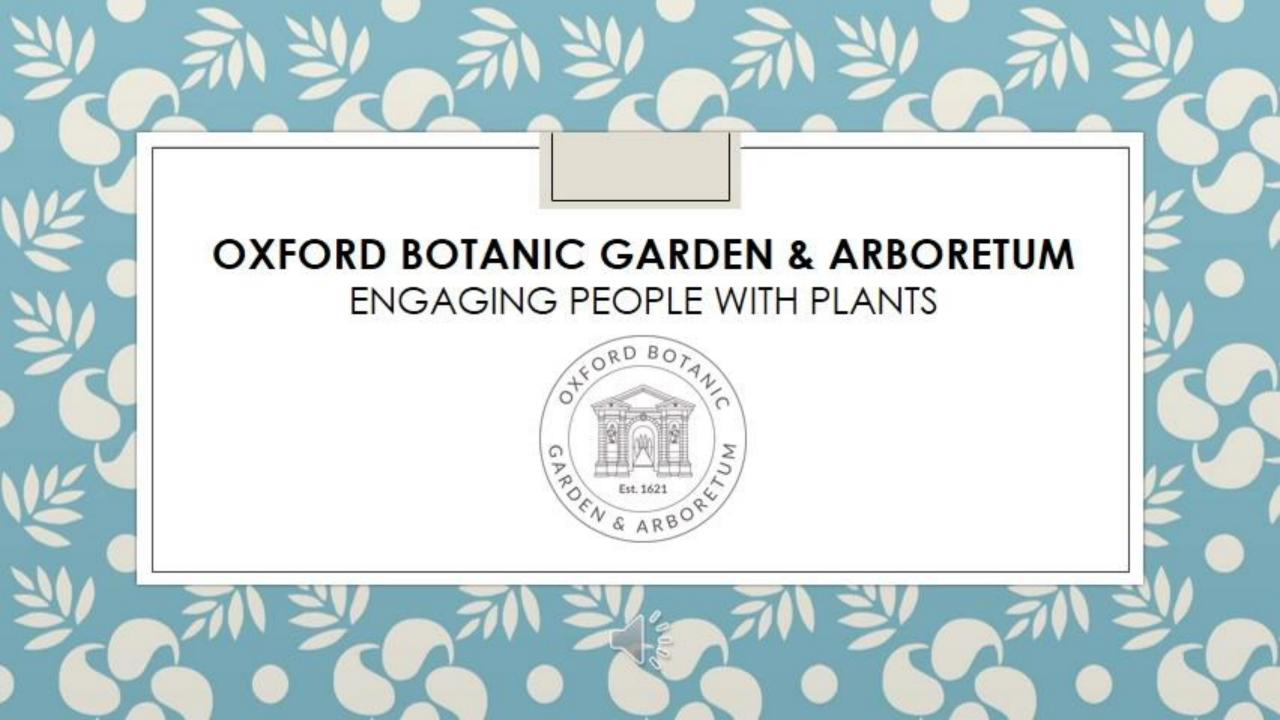






## Key Takeaways

- Challenging perceptions
- Building relevance
- Interdisciplinary
- Multi-media
- Trial-and-error process
- Feedback into research agenda





# Thank you