

BIG SEAWEED SEARCH

June 2022 - May 2023

NATURAL HISTORY MUSEUM

MARINE CONSERVATION SOCIETY

THANK YOU!

A **HUGE** thank you for taking part in another year of the Big Seaweed Search.

Your surveys are essential in mapping seaweed distribution around the UK. The results can be used to understand the impact of climate change, such as sea temperature rise and ocean acidification, as well as tracking non-native seaweeds in UK waters. By working together, here's what you found this year.

Total number of

SEAWEEDS RECORDED: 470

Serrated Wrack 16.6%

Bladder Wrack 15.7%

Calcified crusts 11.5%

Knotted Wrack 10.2%

Coral Weeds 10.0%

Spiral Wrack 9.6%

Wireweed 7.2%

Channelled Wrack 6.4%

Sugar Kelp 4.0%

Thongweed 3.4%

Harpoon Weed 1.9%

Dabberlocks 1.5%

Wakame 1.1%

Bonnemaison's Hook Weed 0.9%

Indicator of ocean acidification
Indicator of sea temperature rise
Non-native seaweed

Total number of
SEAWEED SURVEYS

151

Total number of
SEAWEED SEARCHERS

448

Total **HOURS**
spent searching

507





There are currently 14 seaweeds monitored as part of the Big Seaweed Search. Can you find them all?



Most northerly survey:
Muckle Uri Geo, Fair Isle

SCOTLAND

60 SEaweEDS

Scotland had **66** people take part in **17** surveys

Seaweed searching in the same place at least twice a year can give us an even better insight into longer term changes in seaweed distribution and abundance.

NORTHERN IRELAND

0 SEaweEDS

With **0** surveys this year, there is still lots to be discovered in Northern Ireland

ENGLAND

345 SEaweEDS

England had **323** people take part in **107** surveys

WALES

59 SEaweEDS

Wales had **50** people take part in **26** survey

CHANNEL ISLANDS

6 SEaweEDS

Channel Islands had **9** people take part in **1** survey

Most southerly survey:
Portelet Beach, Guernsey

Big Seaweed Search Week 29 July - 06 August 2023

Join us from Saturday 29th July to Sunday 6th August 2023 for a week of events. It's the perfect time to head to the beach, improve your seaweed ID skills, or even try your first seaweed search. Find all the guidance and resources you need on the [Natural History Museum](#) and [Marine Conservation Society](#) websites.

From Seaweed Spotting to Research Reports

Your work provides important data which informs research, helping paint a picture of what's happening in our seas. As well as informing research, the Big Seaweed Search has inspired it too, with a university student using what she learned from the project to dive deeper into the diversity and distribution of seaweeds on our shores.