



Useful websites



<https://www.rzss.org.uk/> this is where you can get access to both Edinburgh Zoo and the Highland Wildlife Park websites



<https://learning.rzss.org.uk/>



**Saving
Wildcats**
#SWAforLIFE

<https://savingwildcats.org.uk/>



Polar Bear Foot

How big is a polar bear's paw compared to your hand?



For actual size,
photocopy and
enlarge by 141%

Polar bear hair

Did you know that their fur isn't actually white? Polar bear hair is a hollow tube that provides excellent insulation.

Each hair is a transparent and hollow tube that scatters and reflects light.

Polar bears can build up oils in their fur from eating seals which can make their fur look yellow.



Teachers' Resource

Create your own polar bear hair

- Get a laminate sheet and put it through the laminating machine.
- Once it has cooled down, roll the laminated sheet into a tube approximately 1-1.5cm diameter. Secure the loose edges with a strip of Sellotape.
- When you move the tube, you can see how the light reflects off the tube and looks white just like polar bear hair.



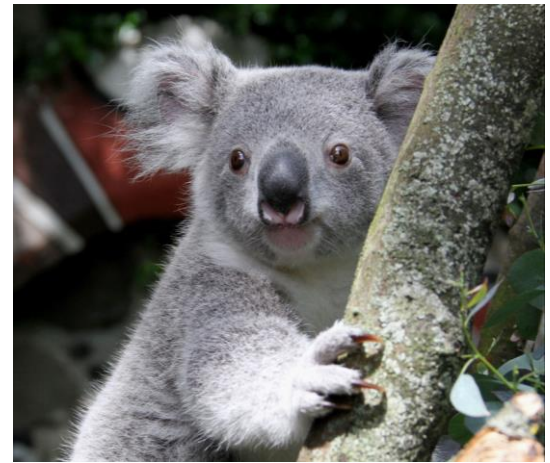


What do koalas eat?

Koalas are herbivorous. Most of their diet comes from a few eucalyptus species.

Eucalyptus viminalis and *E. ovata* are preferred in the south, while *E. punctata*, *E. camaldulensis* and *E. tereticornis* are preferred in the north of Australia.

The eucalyptus leaves are highly toxic; the koala's have bacteria in their stomachs that absorb the toxins of the leaves. Koalas have a highly specialized diet in which they eat only 20 of the 350 species of eucalyptus and prefer only 5 species.



Teachers' Resource

What does a eucalyptus smell like?

It is possible to buy eucalyptus oil or olbus oil, so that you can smell what a koala's food smells like.



Eucalyptus punctata
- adult leaves