

North East England Annual Report

2012 was an award-winning, record-breaking year for Seasearch North East! 46 divers filled in a total of 188 Seasearch forms, the highest number ever received in this region. Of these, 103 were Observation forms and 85 were Survey forms, making over 4,400 records of over 370 species. We ran two Observer courses, a Fish ID course and a Marine Life ID course for snorkelers. During 2012 there were thirteen newly qualified Observers and four newly qualified Surveyors.

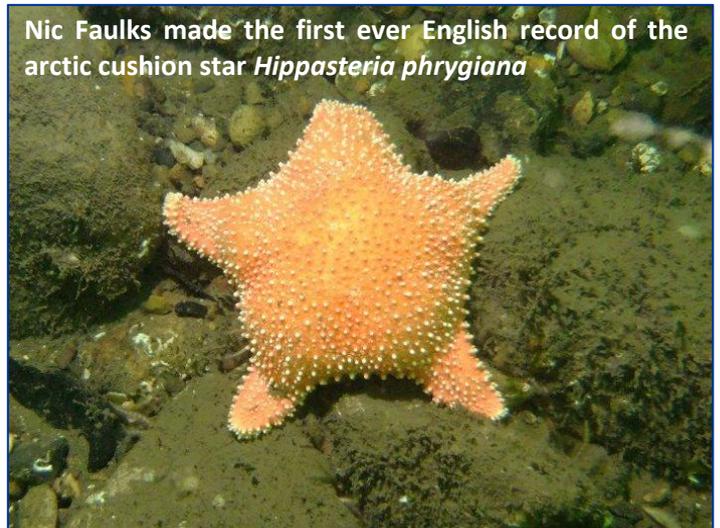
Click [here](#) to view Seasearch North East records on the NBN Gateway interactive map.

Highlights of 2012

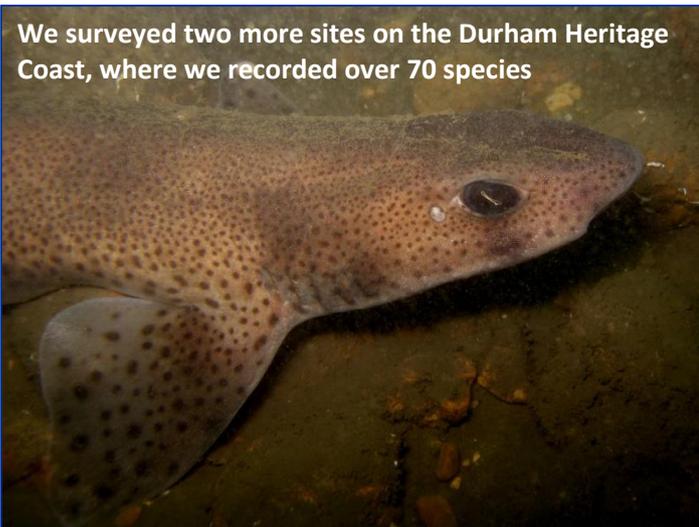
Scarborough Sub Aqua Club's Real Reefs project won the BSAC Jubilee Trust Peter Small Award



Nic Faulks made the first ever English record of the arctic cushion star *Hippasteria phrygiana*



We surveyed two more sites on the Durham Heritage Coast, where we recorded over 70 species



We contributed records to the Meet the Species project with a shore survey and dive in Runswick Bay



In 2012 Seasearch North East received support from the following organisations



DURHAM
Heritage Coast

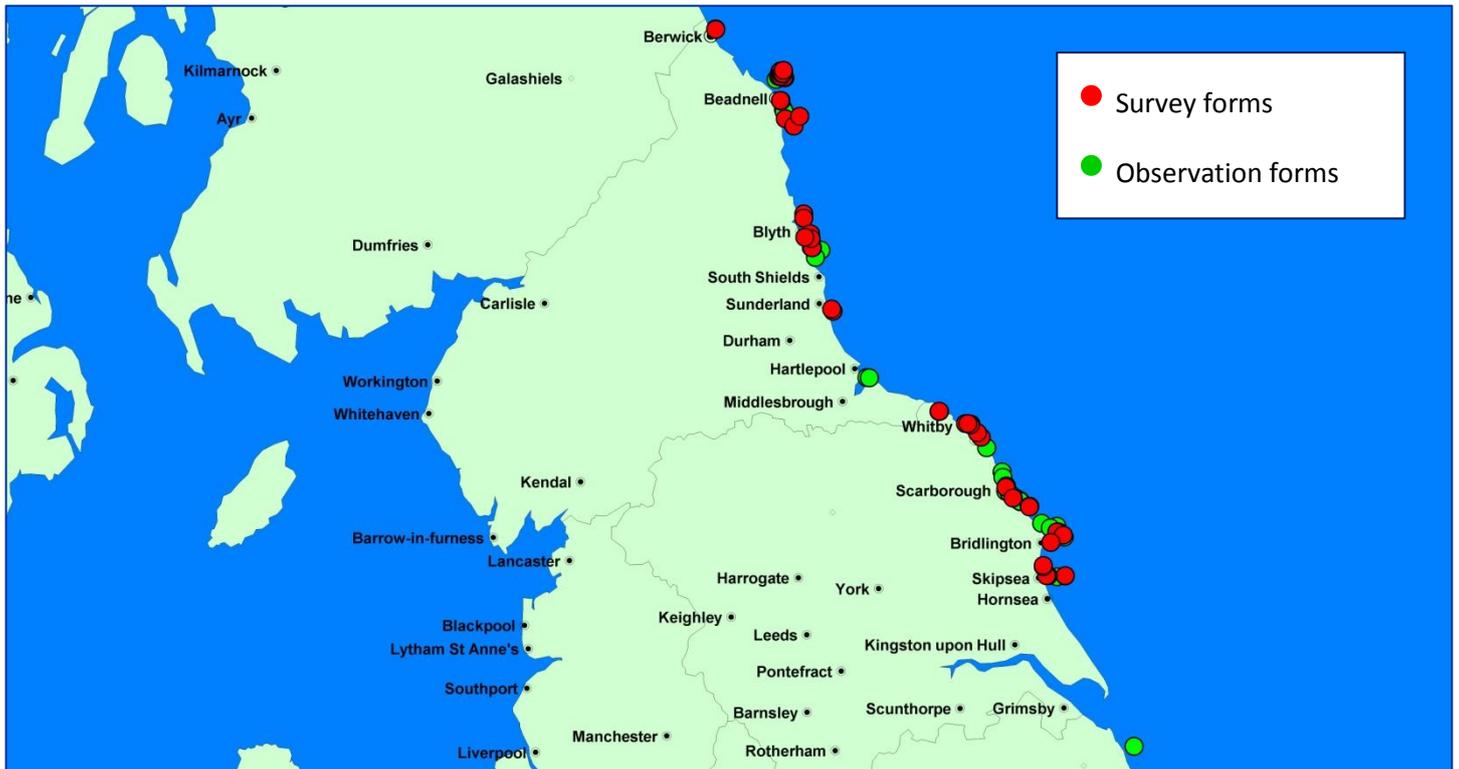


North Sea



dive into conservation

Sites surveyed by Seasearch North East England during 2012



Yorkshire

During 2012, we focussed our attention on Yorkshire's four inshore recommended Marine Conservation Zones:

- Runswick Bay in North Yorkshire
- Castle Ground from Scarborough to Filey
- Holderness Inshore from Skipsea to Spurn
- Flamborough No Take Zone, Sewerby to Danes Dyke



Runswick Bay

Seasearch dives planned for Runswick Bay in May were cancelled due to the rough sea and total lack of viz, but we still managed to carry out intertidal surveys at four sites within the rMCZ. Fortunately the weather and viz were perfect when we revisited this site in August, allowing us to carry out both intertidal and dive surveys. Read our report on the Runswick Bay rMCZ [here](#).

We also took part in [Meet the Species](#), a national project to record 2,012 species by the end of the 2012 Olympics and Paralympics. At Runswick Bay we found 25 marine species which had not yet been 'ticked off' their list!

Yorkshire Wildlife Trust organised two days of boat diving on the Holderness Coast and the Flamborough No Take Zone, contributing important data to these recommended MCZs. They also organised a dive in Selwicks Bay, a new site for Seasearch which is right on the tip of Flamborough Head with stunning chalk cliffs, caves, arches and stacks.

Real Reefs Project

The majority of records for Yorkshire, including all records for the Castle Ground rMCZ, came from the Real Reefs Project. This was a 'gap-filling' project organised by Scarborough Sub Aqua Club with the aim of carrying out Seasearch dives at 20 sites between Flamborough and Whitby. It was a huge success! Over 60 divers from 9 different local dive clubs took part, recording over 200 species at 34 sites. See photos from Real Reef dives [here](#).

The project won the Peter Small Jubilee Trust Award for the most worthwhile and ambitious BSAC project conducted in British Seas. Inspired by their success, Scarborough SAC plan to carry out a similar project called 'Marine Life on Metal' to record the wildlife and habitats on and around 20 inshore wrecks between Whitby and Flamborough.

Read our report on the Castle Ground rMCZ [here](#).

Durham Heritage Coast

We only managed one day of diving on the Durham Heritage Coast this year – but what a great day! We visited two new sites just south of Sunderland at the northern end of the Durham Heritage Coast. We recorded

78 species. Highlights included beautiful lesser-spotted catsharks and the rather bizarre tiny stalked sponge, *Guancha lacunosa*, for which there were previously only two east coast records on the NBN Gateway.



The stalked sponge *Guancha lacunosa* recorded during the Durham Heritage Coast dives.

Once again, our dives showed the amazing recovery that is taking place on the Durham Heritage Coast since the dumping of colliery spoil at sea ended some 20 years ago. The predominant habitats were rock and boulder reefs, all rather silty but richly covered in sponges, hydroids, bryozoans, anemones and dead men's fingers.



Sponge encrusted reef on the Durham Heritage Coast

Photos from the dives were used in an article in the local press and displayed at the Durham Heritage Coast Partnership AGM. See more Durham Heritage Coast dive photos [here](#). Data from this and previous years' surveys were used in a report by the Wildlife Trusts to recommend additional MCZs to Defra.

Northumberland

We carried out several dives within the Coquet to St Mary's recommended Marine Conservation Zone, including shore dives at St Mary's Island and boat dives on reefs and wrecks near Blyth and Newbiggin-by-the-Sea.

A highlight of our dives in Northumberland was Nic Faulk's record of the arctic cushion star, *Hippasteria phrygiana*. This species (shown on p.1) is common in Greenland,

Iceland and Scandinavia but is rarely reported in our waters. This was the first known record for England. Nic found the creature amongst boulders and gravel at 21m depth, proving that sometimes the surrounding seabed is more interesting than the wreck! Read our Northumberland dMCZ report [here](#).

Another interesting record from the north east was a John Dory, *Zeus faber*, recorded by Richard Booth of Tyneside 114 BSAC near the wreck of the SS Mars. See Richard's photo and read his account of the dive [here](#). There are very few records of John Dory on the east coast, although our friends at Newcastle University's Big Sea Survey found one in a rockpool at Cresswell in May 2011!

The Farne Islands were as popular as ever, with Seasearch dives organised in April and September, and several forms received from dives carried out independently. During the September dives, several divers were lucky enough to see and photograph the curled octopus, *Eledone cirrhosa* – and of course enjoy plenty of friendly seal action!



Curled octopus *Eledone cirrhosa* at the Farne Islands

In an attempt to fill the gap in Seasearch data between the Farnes and St Abbs, we planned a day's diving at Berwick. We only managed one dive due to boat trouble, but we recorded 69 species. The predominant habitat was very silty, urchin-grazed horizontal rock slabs interspersed with patches of fine sand.



Silty rock and fine sand at Seal Carr, Berwick upon Tweed

Sessile fauna was sparse but we recorded 13 species of fish, 12 species of crustaceans and 8 species of molluscs, and we look forward to visiting other sites in the area this year. An interesting find was a stalked jellyfish spotted by Rob Spray and Dawn Watson from Seasearch East Anglia.



Stalked jellyfish, possibly *Lucernaria quadricornis* (Rob Spray)

Lincolnshire

Thanks to funding from Yorkshire Wildlife Trust, divers from the Institute of Estuarine and Coastal Studies carried out the first ever Seasearch survey dives in north Lincolnshire. This revealed a seabed of mixed cobbles and pebbles covered in keelworms and barnacles, which were heavily grazed by several Echinoderm species.



Sunstar *Crossaster papposus* near Saltfleet, Lincs (Ralf Bublitz)



Abundant common starfish *Asterias rubens* grazing on barnacles near Saltfleet, Lincs (Ralf Bublitz)

2012 courses

We ran two Observer courses, the first in Newcastle in April and the second in Durham in September.

Congratulations to Nic Faulks on becoming a qualified Observer tutor, and thanks to Calum Duncan and Chris Wood for providing support on these courses.

We had a wonderful opportunity to improve our fish ID skills on a course led by Dr Frances Dipper, a marine consultant, lecturer and author who has been diving and studying British marine life for over 30 years. Sixteen people attended the course in March at The Deep aquarium in Hull, home to over 3,500 fish. Participants had a great time practicing their ID skills using photographs, preserved specimens and the inhabitants of wonderful 'Cool Seas' display in the aquarium.



Participants in Frances Dipper's Fish ID Course at The Deep

A Marine Life ID course for snorkelers was run at Scarborough Sub Aqua club in June, focussing on species found in shallower water and showing how to use the Observation form to send in snorkelling records.

Congratulations to the following people who became qualified Seasearchers during 2012:

Observers:

Ann Bailey, Debbie Dallison, Hubert Desgranges, Barry Devlin, Phil Lightfoot, Will MacLennan, Lee McKitten, Matt Newsome, Byron Nilsson, Simon Smith, Derek Weldon, Greg Wilkinson and Haydn Wilsher.

Surveyors:

Spencer Cook, Steve Mustow, Chris Newton and Michelle Simpson.

Dates for your 2013 Diary

Observer course: 17th March

Surveyor course: 29th and 30th June

Farne Island dives: 14th April and 14th September

Scarborough Festival of Ecology: 14th-15th June

Whitby Bioblitz: 21st-22nd June

Flamborough/Holderness: 29th June and 1st September

Northumberland rMCZ dives: 6th July and 3rd August

Berwick and Eyemouth dive weekend: 13th-14th July

Durham Heritage Coast dives: 28th July and 11th August

North Landing shore dive: 8th September

Sugar Sands shore dive: 15th September

Acknowledgements

Seasearch North East would like to say a big **thank you** to:

- Everyone who took part in Seasearch dives and contributed records of marine wildlife and habitats.
- Nic Faulks, Kat Sanders and Steve Mustow for leading dives.
- Anne Morrison and everyone at Scarborough Sub Aqua Club (especially the boat handlers!) for running the Real Reefs Project.

- Durham Heritage Coast Partnership, Global Ocean, Marine Conservation Society, North Sea Wildlife Trusts, North York Moors National Park Authority for their financial support.

Further information

If you would like more information about Seasearch dives and courses in North East England, contact Paula Lightfoot on p.lightfoot@btinternet.com or visit the Seasearch website www.seasearch.org.uk

Appendix: Species recorded in North East England in 2012

Click [here](#) to view Seasearch North East records on the NBN Gateway interactive map.

Scientific name	Common name	Link to NBN interactive map of this species	Number of records	Number of recorders	Number of sites
Foraminifera					
<i>Haliphysema tumanowiczi</i>		NBN map	3	2	1
Sponges					
<i>Clathrina coriacea</i>	White lace sponge	NBN map	7	5	5
<i>Guancha lacunosa</i>	Stalked sponge	NBN map	1	1	1
<i>Leucosolenia</i>	Hedgehog sponge	NBN map	8	3	6
<i>Scypha ciliata</i>	Vase sponge	NBN map	6	2	6
<i>Grantia compressa</i>	Purse sponge	NBN map	7	2	6
<i>Oscarella</i>		NBN map	1	1	1
<i>Tethya aurantium</i>	Golf ball sponge	NBN map	1	1	1
<i>Polymastia penicillus</i>	Chimney sponge	NBN map	3	3	2
<i>Suberites ficus</i>	Sea orange	NBN map	7	4	5
<i>Stelligera rigida</i>		NBN map	1	1	1
<i>Cliona celata</i>	Boring sponge	NBN map	14	8	11
<i>Halichondria</i>	Halichondria (indet species)	NBN map	1	1	1
<i>Halichondria panicea</i>	Breadcrumb sponge	NBN map	29	7	21
<i>Hymeniacedon kitchingi</i> (uncertain)		NBN map	1	1	1
<i>Myxilla</i>	Myxilla (indet species)	NBN map	5	3	4
<i>Myxilla incrustans</i>		NBN map	4	3	4
<i>Myxilla rosacea</i>		NBN map	1	1	1
<i>Haliclona</i>	Haliclona (indet species)	NBN map	1	1	1
<i>Haliclona oculata</i>	Mermaid's glove	NBN map	17	6	14
<i>Haliclona urceolus</i>	Stalked tube sponge	NBN map	1	1	1
<i>Aplysilla sulfurea</i>	Sulphur crust	NBN map	1	1	1
<i>Dysidea fragilis</i>	Goosebump sponge	NBN map	10	6	8
<i>Amphilectus fucorum</i>	Shredded carrot sponge	NBN map	5	3	3
<i>Porifera indet crusts</i>	Encrusting sponge (indet species)	NBN map	18	10	13

Scientific name	Common name	Link to NBN interactive map of this species	Number of records	Number of recorders	Number of sites
<i>Porifera indet.</i>	Sponge (indet species)	NBN map	4	4	4
Cnidaria					
<i>Scyphozoa</i>	Jellyfish (indet species)	NBN map	1	1	1
<i>Lucernaria quadricornis</i> (uncertain)	a stalked jellyfish	NBN map	1	1	1
<i>Cyanea capillata</i>	Lion's mane jellyfish	NBN map	1	1	1
<i>Cyanea lamarckii</i>	Blue jellyfish	NBN map	4	3	3
<i>Aurelia aurita</i>	Moon jellyfish	NBN map	3	3	3
<i>Hydrozoa</i>	Hydroids (indet species)	NBN map	37	12	24
<i>Corymorpha nutans</i>	Nodding hydroid	NBN map	2	1	2
<i>Tubularia indivisa</i>	Oaten pipes hydroid	NBN map	35	12	23
<i>Tubularia larynx</i>	Branching hydroid	NBN map	3	3	2
<i>Coryne pusilla</i>	Mini club hydroid	NBN map	1	1	1
<i>Coryne eximia</i>	Club hydroid	NBN map	4	3	3
<i>Eudendrium</i>	Eudendrium (indet species)	NBN map	4	2	4
<i>Garveia nutans</i>		NBN map	1	1	1
<i>Halecium halecinum</i>	Herring bone hydroid	NBN map	6	6	5
<i>Abietinaria abietina</i>		NBN map	6	3	4
<i>Diphasia</i>	Diphasia (indet species)	NBN map	2	2	2
<i>Diphasia margareta</i>	Large pinnate hydroid	NBN map	1	1	1
<i>Dynamena pumila</i>	Saw-tooth hydroid	NBN map	1	1	1
<i>Hydrallmania falcata</i>	Helter-skelter hydroid	NBN map	6	4	5
<i>Sertularia</i>	Sertularia (indet species)	NBN map	1	1	1
<i>Sertularia argentea</i>	Squirrel's tail hydroid	NBN map	1	1	1
<i>Thuiaria thuja</i>	Bottle brush hydroid	NBN map	5	5	5
<i>Kirchenpaueria pinnata</i>		NBN map	1	1	1
<i>Nemertesia antennina</i>	Antenna hydroid	NBN map	26	12	15
<i>Nemertesia ramosa</i>	Branching antenna hydroid	NBN map	6	4	5
<i>Plumularia setacea</i>		NBN map	1	1	1
<i>Clytia hemisphaerica</i>		NBN map	1	1	1
<i>Obelia geniculata</i>	Kelp fir	NBN map	43	14	22
<i>Alcyonium digitatum</i>	Dead men's fingers	NBN map	111	28	47
<i>Cerianthus lloydii</i>	Burrowing anemone	NBN map	1	1	1
<i>Actiniaria</i>	Anemone (indet species)	NBN map	2	2	2
<i>Actinia equina</i>	Beadlet anemone	NBN map	12	5	6
<i>Urticina eques</i>	Horseman anemone	NBN map	14	9	8
<i>Urticina felina</i>	Dahlia anemone	NBN map	112	25	51
<i>Stomphia coccinea</i>	Swimming anemone	NBN map	1	1	1
<i>Metridium senile</i>	Plumose anemone	NBN map	41	18	22

Scientific name	Common name	Link to NBN interactive map of this species	Number of records	Number of recorders	Number of sites
<i>Sagartia</i>	Sagartia (indet species)	NBN map	1	1	1
<i>Sagartia elegans</i>	Elegant anemone	NBN map	49	16	21
<i>Sagartia troglodytes</i>		NBN map	2	2	2
<i>Caryophyllia smithii</i>	Devonshire cup coral	NBN map	17	7	10
Ctenophores					
<i>Pleurobrachia pileus</i>	Sea gooseberry	NBN map	2	2	2
Worms					
<i>Platyhelminthes</i>	Flatworm (indet species)	NBN map	1	1	1
<i>Lineus bilineatus</i>	Two-striped ribbon worm	NBN map	2	1	2
<i>Lineus longissimus</i>	Bootlace worm	NBN map	2	1	2
<i>Aphroditoidea</i>	Scale worm (indet species)	NBN map	1	1	1
<i>Lepidonotus clava</i>		NBN map	1	1	1
<i>Eulalia viridis</i>	Green leaf worm	NBN map	2	1	2
<i>Nereididae</i>	Ragworm (indet species)	NBN map	1	1	1
<i>Polydora</i>	Polydora worm (indet species)	NBN map	10	4	8
<i>Cirratulidae</i>	Cirratulid worm (indet species)	NBN map	3	2	3
<i>Cirratulus cirratus</i>		NBN map	6	1	5
<i>Arenicola</i>	Lugworm (indet. species)	NBN map	12	7	11
<i>Sabellaria</i>	Sabellaria worm (indet species)	NBN map	2	2	2
<i>Sabellaria spinulosa</i>	Ross worm	NBN map	28	8	19
<i>Lanice conchilega</i>	Sandmason worm	NBN map	12	4	8
<i>Myxicola infundibulum</i>	Eyesh worm	NBN map	1	1	1
<i>Sabella pavonina</i>	Peacock fan worm	NBN map	6	4	6
<i>Pomatoceros</i>	Keel worm (indet species)	NBN map	129	22	51
<i>Serpula</i>	Fan worm (indet species)	NBN map	1	1	1
<i>Spirorbis</i>	Spiral worm (indet species)	NBN map	27	9	16
Sea spiders					
<i>Pycnogonida</i>	Sea spider (indet species)	NBN map	5	3	3
Crustaceans					
<i>Cirripedia</i>	Barnacles (indet species)	NBN map	44	18	28
<i>Verruca stroemia</i>	Wart barnacle	NBN map	7	3	6
<i>Semibalanus balanoides</i>	Acorn barnacle	NBN map	15	4	9
<i>Balanus</i>	Acorn barnacle (indet species)	NBN map	9	5	6

Scientific name	Common name	Link to NBN interactive map of this species	Number of records	Number of recorders	Number of sites
<i>Balanus balanus</i>	Greater acorn barnacle	NBN map	28	10	18
<i>Mysida</i>	Mysid shrimp (indet species)	NBN map	14	8	10
<i>Amphipoda</i>	Amphipod (indet species)	NBN map	2	2	2
<i>Iphimedia obesa</i>		NBN map	4	3	4
<i>Jassa falcata</i>		NBN map	9	5	8
<i>Caprellidae</i>	Caprellid amphipod (indet species)	NBN map	7	4	6
<i>Idotea</i>	Idotea (indet species)	NBN map	1	1	1
<i>Caridea</i>	Prawn (indet species)	NBN map	1	1	1
<i>Palaemon</i>	Palaemon (indet species)	NBN map	1	1	1
<i>Palaemon serratus</i>	Common prawn	NBN map	5	3	4
<i>Athanus nitescens</i>		NBN map	2	1	1
<i>Eualus</i>	Eualus (indet species)	NBN map	3	3	3
<i>Pandalus montagui</i>	Humpback prawn	NBN map	63	15	30
<i>Crangon crangon</i>	Brown shrimp	NBN map	8	7	7
<i>Homarus gammarus</i>	Common lobster	NBN map	110	31	57
<i>Paguridae</i>	Hermit crab (indet species)	NBN map	50	20	31
<i>Pagurus bernhardus</i>	Common hermit crab	NBN map	39	10	22
<i>Pagurus cuanensis</i>		NBN map	1	1	1
<i>Pagurus pubescens</i>		NBN map	1	1	1
<i>Galatheidae</i>	Squat lobster (indet species)	NBN map	6	6	6
<i>Galathea</i>	Galathea (indet species)	NBN map	3	3	3
<i>Galathea dispersa</i>		NBN map	1	1	1
<i>Galathea nexa</i>		NBN map	16	6	10
<i>Galathea squamifera</i>		NBN map	3	3	3
<i>Galathea strigosa</i>	Spiny squat lobster	NBN map	37	12	26
<i>Munida rugosa</i>	Long clawed squat lobster	NBN map	6	2	4
<i>Pisidia longicornis</i>	Long clawed porcelain crab	NBN map	5	4	4
<i>Majidae</i>	Spider crab (indet species)	NBN map	1	1	1
<i>Hyas araneus</i>	Sea toad	NBN map	1	1	1
<i>Inachus</i>	Inachus (indet species)	NBN map	10	4	7
<i>Macropodia</i>	Macropodia (indet species)	NBN map	12	7	8
<i>Corystes cassivelaunus</i>	Masked crab	NBN map	8	7	5
<i>Cancer pagurus</i>	Edible crab	NBN map	123	35	59
<i>Liocarcinus arcuatus</i>		NBN map	2	2	2
<i>Liocarcinus depurator</i>	Harbour crab	NBN map	12	8	10

Scientific name	Common name	Link to NBN interactive map of this species	Number of records	Number of recorders	Number of sites
<i>Necora puber</i>	Velvet swimming crab	NBN map	153	30	63
<i>Carcinus maenas</i>	Shore crab	NBN map	18	10	7
<i>Pilumnus hirtellus</i>	Hairy crab	NBN map	1	1	1
Molluscs					
<i>Polyplacophora</i>	Chiton (indet species)	NBN map	10	8	9
<i>Callochiton septemvalvis</i>		NBN map	1	1	1
<i>Lepidochitona cinerea</i>	Grey chiton	NBN map	1	1	1
<i>Tonicella marmorea</i>	Marbled chiton	NBN map	1	1	1
<i>Tonicella rubra</i>	Red chiton	NBN map	1	1	1
<i>Gibbula cineraria</i>	Grey topshell	NBN map	49	14	23
<i>Calliostoma zizyphinum</i>	Painted topshell	NBN map	32	10	18
<i>Tectura virginea</i>	White tortoiseshell limpet	NBN map	5	1	4
<i>Patella</i>	Limpet (indet species)	NBN map	6	6	6
<i>Patella vulgata</i>	Common limpet	NBN map	10	5	6
<i>Helcion pellucidum</i>	Blue rayed limpet	NBN map	37	11	19
<i>Lacuna</i>	Lacuna (indet species)	NBN map	4	1	1
<i>Lacuna vincta</i>	Banded chink shell	NBN map	9	2	5
<i>Littorina</i>	Winkle (indet species)	NBN map	1	1	1
<i>Littorina littorea</i>	Edible winkle	NBN map	7	6	5
<i>Littorina obtusata</i>	Flat winkle	NBN map	1	1	1
<i>Littorina saxatilis</i>	Rough winkle	NBN map	1	1	1
<i>Rissoa</i>	Rissoa (indet species)	NBN map	2	1	2
<i>Rissoa parva</i>		NBN map	4	1	3
<i>Hydrobia</i>	Hydrobia (indet species)	NBN map	1	1	1
<i>Trivia</i>	Cowry	NBN map	14	9	12
<i>Trivia arctica</i>	Arctic cowry	NBN map	5	3	4
<i>Trivia monacha</i>	European cowry	NBN map	8	5	8
<i>Nucella lapillus</i>	Dog whelk	NBN map	12	10	9
<i>Buccinum undatum</i>	Common whelk	NBN map	14	9	12
<i>Hinia incassata</i>	Thick lipped dog whelk	NBN map	1	1	1
<i>Aplysia punctata</i>	Sea hare	NBN map	1	1	1
<i>Nudibranchia</i>	Nudibranch (indet species)	NBN map	3	3	3
<i>Tritonia hombergii</i>	Dead men's fingers sea slug	NBN map	19	7	9
<i>Dendronotus frondosus</i>	Christmas tree sea slug	NBN map	2	2	2
<i>Doto</i>	Doto (indet species)	NBN map	2	1	2
<i>Goniodoris</i>	Goniodoris (indet species)	NBN map	1	1	1
<i>Goniodoris nodosa</i>		NBN map	7	4	6
<i>Onchidoris bilamellata</i>		NBN map	4	3	4
<i>Onchidoris muricata</i>		NBN map	1	1	1
<i>Diaphorodoris luteocincta</i>	Fried egg sea slug	NBN map	2	2	1

Scientific name	Common name	Link to NBN interactive map of this species	Number of records	Number of recorders	Number of sites
<i>Acanthodoris pilosa</i>		NBN map	10	5	8
<i>Aegires punctilucens</i>		NBN map	1	1	1
<i>Polycera faeroensis</i>		NBN map	4	2	3
<i>Polycera quadrilineata</i>	Yellow lined Polycera	NBN map	29	14	20
<i>Limacia clavigera</i>	Orange clubbed sea slug	NBN map	38	16	23
<i>Cadlina laevis</i>		NBN map	3	2	1
<i>Archidoris pseudoargus</i>	Sea lemon	NBN map	12	9	10
<i>Jorunna tomentosa</i>		NBN map	4	4	3
<i>Janolus cristatus</i>	Crystal sea slug	NBN map	17	10	11
<i>Coryphella browni</i>		NBN map	1	1	1
<i>Coryphella lineata</i>		NBN map	1	1	1
<i>Flabellina pedata</i>		NBN map	3	2	2
<i>Cuthona caerulea</i>		NBN map	1	1	1
<i>Cuthona concinna</i>		NBN map	1	1	1
<i>Eubranchus farrani</i>		NBN map	1	1	1
<i>Eubranchus pallidus</i>		NBN map	1	1	1
<i>Facelina auriculata</i>		NBN map	2	1	2
<i>Aeolidiella glauca</i>		NBN map	1	1	1
<i>Mytilus edulis</i>	Edible mussel	NBN map	10	7	5
<i>Modiolus modiolus</i>	Horse mussel	NBN map	14	9	10
<i>Aequipecten opercularis</i>	Queen scallop	NBN map	1	1	1
<i>Anomia ephippium</i>	Saddle oyster	NBN map	14	7	14
<i>Pododesmus</i>	Pododesmus (indet species)	NBN map	3	1	2
<i>Pododesmus patelliformis</i>	Ribbed saddle oyster	NBN map	8	2	5
<i>Lutraria lutraria</i>	Otter shell	NBN map	3	2	2
<i>Solenidae</i>	Razor shells	NBN map	4	4	3
<i>Ensis</i>	Razor shells	NBN map	1	1	1
<i>Ensis siliqua</i>		NBN map	1	1	1
<i>Arctica islandica</i>	Ocean quahog	NBN map	1	1	1
<i>Hiatella arctica</i>	Red nose	NBN map	5	4	5
<i>Pholadidae</i>	Piddocks (indet species)	NBN map	2	1	2
<i>Alloteuthis subulata</i>	Squid (eggs)	NBN map	4	3	3
<i>Eledone cirrhosa</i>	Curled octopus	NBN map	4	4	2
Bryozoans					
<i>Bryozoa</i>	Bryozoa (indet species)	NBN map	1	1	1
<i>Crisiidae</i>	Crisiidae (indet species)	NBN map	2	2	2
<i>Crisia</i>	Claw sea moss (indet species)	NBN map	9	5	8
<i>Alcyonidium diaphanum</i>	Sea chervil	NBN map	27	9	15
<i>Flustrellidra hispida</i>		NBN map	1	1	1
<i>Membranipora membranacea</i>	Sea mat	NBN map	55	19	29

Scientific name	Common name	Link to NBN interactive map of this species	Number of records	Number of recorders	Number of sites
<i>Electra pilosa</i>	Frosty sea mat	NBN map	45	13	24
<i>Flustra foliacea</i>	Hornwrack	NBN map	44	17	27
<i>Securiflustra securifrons</i>	Square end hornwrack	NBN map	16	7	11
<i>Bugula</i>	Spiral bryozoan	NBN map	8	5	6
<i>Bugula flabellata</i>		NBN map	5	3	5
<i>Bugula plumosa</i>		NBN map	5	2	5
<i>Scrupocellaria</i>	Scrupocellaria (indet species)	NBN map	3	2	3
<i>Scrupocellaria scruposa</i>		NBN map	2	2	2
<i>Cellaria</i>	Cellaria (indet species)	NBN map	2	2	2
<i>Celleporella hyalina</i>		NBN map	1	1	1
<i>Escharoides coccinea</i>		NBN map	1	1	1
<i>Parasmittina trispinosa</i>		NBN map	2	1	2
<i>Cellepora pumicosa</i>	Pumice bryozoan	NBN map	3	2	1
<i>Bryozoa indet crusts</i>		NBN map	47	11	24
Echinoderms					
<i>Crinoidea</i>	Feather star (indet species)	NBN map	1	1	1
<i>Antedon bifida</i>	Common feather star	NBN map	16	5	6
<i>Luidia ciliaris</i>	Seven armed starfish	NBN map	2	2	2
<i>Astropecten irregularis</i>	Sandstar	NBN map	2	2	2
<i>Hippasteria phrygiana</i>	Arctic cushion star	NBN map	1	1	1
<i>Crossaster papposus</i>	Sunstar	NBN map	25	12	17
<i>Henricia</i>	Henry starfish	NBN map	122	25	49
<i>Asterias rubens</i>	Common star fish	NBN map	137	31	49
<i>Ophiuroidea</i>	Brittle star (indet species)	NBN map	3	3	3
<i>Ophiothrix fragilis</i>	Common brittle star	NBN map	40	14	29
<i>Ophiocomina nigra</i>	Black brittle star	NBN map	2	2	2
<i>Ophiactis balli</i>		NBN map	1	1	1
<i>Ophiopholis aculeata</i>	Crevice brittle star	NBN map	12	5	7
<i>Amphipholis squamata</i>		NBN map	1	1	1
<i>Ophiura</i>	Ophiura (indet species)	NBN map	4	4	4
<i>Ophiura albida</i>	Serpent's table brittle star	NBN map	15	10	9
<i>Ophiura ophiura</i>	Serpent star	NBN map	2	2	2
<i>Echinus esculentus</i>	Common sea urchin	NBN map	139	27	52
<i>Echinocardium cordatum</i>	Heart urchin	NBN map	1	1	1
Sea squirts					
<i>Asciadiacea</i>	Sea squirts (indet species)	NBN map	6	4	4
<i>Clavelina lepadiformis</i>	Light bulb sea squirt	NBN map	7	6	6
<i>Pycnoclavella stolonialis</i>	Pin head sea squirt	NBN map	2	2	1
<i>Distaplia rosea</i>		NBN map	1	1	1
<i>Morchellium argus</i>	Club sea squirt	NBN map	2	2	1

Scientific name	Common name	Link to NBN interactive map of this species	Number of records	Number of recorders	Number of sites
<i>Sidnyum turbinatum</i>		NBN map	5	2	5
<i>Aplidium nordmanni</i>		NBN map	2	2	2
<i>Aplidium punctum</i>	Club sea squirt	NBN map	6	3	4
<i>Trididemnum cereum</i>		NBN map	1	1	1
<i>Didemnum maculosum</i>		NBN map	3	2	1
<i>Diplosoma listerianum</i>		NBN map	1	1	1
<i>Lissoclinum perforatum</i>	Perforated sea squirt	NBN map	1	1	1
<i>Ciona intestinalis</i>	Yellow ringed sea squirt	NBN map	15	7	12
<i>Perophora</i>	Perophora (indet species)	NBN map	2	1	1
<i>Perophora listeri</i>		NBN map	1	1	1
<i>Corella parallelogramma</i>	Gas mantle sea squirt	NBN map	2	2	2
<i>Dendrodoa grossularia</i>	Gooseberry sea squirt	NBN map	10	6	4
<i>Botryllus</i>	Botryllus (indet species)	NBN map	1	1	1
<i>Botryllus schlosseri</i>	Star sea squirt	NBN map	12	7	9
<i>Botrylloides leachi</i>		NBN map	4	1	4
<i>Molgula</i>	Molgula (indet species)	NBN map	2	2	1
Fish					
<i>Pisces</i>	Fish (indet species)	NBN map	2	2	2
<i>Scyliorhinus canicula</i>	Small spotted catshark	NBN map	3	3	3
<i>Conger conger</i>	Conger eel	NBN map	2	2	2
<i>Sprattus</i>	Sprat (indet species)	NBN map	1	1	1
<i>Lophius piscatorius</i>	Angler fish	NBN map	2	2	2
<i>Gadidae</i>	Cod family (indet species)	NBN map	2	2	1
<i>Gadus morhua</i>	Cod	NBN map	4	3	3
<i>Gaidropsarus mediterraneus</i>	Shore rockling	NBN map	2	2	2
<i>Melanogrammus aeglefinus</i>	Haddock	NBN map	1	1	1
<i>Molva molva</i>	Ling	NBN map	2	2	2
<i>Pollachius</i>	Pollack/Saithe	NBN map	1	1	1
<i>Pollachius pollachius</i>	Pollack	NBN map	32	11	27
<i>Pollachius virens</i>	Saithe	NBN map	9	7	8
<i>Trisopterus luscus</i>	Bib	NBN map	16	10	8
<i>Trisopterus minutus</i>	Poor cod	NBN map	7	4	7
<i>Zeus faber</i>	John Dory	NBN map	1	1	1
<i>Triglidae</i>	Gurnard (indet species)	NBN map	1	1	1
<i>Eutrigla gurnardus</i>	Grey gurnard	NBN map	1	1	1
<i>Cottidae</i>	Sea scorpion	NBN map	4	4	4
<i>Myoxocephalus scorpius</i>	Short spined sea scorpion	NBN map	5	4	5

Scientific name	Common name	Link to NBN interactive map of this species	Number of records	Number of recorders	Number of sites
<i>Taurulus bubalis</i>	Long spined sea scorpion	NBN map	54	18	29
<i>Agonus cataphractus</i>	Pogge	NBN map	6	6	5
<i>Cyclopterus lumpus</i>	Lumpsucker	NBN map	10	6	8
<i>Liparis</i>	Sea snail (indet species)	NBN map	1	1	1
<i>Liparis liparis</i>	Sea snail	NBN map	1	1	1
<i>Perciformes</i>	Perch (indet species)	NBN map	1	1	1
<i>Labridae</i>	Wrasse (indet species)	NBN map	1	1	1
<i>Crenilabrus melops</i>	Corkwing wrasse	NBN map	1	1	1
<i>Ctenolabrus rupestris</i>	Goldsinny	NBN map	12	8	8
<i>Labrus bergylta</i>	Ballan wrasse	NBN map	53	18	28
<i>Trachinidae</i>	Weever fish (indet species)	NBN map	1	1	1
<i>Echiichthys vipera</i>	Lesser weever fish	NBN map	3	3	2
<i>Lipophrys pholis</i>	Shanny	NBN map	6	5	4
<i>Chirolophis ascanii</i>	Yarrell's blenny	NBN map	8	6	7
<i>Zoarces viviparus</i>	Viviparous blenny	NBN map	4	3	4
<i>Pholis gunnellus</i>	Butterfish	NBN map	55	21	37
<i>Callionymus</i>	Callyonymus (indet species)	NBN map	1	1	1
<i>Callionymus lyra</i>	Common dragonet	NBN map	26	13	20
<i>Callionymus reticulatus</i>	Reticulated dragonet	NBN map	3	1	3
<i>Gobiidae</i>	Goby (indet species)	NBN map	8	5	7
<i>Aphia minuta</i>	Transparent goby	NBN map	1	1	1
<i>Gobiusculus flavescens</i>	Two spot goby	NBN map	29	7	15
<i>Pomatoschistus</i>	Pomatoschistus (indet species)	NBN map	15	9	10
<i>Pomatoschistus minutus</i>	Sand goby	NBN map	6	2	6
<i>Pomatoschistus pictus</i>	Painted goby	NBN map	11	6	9
<i>Thorogobius ephippiatus</i>	Leopard spotted goby	NBN map	33	14	24
<i>Scomber scombrus</i>	Mackerel	NBN map	3	3	3
<i>Pleuronectiformes</i>	Flatfish (indet species)	NBN map	11	10	10
<i>Phrynorhombus norvegicus</i>	Norwegian topknot	NBN map	7	4	5
<i>Psetta maxima</i>	Turbot	NBN map	1	1	1
<i>Zeugopterus punctatus</i>	Topknot	NBN map	7	5	6
<i>Limanda limanda</i>	Dab	NBN map	7	6	7
<i>Microstomus kitt</i>	Lemon sole	NBN map	5	5	4
<i>Platichthys flesus</i>	Flounder	NBN map	4	3	3
<i>Pleuronectes platessa</i>	Plaice	NBN map	13	8	10
Mammals					
<i>Halichoerus grypus</i>	Grey seal	NBN map	18	9	12
Seaweeds					
<i>Rhodophycota</i>	Red seaweeds (indet species)	NBN map	37	19	29
<i>Palmaria palmata</i>	Dulse	NBN map	14	5	9

Scientific name	Common name	Link to NBN interactive map of this species	Number of records	Number of recorders	Number of sites
<i>Rhodothamniella floridula</i>	Sandbinder	NBN map	8	4	4
<i>Ahnfeltia plicata</i>	Black scour weed	NBN map	1	1	1
<i>Corallina</i>	Corallina (indet species)	NBN map	2	1	2
<i>Corallina officinalis</i>	Coral weed	NBN map	17	9	12
<i>Calliblepharis ciliata</i>	Eyelash weed	NBN map	4	2	2
<i>Dilsea carnosa</i>	Red rags	NBN map	26	8	15
<i>Dumontia contorta</i>	Dumont's tubular weed	NBN map	1	1	1
<i>Furcellaria lumbricalis</i>	Clawed fork weed	NBN map	1	1	1
<i>Chondrus crispus</i>	Carragheen	NBN map	22	9	12
<i>Callophyllis laciniata</i>	Beautiful fan weed	NBN map	3	3	3
<i>Mastocarpus stellatus</i>	Grape pip weed	NBN map	4	3	4
<i>Schottera nicaeensis</i>	Shaded weed	NBN map	1	1	1
<i>Polyides rotundus</i>	Discoïd fork weed	NBN map	3	2	3
<i>Plocamium</i>	Plocamium (indet species)	NBN map	23	4	12
<i>Plocamium cartilagineum</i>	Comb weed	NBN map	15	5	6
<i>Chylocladia verticillata</i>	Juicy whorl weed	NBN map	1	1	1
<i>Lomentaria articulata</i>	Bunny ears	NBN map	3	2	2
<i>Ceramium</i>	Banded pincer weed (indet species)	NBN map	1	1	1
<i>Plumaria plumosa</i>	Soft feather weed	NBN map	2	1	1
<i>Ptilota gunneri</i>	Feathered wing weed	NBN map	2	2	2
<i>Heterosiphonia plumosa</i>	Siphoned feather weed	NBN map	5	3	3
<i>Cryptopleura ramosa</i>	Fine veined crinkle weed	NBN map	11	5	7
<i>Delesseria sanguinea</i>	Sea beech	NBN map	50	14	26
<i>Hypoglossum hypoglossoides</i>	Under tongue weed	NBN map	1	1	1
<i>Membranoptera alata</i>	Winged weed	NBN map	11	4	8
<i>Phycodrys rubens</i>	Sea oak (red)	NBN map	17	5	13
<i>Odonthalia dentata</i>	Northern toothed weed	NBN map	2	2	2
<i>Osmundea pinnatifida</i>	Pepper dulse	NBN map	6	3	5
<i>Polysiphonia</i>	Polysiphonia (indet species)	NBN map	10	3	5
<i>Polysiphonia lanosa</i>	Wrack siphon weed	NBN map	2	2	1
<i>Phaeophyceae</i>	Unidentified brown seaweed	NBN map	2	1	2
<i>Ralfsia verrucosa</i>	Brown limpet paint	NBN map	1	1	1
<i>Cladostephus spongiosus</i>	Hairy sand weed	NBN map	3	3	1
<i>Dictyota dichotoma</i>	Brown fan weed	NBN map	31	11	18
<i>Taonia atomaria</i>	Dotted peacock weed	NBN map	2	1	2
<i>Desmarestia aculeata</i>	Landlady's wig	NBN map	10	5	8
<i>Desmarestia ligulata</i>	Desmarest's flattened weed	NBN map	3	1	1

Scientific name	Common name	Link to NBN interactive map of this species	Number of records	Number of recorders	Number of sites
<i>Laminariales</i>	Kelp (unidentified to species)	NBN map	19	10	19
<i>Laminaria digitata</i>	Oarweed	NBN map	21	9	16
<i>Laminaria hyperborea</i>	Forest kelp	NBN map	63	17	29
<i>Saccharina latissima</i>	Sugar kelp	NBN map	14	8	8
<i>Saccorhiza polyschides</i>	Furbelows	NBN map	1	1	1
<i>Halidrys siliquosa</i>	Sea oak	NBN map	2	2	2
<i>Ascophyllum nodosum</i>	Egg wrack	NBN map	4	4	1
<i>Fucus</i>	Wrack (indet species)	NBN map	2	1	2
<i>Fucus serratus</i>	Toothed wrack	NBN map	19	11	12
<i>Fucus spiralis</i>	Twisted wrack	NBN map	1	1	1
<i>Fucus vesiculosus</i>	Bladder wrack	NBN map	5	3	3
<i>Himanthalia elongata</i>	Thongweed	NBN map	3	3	3
<i>Chlorophycota</i>	Green seaweed (indet species)	NBN map	6	4	4
<i>Enteromorpha intestinalis</i>	Gut weed	NBN map	1	1	1
<i>Enteromorpha linza</i>	Doubled ribbon weed	NBN map	1	1	1
<i>Ulva</i>	Ulva (indet species)	NBN map	5	3	3
<i>Ulva lactuca</i>	Sea lettuce	NBN map	18	9	11
<i>Cladophora</i>	Branched green weed	NBN map	7	3	4
<i>Bryopsis</i>	Green feather weed	NBN map	14	4	9
Encrusting algae indet.	Unidentified encrusting algae	NBN map	122	26	46