



SOIL

Our Soil is a mixture of minerals and organic material that covers much of the earth's surface. Soil gives us life, grows our food, and provides a home

for billions of organisms. Soil is home to a quarter of the earth's species. In Ireland there are 10 main soil groups, and peat is one of them. Peat is the soil found in bogs. Irish Bogs are really special not only for the amazing creatures and plants that live there, but also as one of our greatest resources to combat climate change. Peatlands are the largest natural land carbon store. They store more carbon than all other vegetation types in the world combined.

WORD SEARCH

ECOSYSTEMS	FEN	FROGS	SNIPES
CURLEW	PEATLAND	BOGS	BOG COTTON
SUNDEW	BUTTERWORT	TURF	

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



EXPLORING OUR ENVIRONMENT

CALL TO ACTION

Become a citizen scientist and take part in the Hop To It Survey.

Citizen science is the collection of data from the natural world by members of the public. The **Hop To It National Frog Survey Ireland**, Ireland's longest running frog survey, is run by the Irish Peatland Conservation Council. The data collected helps us learn more about the status of frogs in Ireland and shows us how to take steps necessary to ensure their survival.

You can download the Hop To It Survey form and get loads more information on <http://www.ipcc.ie/help-ipcc/hop-to-it-national-frog-survey-irelandcard/> We would love to hear about the frogs you spotted! you can email us on junior@rte.ie or if you want to post on social media just tag us on [@rtejr](https://www.instagram.com/rtejr)



Professor Theodore Bumbledumm and a team of Junior Scientists have been busy exploring our environment in a 6 part radio series called the *Science of Sense Goes Exploring Our Environment* on RTE Junior Radio. This week presenters **Robyn McGarry** and **Rebekah Dunne** investigate our soil with **Nuala Madigan** Chief Executive Officer of the Irish Peatland Conservation Council.

