



North West Kent  
**COUNTRYSIDE**  
protect / explore / enjoy

### Non-native species Quiz

1. Which of these species has never been recorded in the UK?

- The world's largest rodent (Coypu – East Anglia)
- The animal that produces cube-shaped poo (Wombat)
- The 'macropod' with the largest ears and red fur around the shoulders. (Red-Necked Wallaby- Peak District)
- The South-American mammal with a ringed tail, known in Welsh as "Cwatimwndi" (Ring-Tailed Coati or Coatimundi-Cumbria)

**Wombat**

2. Name this invasive non-native species:



**Himalayan Balsam**

3. Which species was first introduced to Walland Marsh in Kent in 1935, from Hungary?

Marsh Frog

4. Which invasive non-native species is this piece of equipment used to control?



Signal Crayfish

5. Which European country is *Rhododendron ponticum* believed to have been introduced from?

Spain

6. Which invasive non-native species are these signs of?



## American Mink

7. Is this a native or introduced species?



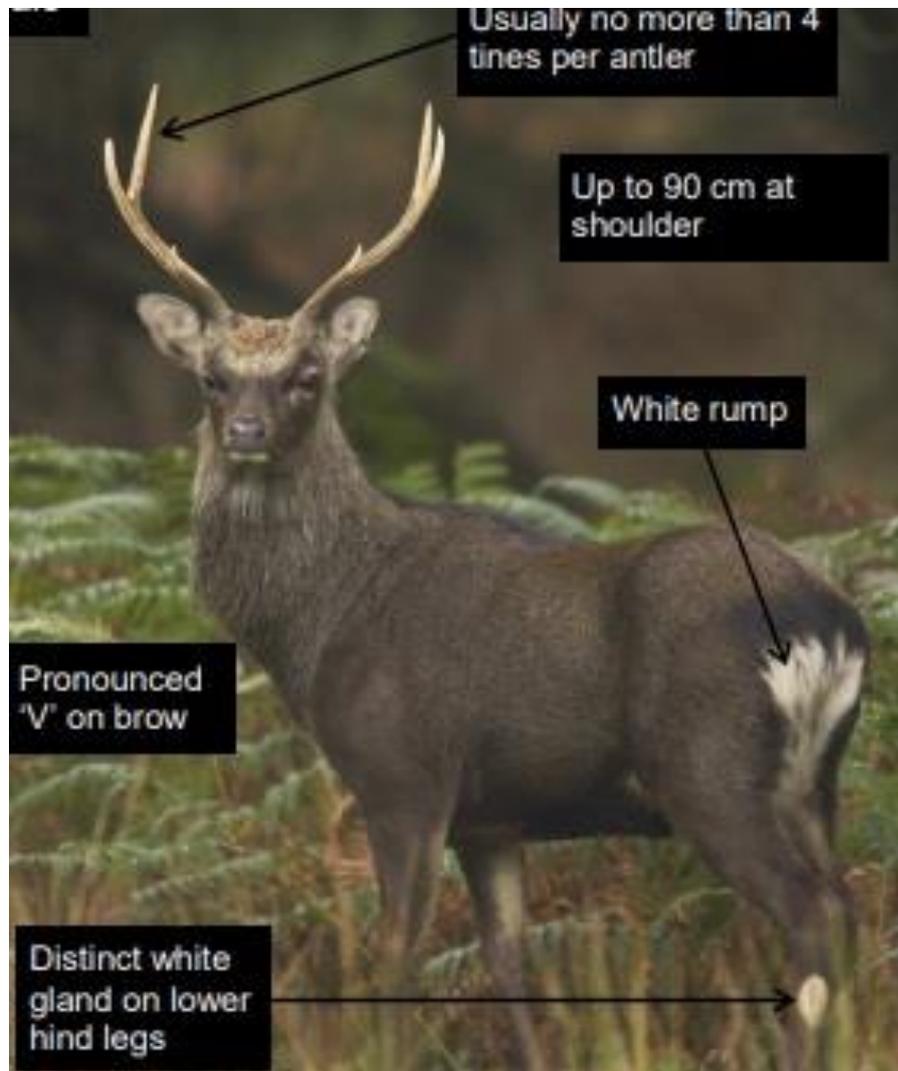
Introduced (Chinese Water Deer)

8. Which non-native species is described below?

*“first introduced to England in 1791, though the earliest record of successful breeding in the wild was not until 1902. The species, though rare, has a wide geographical spread throughout the British Isles. Up until 2005, fewer than 20 pairs were reported to be breeding across the UK ... has the potential to be an agricultural pest, grazing and fouling grass and eating arable crops ... also known to be aggressive and can out-compete native species”*

Black Swan

9. When was this species first introduced to Britain?

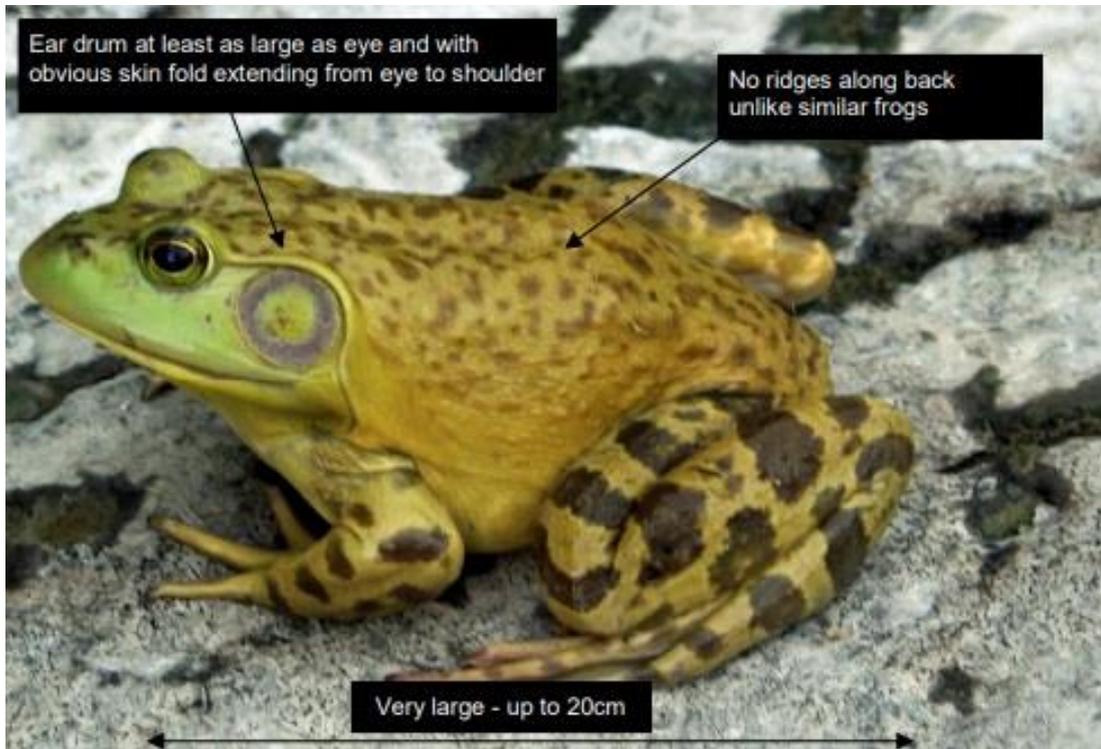


1860

10. Which is the most recently arrived invasive non-native species in the UK (2016)?

Asian Hornet

11. Name this non-native amphibian:

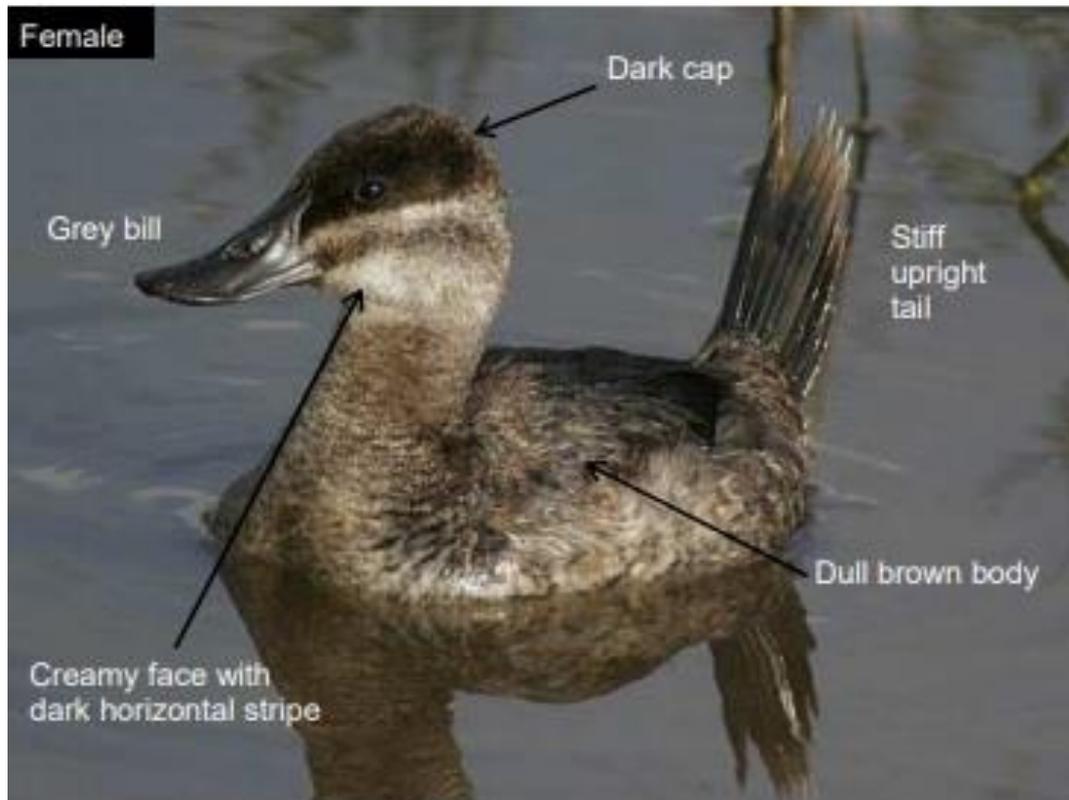


American Bullfrog

12. Which non-native species was introduced to Britain in the 12th century, eats and therefore damages a wide variety of crops, costing the UK £263 million per year?

European Rabbit

13. Can you identify this North American Duck? The male is much more striking in his appearance. Both sexes are the subject of an eradication programme in the UK as this species is a serious threat to populations of white-headed duck through hybridisation.



Ruddy Duck

14. Which of the following was NOT introduced by the Romans as a food source?  
Edible Dormouse      Wild Boar      European Rabbit      Pheasant

Wild Boar (native species)

15. Can you name the invasive species in this photo? It forms dense stands and may negatively impact on some native plants, outcompeting them by shadowing.



American Skunk Cabbage

## Invasive Species Word Search

J	L	B	C	V	K	Z	G	S	A	C	G	L	N	T	X	Y	D	F	S
G	A	E	Q	Z	A	Q	X	F	Q	S	E	C	O	Q	W	K	W	P	A
K	O	P	R	G	W	O	N	R	G	S	I	P	R	R	Q	A	E	G	C
C	G	R	U	R	R	J	J	H	S	E	M	A	D	D	J	L	G	Q	R
Z	M	Z	F	C	I	W	E	U	Y	O	I	R	N	Y	B	F	T	E	E
F	P	P	E	L	W	U	M	A	U	J	U	T	E	H	P	P	O	V	D
R	J	M	R	P	L	A	Q	T	R	D	Q	B	D	X	O	R	D	D	I
G	E	H	E	V	G	U	H	S	D	L	R	V	O	W	R	R	G	K	B
K	L	Y	P	G	N	G	B	Y	Y	M	E	H	D	M	O	Y	N	U	I
N	B	B	A	E	U	M	D	B	L	E	X	A	O	P	X	T	V	E	S
E	F	U	Z	D	J	U	M	A	P	M	R	O	H	R	K	C	R	V	T
P	Q	L	G	I	C	W	M	A	J	X	H	G	R	C	N	Y	E	W	M
Q	T	E	S	K	U	N	K	C	A	B	B	A	G	E	I	O	M	S	N
F	O	W	V	N	D	E	F	W	T	O	N	K	I	L	M	S	K	N	O
N	G	E	I	D	X	G	Z	Q	H	T	T	P	X	Z	J	D	F	D	R
B	D	L	Q	U	H	S	I	F	Y	A	R	C	L	A	N	G	I	S	M
I	N	T	U	Z	J	G	K	A	R	D	W	T	I	Y	M	E	V	L	A
O	V	E	Z	J	Q	J	U	B	J	A	M	L	C	I	J	I	D	L	H
Z	C	E	W	L	L	E	A	Q	Y	L	Y	Y	D	W	A	X	W	D	H
I	I	V	X	K	J	Z	B	M	T	L	B	N	Z	B	N	I	F	Q	D

How many of the invasive species below can you find?

ASIAN HORNET

BULLFROG

GREY SQUIRREL

KNOTWEED

MINK

QUAGGA MUSSEL

RHODODENDRON

RUDDY DUCK

SACRED IBIS

SIGNAL CRAYFISH

SKUNK CABBAGE

TOPMOUTH GUDGEON

In 2014, a couple in their 60's were rescued from one of the above species in Ireland. Which one?

Jimmy Barry from the South Eastern Mountain Rescue Association said "It was horrendous - I have been a member of mountain rescue for 15 years and it was probably one of the most dangerous exercises or rescues I've been on".

**Rhododendron**

### Match the Meanings

Match these definitions with local or little-known words to describe nature, landscape and the weather.

<b>Crottle</b>	A foresters' term for "hare excrement".
<b>Shadowtackle</b>	The fast-changing shafts of light and shade that fall on a forest floor on a bright, windy day.
<b>Bang-a-Bonk</b>	Verb meaning "to sit lazily on a riverbank." (Gloucestershire)
<b>Smeuse</b>	A hole in a hedge created by small animals frequently scampering through it.
<b>Gussock</b>	An East Anglian word for a sudden, powerful rush of wind.
<b>Zwer</b>	The onomatopoeic term for the sound made by a covey of partridges taking flight.
<b>Aquabob</b>	Old Kentish word for an icicle.
<b>Pismire</b>	An ant
<b>Hell-kettle</b>	A deep, dark abyss. The phrase comes from Northern England, where certain local pools and holes were rumoured to be infinitely deep.
<b>Roarie-bummler</b>	This Scottish term describes storm clouds speeding across the sky.

## Best Guess Challenge

1. How many separate individual species on Earth? 8.7million
2. How many breeding pairs of breeding birds in Britain? 84million
3. In which year was the world's first nature reserve established? 1821, by the naturalist and explorer Charles Waterton around his estate in Walton Hall, West Yorkshire.
4. In which year was the first nature protection law in the world passed? 1869, The Sea Birds Preservation Act
5. How many people paid to enter a National Trust site in 2017? 24.5million
6. What percentage of life on earth (by biomass) is human? 0.01%
7. How many species of tree are there on earth? 60,065
8. What is the average lifespan of a Starling? 2.5years
9. How long did the oldest recorded Starling live? 22years
10. How much water is in Loch Ness? (in cubic feet) 263 billion cubic feet