



## All in the Family - Osprey Family Trees

### What is a family tree?

A family tree shows parents and their offspring. Males are shown as this symbol ♂ and females as this symbol ♀. To show parents a = symbol is used. Their offspring are shown below the = symbol.

Rutland water ospreys are usually named after their leg rings. Maya does not have a leg ring so has been given a name instead. The number in brackets shows the year they were “born” using the last two numbers of the year. e.g. (01) would mean “2001”

Here is a family tree showing parents and their offspring



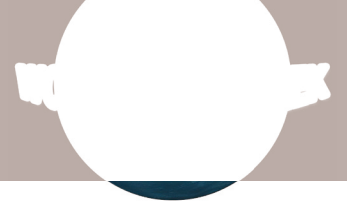
### Can you work out...

1. Name the male parent and the female parent in this family tree.
2. When, was the male parent “born”.
3. How many osprey chicks did they have?
4. In what year were the chicks “born”?
5. How many males and how many female chicks were “born”.

### The bigger picture...

A much bigger family tree is shown for 03(97), who is one of Rutland water’s most famous ospreys. See if you can answer the following using the information shown in the family tree.

6. Name the male and female parents at the top of the family tree.
7. Name the chicks they produced in
  - (a) 2004
  - (b) 2006
8. In the second generation of the family tree
  - (a) How many male chicks and how many females were “born”?
  - (b) In what year were they “born”?



## All in the Family - Osprey Family Trees cont.

9. How many generations are shown in this family tree?
10. Name the second generation Rutland bred ospreys which have moved to Wales.
11. 03(97) is called “Mr Rutland”. How many ospreys are his descendants in this family tree?

### Osprey behaviour

There is a theory that male ospreys return to find a mate and breed in the place they were “born”, but females move to another place to find a mate and breed.

12. (a) Explain which evidence from the family tree supports this theory.  
(b) To prove this theory, what other information would you need about the ospreys shown in this family tree.



03(97) also known as “Mr Rutland”