

All living things leave small traces of their DNA (the set of instructions in every cell of all living things) wherever they are or have been.

YOUR CHALLENGE: Can you find the DNA strings in the word search below (yep, this is going to be a tricky one!). We've given you DNA strings for four of the animals you'd find on campus, and their DNA string can be found in the word search twice. Except for one - your **extra** challenge is to work out which animal is only in there once! DNA strings go up or down, left or right.

G	A	C	G	A	A	C	G	T	G	A	C
C	C	G	T	T	T	A	A	A	T	C	C
T	C	G	G	T	T	T	A	C	G	C	G
G	C	C	C	A	C	G	A	C	C	C	T
T	G	A	A	T	C	A	A	T	G	A	T
T	G	A	A	C	G	G	G	G	G	C	C
C	C	A	A	C	G	C	C	T	G	G	C
A	G	G	A	A	A	A	G	C	G	A	C
A	G	G	A	C	G	T	A	C	T	C	A
T	T	T	G	G	G	G	C	G	T	C	A
G	G	T	T	G	G	T	T	T	T	C	T

Rat
CCCAGCACCC

Fish
CAGCGAAAAG

Frog
TAACTTGTCG

Duck
TTTGGGGCGT

Molly works in the School of Life Sciences and her research helps people who protect the environment to map where important species are, or where they have been. These might be species that are endangered but also those that are invasive, the ones that might cause problems for other species or the environment.

By understanding this better Molly is able to help people take steps, or put things in place, to protect our native endangered species.