



How to use the Marine Habitat Classification for Britain and Ireland version 22.04

(This document is available from <https://mhc.jncc.gov.uk/resources#userguide>. Edited April 2022)

Overview

The quickest way to get an overall view of the classification is to look at the [expandable classification hierarchy](#), which lists all types, from broad habitat level to sub-biotope level, in hierarchical order. The different levels in the hierarchy are colour-coded in a standard colour scheme. The expandable hierarchy is hyperlinked to the descriptions for each individual type, which can be accessed by clicking on the relevant title in the list.

[Habitat matrices](#) and [hierarchy structure diagrams](#) have been developed to help users find their way around the individual broad habitats.

The [biotope search page](#) can be used to search for biotope descriptions which contain specific keywords or species names. Users who are familiar with the classification system can also search for descriptions belonging to specific codes.

This guide includes:

1. The layout and components of each biotope description
2. Guide to understanding the biotope codes
3. Explanation of the species nomenclature

The [introduction to version 04.05](#) the classification (Connor et al, 2004) covers the background and development of the classification system in some detail. It also contains a section on field recording (page 43), which explains the terminology used for physical habitat parameters within biotope descriptions.

[Comparative tables](#) enable a rapid comparison of the species composition and the principal physical characteristics between user-defined sets of biotopes (and other classification units). There are no tables for the deep-sea section added in 2015; therefore, they are only relevant to littoral and sublittoral zones - equivalent to version 04.05 of the classification.

A [guidance document](#) (Parry, 2019) has been produced about how to interpret survey data and assign a biotope using the classification, or EUNIS. This document provides a step-by-step guide to reviewing evidence, suggestions for dealing with common problems, and a template biotope report structure.

1 Understanding the codes

Construction of codes follows a few simple rules, which achieve consistency throughout the classification whilst aiming to keep the resultant codes relatively short and intuitive. Familiarity with the rules for code construction and with the types themselves, by those working regularly with the classification, results in rapid use of codes as a short-hand means of referring to the types defined.

Codes are defined for each level in the classification. Within a level, they comprise one or several elements. They are based on the following rules:

1. Broad habitat and main habitat codes are based on habitat factors or gross biological features (e.g., macrophytes and biogenic reefs).
2. Biotope complex, biotope and sub-biotope codes are based wherever possible upon the most characteristic taxa (which preferably also dominate spatially/numerically) (preferably no more than two per biotope complex, biotope or sub-biotope).
3. Where the biological composition is too complex to derive a simple code, features of the habitat are used (e.g., VS for variable salinity).
4. Codes for habitat factors, higher taxa and descriptive community features (e.g., park, crustose) are derived from a standard lexicon (see Appendix). A full list of codes used is contained in the hierarchical list which can be downloaded from the classification website.
5. Codes for names of genera are derived using the first three letters of a genus or higher taxon name (e.g., Ala for *Alaria*, Chr for *Chrysophyceae*). Codes for species names are derived using the first letter of the genus and the first three letters of the specific name (e.g., Ldig for *Laminaria digitata*) (see Appendix: Lexicon of code elements).
6. Within the code each new element of the code starts with a capital letter.
7. As far as practical the code elements are unique, but some duplication is adopted in the interests of keeping codes short. The code for any given type (i.e., for the level defined, regardless of whether it is stringed with higher codes – see below) is always unique.
8. All the biotope/sub-biotope codes are unique, so users familiar with the classification can refer to individual biotopes using only the codes for these levels in the hierarchy.
9. The full codes are compiled using the code for each level in the hierarchy, separated from the next level by a full stop, starting with the broad habitat (level 2), followed by the main habitat, biotope complex and so on. For example LS.LSA.MoSa.AmSco.Eur:

Level	Category	Example biotope name	Example biotope code
2	broad habitat	littoral sediment	LS
3	main habitat	littoral sand	LSa
4	biotope complex	mobile sand	MoSa
5	biotope	Amphipods and <i>Scolecopsis</i> spp.	AmSco
6	sub-biotope	<i>Eurydice</i> sub-biotope	Eur

NOTE: to avoid confusion, others using the classification should not erect similar codes for types not currently described in the national classification.

2 Species nomenclature

In previous classification versions, all species names were given according to Howson & Picton (1997), excepting for angiosperms, which follow Stace (1991), and lichens, which follow Purvis *et al.* (1992). Guiry & Dhonncha (2002) provides a later checklist for algae and additional useful information. The present publication and database use [WoRMS](#) as the authority on species names.

3 Layout and components of biotope descriptions

Descriptions for each unit in the classification, from broad habitats to sub-biotopes, are laid out as follows:

Code

A unique letter code, reflecting the level of the described type within the classification hierarchy. A "breadcrumb trail" of codes is shown in the standard classification colour scheme, which indicates what level of the biotope classification is being currently looked at and allows a direct link to the "parents" of the type currently being looked at.

Title

The title gives the key biological and physical features of the type, with emphasis on the features which help to distinguish it from closely related types of the same level in the hierarchy. The habitat part of the title usually includes the zone, substratum and another key habitat factor. To avoid becoming overly clumsy the titles do **not** cover all habitat characteristics or characterising species, and common names are not given (although they are given in the text description).

NOTE: It is very important to refer to the full description and to the habitat matrices to determine the full nature of the type and not to rely on the title alone.

Physical habitat characteristics

The typical habitat characteristics of the type for salinity, wave exposure, tidal currents, substratum, zone, height or depth band and, where appropriate, other factors critical to that particular type. The range given for each factor tends to be broader for higher types and more tightly defined for lower types. When assigning samples to types, it should be noted that in some cases the type may occur outside the range given (see profiles given in the [comparative tables](#) which show that a small proportion of records may occur outside the typical range for the type), though care should be taken to ensure that another type has not been described to cover the example being considered. All heights and depths are corrected to chart datum.

NOTE: The comparative tables for version 22.04 are currently in progress to be updated.

Distribution map

A distribution map is included, showing the location of field survey records assigned to the biotope on the JNCC marine database. The red dots show the location of core biotope records, i.e., those records on which the biotope description is based (see the data analysis section (page 17) of Connor *et al.*, 2004 for details). Blue dots show other certain records of the biotope, whilst black dots denote uncertain records of that biotope (i.e., field

records that have been tentatively assigned to the biotope - they may not match the description fully, or they may be incomplete records). Note that the distribution maps only show those records that are held on the JNCC marine database, and therefore do not reflect the full extent of the biotope.

Description

An account of the general nature of the habitat and community characteristics, and its micro-habitat features (e.g. crevices, under-boulders, kelp stipes) if present.

Situation

Describes the general situation on the shore or in the sublittoral, in relation to other types (i.e. along gradients of substratum, zonation, wave exposure, tidal currents, salinity etc.).

Temporal variation

This section outlines the known natural temporal dynamics of the type described, such as seasonal changes in community structure or physical environment. In general, much more information is needed for this section. In some cases, separate types may have been defined because there is a lack of knowledge that the communities are temporal variations within a single habitat type.

Characterising species

A list of those species which contribute most to the overall similarity between core records assigned to the type, i.e., characterise the type, with associated information on their frequency of occurrence, their individual contribution to the similarity within the core data set of records, and the typical abundance at which they occur.

For each type, characterising species have been determined using the SIMPER routine in PRIMER (Clarke & Warwick, 2001). For a given set of records (in this case, core records of each type), SIMPER indicates and ranks the individual contribution of each species to the overall similarity within the data set. Both the frequency of occurrence of each species within the dataset and their abundance (using the [SACFOR abundance scale](#)) for epifaunal data and numeric counts for infaunal data) are taken into account during this process. Species that contribute more than 1% to the overall similarity of the records within the data set are defined as 'characterising species' and listed in a characterising species table. Those that contribute less than 1% are not listed. Species which qualify according to the SIMPER routine but are Present or Rare on the MNCR SACFOR scale and present in fewer than 20% of the records, are occasionally excluded from the characterising species table.

Care has been taken to mention each of the characterising species in the descriptions for each type. Sometimes additional species are mentioned that are particularly indicative (faithful) of that type or characteristic of a biogeographic region, but which have not qualified as 'characterising species' according to the SIMPER routine.

Some of the biotope descriptions, especially in the sublittoral sediment section, have been based on a mixture of epifaunal (semi-quantitative) and infaunal (quantitative) sample data. In these cases, separate SIMPER analyses were carried out for the two types of data, and the outcome was combined into a single characterising species table. Where there is overlap between species recorded in the epifaunal and infaunal data, there are duplicate entries for species: the entries relating to the infaunal datasets have figures for "numbers per metres squared", whereas entries relating to epifaunal datasets only have SACFOR entries.

The **relative importance of taxon for defining this community** column of the table shows the contribution of each characterising species to the similarity within the type, i.e., the

higher the contribution, the higher the importance of the species. The number of species in the table reflects the species diversity within each type. In types with a high species richness, a large number of species each contribute with a relatively low amount to the similarity within the group. If a type has low diversity, then a small number of species contribute with relatively large amounts to the overall similarity and hence fewer species are listed in the table. In a few cases, a long species list indicates low overall similarity of records within the type. The appearance of characterising species is ordered by descending relative importance.

The **% of core records where taxon was recorded** column of the table shows the occurrence of a species within a certain biotope. The symbols represent percentage occurrence in the samples as follows:

- Occurs in 81-100% of the records for the type
- Occurs in 61-80% of the records for the type
- Occurs in 41-60% of the records for the type
- Occurs in 21-40% of the records for the type

The **typical abundance** column of the table shows the mean SACFOR abundance for each characterising species within the samples where it is present. Quantitative infaunal counts have been converted to the SACFOR scale for compatibility of data presentation. For types where the core records are exclusively quantitative infaunal records (e.g., most of the littoral sediment types), an additional column is included in the characterising species table, showing mean counts per m² for each species within the core data set.

The **relative frequency %** column of the table shows the specific occurrence of a species within a certain biotope where it is available. In types with a high species richness, a large number of species will have relatively low occurrences within the biotope.

Similar biotopes or habitat types

Attention is drawn to similar types which should be considered before assigning a field record to a particular biotope. The main similarities and principal distinguishing features are described for each similar biotope, and the codes are hyperlinked directly to the relevant descriptions.

Classification history of biotope or habitat type

This table shows the biotope codes used in previous versions 6.95, 96.7, 97.06, 04.05, and 15.03 (Connor *et al.* 1995, 1996, 1997 a, b, 2004, Parry *et al.* 2015). Where communities from previous versions have been combined or split, previous codes are shown as far as possible. Some communities in the revised classification are newly defined and may not relate directly to types in the previous classification. This table has been updated for the Sublittoral Sediment section only in the 2022 classification version with other sections following. [Correlation tables](#) which help to translate between 2015, 2004 and 1997 codes (and vice versa) available to download. Correlations between the new classification version 2022 and the rest of the versions (i.e., 2015, 2004, and 1997) is currently under development.

Example photographs

Where they are available, photographs are shown to illustrate the appearance of the biotope in the field.

4 References

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5 Appendix: Lexicon of code elements in v.22.04

Code element	Meaning	Type	Level	15.03 code	04.05 code	97.6 code
Aalb	<i>Abra alba</i>	Genus/species	4, 5, 6	Aalb	Aalb	Abr
Aasp	<i>Asciidiella aspersa</i>	Genus/species	4, 5, 6	Aasp	Aasp	Aasp
Abr	<i>Abra</i>	Genus/species	4, 5, 6	Abr	Abr	
Abra	<i>Acrocnida brachiata</i>	Genus/species	4, 5, 6	Abra	Abra	
Achi	<i>Amphiura chiajei</i>	Genus/species	4, 5, 6	Achi	Achi	Achi
Act	<i>Actinothoe</i>	Genus/species	4, 5, 6	Act	Act	
Adia	<i>Alcyonidium diaphanum</i>	Genus/species	4, 5, 6	Adia	Adia	Adia
Adig	<i>Alcyonium digitatum</i>	Genus/species	4, 5, 6	Adig	Adig	Alc
Afal	<i>Ampharete falcata</i>	Genus/species	4, 5, 6	Afal	Afal	Amp
Afil	<i>Amphiura filiformis</i>	Genus/species	4, 5, 6	Afil	Afil	Afil
Aglo	<i>Alcyonium glomeratum</i>	Genus/species	4, 5, 6	Aglo	Aglo	
Ahn	<i>Ahnfeltia</i>	Genus/species	4, 5, 6	Ahn	Ahn	Ahn
Airr	<i>Astropecten irregularis</i>	Genus/species	4, 5, 6	Airr	Airr	
Al	Algae/algal	Taxon group	4, 5, 6	Al	Al	Al
Ala	<i>Alaria</i>	Genus/species	4, 5, 6	Ala	Ala	Ala
Am	Amphipods	Taxon group	4, 5, 6	Am	Am	A
Amen	<i>Ascidia mentula</i>	Genus/species	4, 5, 6	Amen	Amen	Amen
Amp	<i>Ampelisca</i>	Genus/species	4, 5, 6	Amp	Amp	
Amy	<i>Amythasides</i>	Genus/species	4, 5, 6	Amy	Amy	
An	Anemones	Taxon group	4, 5, 6	An	An	An
Ang	Angiosperms	Taxon group	4, 5, 6	Ang	Ang	Ang
Anit	<i>Abra nitida</i>	Genus/species	4, 5, 6	Anit	Anit	
Ant	<i>Antedon</i>	Genus/species	4, 5, 6	Ant	Ant	Ant
Aope	<i>Aequipecten opercularis</i>	Genus/species	4, 5, 6	Aope	Aope	
Aph	<i>Aphelochaeta</i>	Genus/species	4, 5, 6	Aph	Aph	Aph
Apri	<i>Abra prismatica</i>	Genus/species	4, 5, 6	Apri	Apri	
Aps	<i>Apseudes</i>	Genus/species	4, 5, 6	Aps	Aps	
Are	<i>Arenicola</i>	Genus/species	4, 5, 6	Are	Are	Are
As	Ascidians	Taxon group	4, 5, 6	As	As	As
Asc	<i>Ascophyllum</i>	Genus/species	4, 5, 6	Asc	Asc	Asc
Ascmac	<i>Ascophyllum nodosum ecad mackaii</i>	Genus/species	4, 5, 6	Ascmac	Ascmac	Asc*mac
Asqu	<i>Amphipholis squamata</i>	Genus/species	4, 5, 6	Asqu	Asqu	
Axi	Axinellid sponges	Taxon group	4, 5, 6	Axi	Axi	Axi
B	Barnacles	Taxon group	4, 5, 6	B	B	B
B	Biogenic [reefs]	Community feature	2, 3	B	B	
Bal	<i>Balanus</i>	Genus/species	4, 5, 6	Bal	Bal	Bal
Bar	Barren	Community feature	4, 5, 6	Bar	Bar	Bar
Bat	<i>Bathyporeia</i>	Genus/species	4, 5, 6	Bat	Bat	Bat

Code element	Meaning	Type	Level	15.03 code	04.05 code	97.6 code
Beg	<i>Beggiatoa</i>	Genus/species	4, 5, 6	Beg	Beg	Beg
Bif	<i>Bifurcaria</i>	Genus/species	4, 5, 6	Bif	Bif	Bif
Blan	<i>Branchiostoma lanceolatum</i>	Genus/species	4, 5, 6	Blan	Blan	Bra
Bli	<i>Blidingia</i>	Genus/species	4, 5, 6	Bli	Bli	Bli
Blyr	<i>Brissopsis lyrifera</i>	Genus/species	4, 5, 6	Blyr	Blyr	Bri
Bo	Boulders	Habitat factor	4, 5, 6	Bo	Bo	Bo
Bon	<i>Bonnemaisonia</i>	Genus/species	4, 5, 6	Tra	Tra	Tra
Br	Brachiopods	Taxon group	4, 5, 6	Br	Br	Br
Bri	Brittlestars	Taxon group	4, 5, 6	Bri	Bri	Bri
Bug	<i>Bugula</i>	Genus/species	4,5,6	Bug	Bug	Bug
By	Bryozoans	Taxon group	4, 5, 6	By	By	By
C	Circolittoral	Habitat factor	2, 3	C	C	C
C	Coarse [sediment]	Habitat factor	2, 3	C	C	
Cap	<i>Capitella</i>	Genus/species	4, 5, 6	Cap	Cap	Cap
Cape	Cape-form (kelp)	Community feature	4, 5, 6	Cape	Cape	
Car	<i>Caryophyllia</i>	Genus/species	4, 5, 6	Car	Car	Car
Care	<i>Corophium arenarium</i>	Genus/species	4, 5, 6	Care	Care	Cor
Cb	Cobble	Habitat factor	4, 5, 6	Cb	Cb	
CC	Crustose coralline algae	Taxon group	4, 5, 6	CC	CC	CC
Ccas	<i>Cordylophora caspia</i>	Genus/species	4, 5, 6	Ccas	Ccas	Cor
Ccor	<i>Clathrina coriacea</i>	Genus/species	4, 5, 6	Ccor	Ccor	Cla
Cer	<i>Cerastoderma</i>	Genus/species	4, 5, 6	Cer	Cer	Cer
Cha	<i>Chara</i>	Genus/species	4, 5, 6	Cha	Cha	
Cho	<i>Chorda</i>	Genus/species	4, 5, 6	Cho	Cho	Cho
Chr	<i>Chrysophyceae</i>	Taxon group	4, 5, 6	Chr	Chr	Chr
Cht	<i>Chthamalus</i>	Genus/species	4, 5, 6	Cht	Cht	Cht
Cio	<i>Ciona</i>	Genus/species	4, 5, 6	Cio	Cio	Cio
Cir	Cirratulid polychaetes	Taxon group	4, 5, 6	Cir	Cir	
Cla	<i>Cladophora rupestris</i>	Genus/species	4, 5, 6	Cla	Cla	
Cillo	<i>Cerianthus lloydii</i>	Genus/species	4, 5, 6	Cillo	Cillo	
Co	Colonial [ascidians]	Community feature	4, 5, 6	Co	Co	
Cod	<i>Codium</i>	Genus/species	4, 5, 6	Cod	Cod	Cod
Coff	<i>Corallina officinalis</i>	Genus/species	4, 5, 6	Coff	Coff	Coff & Cor
Con	<i>Conopeum</i>	Genus/species	4, 5, 6	Con	Con	Con
Cor	Corallinaceae/coralline	Taxon group	4, 5, 6	Cor	Cor	Cor
Cr	Crusts/crustose	Community feature	4, 5, 6	Cr	Cr	C
Cre	<i>Crepidula</i>	Genus/species	4, 5, 6	Cre	Cre	Cre
Cri	<i>Crisiid</i> bryozoans	Taxon group	4, 5, 6	Cri	Cri	Cri
Crl	Coral (reefs e.g. <i>Lophelia</i>)	Taxon group	4, 5, 6	Crl	Crl	
CrSp	Crustose sponges	Taxon group	4, 5, 6	CrSp	CrSp	SC
Cset	<i>Chaetozone setosa</i>	Genus/species	4, 5, 6	Cset	Cset	

Code element	Meaning	Type	Level	15.03 code	04.05 code	97.6 code
Cu	Cushion [sponges]	Community feature	4, 5, 6	Cu	Cu	CuS
Cum	Cumaceans	Taxon group	4, 5, 6	Cum	Cum	
Cund	<i>Cylista undata</i>	Genus/species	4, 5, 6	Sund	Sund	
Cup	Cup corals (<i>Scleractinia</i>)	Taxon group	4, 5, 6	Cup	Cup	Cup
Cv	Caves	Habitat factor	4, 5, 6	Cv	Cv	Cv
Cvir	<i>Corynactis viridis</i>	Genus/species	4, 5, 6	Cvir	Cvir	Cor
Cvol	<i>Corophium volutator</i>	Genus/species	4, 5, 6	Cvol	Cvol	Cor
Cyl	<i>Cylsita</i>	Genus/species	4, 5, 6	Sag	Sag	
Cys	<i>Cystoseira</i>	Genus/species	4, 5, 6	Cys	Cys	Cys
Den	<i>Dendrodoa</i>	Genus/species	4, 5, 6	Den	Den	Den
Des	<i>Desmarestia</i>	Genus/species	4, 5, 6	Des	Des	
Dic	<i>Dictyopteris</i>	Genus/species	4, 5, 6	Dic	Dic	Dic
Dp	Deep (circalittoral)	Habitat factor	4, 5, 6	Dp	Dp	
Dys	<i>Dysidea</i>	Genus/species	4, 5, 6	Dys	Dys	
Ec	Echinoderms	Taxon group	4, 5, 6	Ec	Ec	
Ech	<i>Echinogammarus</i>	Genus/species	4, 5, 6	Pec	Pec	Pec
Ecor	<i>Echinocardium cordatum</i>	Genus/species	4, 5, 6	Ecor	Ecor	Ecor
Edef	<i>Eudorellopsis deformis</i>	Genus/species	4, 5, 6	Edef	Edef	
Edw	<i>Edwardsia</i>	Genus/species	4, 5, 6	Edw	Edw	Edw
Ein	<i>Einhornia</i>	Genus/species	4, 5, 6	Ele	Ele	Ele
Ens	<i>Ensis</i>	Genus/species	4, 5, 6	Ens	Ens	Ens
Eph	Ephemeral (seaweeds)	Community feature	4, 5, 6	Eph	Eph	Eph
Epus	<i>Echinocyamus pusillus</i>	Genus/species	4, 5, 6	Epus	Epus	
Er	Erect [sponges]	Community feature	4, 5, 6	Er	Er	ErS
Est	Estuarine	Habitat factor	4, 5, 6	Est	Est	Est
Ete	<i>Eteone</i>	Genus/species	4, 5, 6	Ete	Ete	
Eten	<i>Ennucula tenuis</i>	Genus/species	4, 5, 6	Nten	Nten	
Eud	<i>Eudendrium</i>	Genus/species	4, 5, 6	Eud	Eud	Eud
Eun	<i>Eunicella</i>	Genus/species	4, 5, 6	Eun	Eun	Eun
Eur	<i>Eurydice</i>	Genus/species	4, 5, 6	Eur	Eur	Eur
F	Features (e.g. rockpools, caves)	Habitat factor	2, 3	F	F	
F	Fucoids	Taxon group	4, 5, 6	F	F	F
F	Full [salinity] (=marine)	Habitat factor	4, 5, 6	F	F	FS
Fa	Fauna/faunal	Taxon group	4, 5, 6	Fa	Fa	Fa
Fab	<i>Fabricia</i>	Genus/species	4, 5, 6	Fab	Fab	Fab
Fcer	<i>Fucus ceranoides</i>	Genus/species	4, 5, 6	Fcer	Fcer	Fcer
Fdis	<i>Fucus distichus</i>	Genus/species	4, 5, 6	Fdis	Fdis	Fdis
Ffab	<i>Fabulina fabula</i>	Genus/species	4, 5, 6	Ffab	Ffab	
Fi	Fine [sand or mud]	Habitat factor	4, 5, 6	Fi	Fi	
Fil	Filamentous (seaweeds)	Community feature	4, 5, 6	Fil	Fil	Fi
Flu	<i>Flustra</i>	Genus/species	4, 5, 6	Flu	Flu	Flu

Code element	Meaning	Type	Level	15.03 code	04.05 code	97.6 code
Fo	Foliose (seaweeds)	Community feature	4, 5, 6	Fo	Fo	Fo
For	Foraminiferans	Taxon group	4, 5, 6	For	For	For
Fou	Fouling	Community feature	4, 5, 6	Fou	Fou	
Fser	<i>Fucus serratus</i>	Genus/species	4, 5, 6	Fser	Fser	Fser
Fserr	<i>Fucus serratus</i>	Genus/species	4, 5, 6	Fserr	Fserr	Fserr
Fspi	<i>Fucus spiralis</i>	Genus/species	4, 5, 6	Fspi	Fspi	Fspi
Ft	Forest (kelp)	Community feature	4, 5, 6	Ft	Ft	Ft
Fun	<i>Funiculina</i>	Genus/species	4, 5, 6	Fun	Fun	Fun
Fur	<i>Furcellaria</i>	Genus/species	4, 5, 6	Fur	Fur	Fur
Fves	<i>Fucus vesiculosus</i>	Genus/species	4, 5, 6	Fves	Fves	Fves
G	Green seaweeds (Chlorophyceae)	Taxon group	4, 5, 6	G	G	G
G	Gully [surge gully]	Habitat factor	4, 5, 6	G	G	G
Gam	<i>Gammarus</i>	Genus/species	4, 5, 6	Gam	Gam	
Glap	<i>Glycera lapidum</i>	Genus/species	4, 5, 6	Glap	Glap	
Gra	<i>Gracilaria</i>	Genus/species	4, 5, 6	Gra	Gra	
Gv	Gravel/gravelly	Habitat factor	4, 5, 6	Gv	Gv	
Gz	Grazed (seaweed communities)	Community feature	4, 5, 6	Gz	Gz	Gz
H	High energy (very wave/tide exposed)	Habitat factor	2, 3	H	H	E
H	Hydroids	Taxon group	4, 5, 6	H	H	H
Hal	<i>Halidrys</i>	Genus/species	4, 5, 6	Hal	Hal	Hal
Hap	Haptophyceae	Taxon group	4, 5, 6	Hap	Hap	
Har	<i>Hartlaubella</i>	Genus/species	4, 5, 6	Har	Har	Har
Hbow	<i>Halichondria bowerbanki</i>	Genus/species	4, 5, 6	Hbow	Hbow	Hbow
Hchr	<i>Halcompa chrysanthellum</i>	Genus/species	4, 5, 6	Hchr	Hchr	Hal
Hed	<i>Hediste</i>	Genus/species	4, 5, 6	Hed	Hed	Hed
Helo	<i>Hesionura elongata</i>	Genus/species	4, 5, 6	Helo	Helo	
Het	<i>Heteromastus</i>	Genus/species	4, 5, 6	Het	Het	
Hia	<i>Hiatella</i>	Genus/species	4, 5, 6	Hia	Hia	Hia
Hil	<i>Hildenbrandia</i>	Genus/species	4, 5, 6	Hil	Hil	
Him	<i>Himanthalia</i>	Genus/species	4, 5, 6	Him	Him	Him
Ho	Holothurians	Taxon group	4, 5, 6	Ho	Ho	Ho
Hocu	<i>Haliclona oculata</i>	Genus/species	4, 5, 6	Hocu	Hocu	Hocu
Hyd	<i>Hydrallmania</i>	Genus/species	4, 5, 6	Hyd	Hyd	Hyd
I	Infralittoral	Habitat factor	2, 3	I	I	I
K	Kelps	Taxon group	4, 5, 6	K	K	K
Kur	<i>Kurtiella</i>	Genus/species	4, 5, 6	Mys	Mys	
L	Littoral	Habitat factor	2, 3	L	L	L
L	Low [salinity]	Habitat factor	4, 5, 6	L	L	
L	Low energy (wave/tide sheltered)	Habitat factor	2, 3	L	L	S

Code element	Meaning	Type	Level	15.03 code	04.05 code	97.6 code
Lag	Lagoonal (low or reduced salinity)	Habitat factor	4, 5, 6	Lag	Lag	Lag
Lan	<i>Lanice</i>	Genus/species	4, 5, 6	Lan	Lan	Lan & Lcon
Lcor	<i>Lithothamnion corallioides</i>	Genus/species	4, 5, 6	Lcor	Lcor	Lcor
Ldig	<i>Laminaria digitata</i>	Genus/species	4, 5, 6	Ldig	Ldig	Ldig
Lev	<i>Levinsenia</i>	Genus/species	4, 5, 6	Lev	Lev	
Lfas	<i>Lithophyllum fasciculatum</i>	Genus/species	4, 5, 6	Lfas	Lfas	Lfas
Lg	Large (solitary) [ascidians]	Community feature	4, 5, 6	Lg	Lg	SoAs
Lgla	<i>Lithothamnion glaciale</i>	Genus/species	4, 5, 6	Lgla	Lgla	Lgla
Lhof	<i>Limnodrilus hoffmeisteri</i>	Genus/species	4, 5, 6	Lhof	Lhof	Lim
Lhyp	<i>Laminaria hyperborea</i>	Genus/species	4, 5, 6	Lhyp	Lhyp	Lhyp
Lic	Lichens	Taxon group	4, 5, 6	Lic	Lic	L
Lim	<i>Limaria</i>	Genus/species	4, 5, 6	Lim	Lim	Lim
Lit	<i>Littorina</i>	Genus/species	4, 5, 6	Lit	Lit	
Lkor	<i>Lagis koreni</i>	Genus/species	4, 5, 6	Lkor	Lkor	
Loch	<i>Laminaria ochroleuca</i>	Genus/species	4, 5, 6	Loch	Loch	Loch
Lop	<i>Lophelia pertusa</i>	Genus/species	4, 5, 6	Lop	Lop	Lop
Lpyg	<i>Lichina pygmaea</i>	Genus/species	4, 5, 6	Lpyg	Lpyg	Lic
Lum	<i>Lumbrineris</i>	Genus/species	4, 5, 6	Lum	Lum	
M	Mid [estuarine]	Habitat factor	4, 5, 6	M	M	
M	Moderate energy (Moderately wave/tide exposed)	Habitat factor	2, 3	M	M	M
Mac	<i>Macoma balthica</i>	Genus/species	4, 5, 6	Mac		
Mag	<i>Magelona</i>	Genus/species	4, 5, 6	Mag	Mag	Mag
Mal	Maldanid polychaetes	Taxon group	4, 5, 6	Mal	Mal	
Mas	<i>Mastocarpus</i>	Genus/species	4, 5, 6	Mas	Mas	Mas
Max	<i>Maxmuelleria</i>	Genus/species	4, 5, 6	Max	Max	
Mdis	<i>Musculus discors</i>	Genus/species	4, 5, 6	Mdis	Mdis	Mus
Med	<i>Mediomastus</i>	Genus/species	4, 5, 6	Med	Med	
Meg	Megafauna (burrowing)	Community feature	4, 5, 6	Meg	Meg	Meg
Mel	<i>Mellina</i>	Genus/species	4, 5, 6	Mel	Mel	
Mo	Mobile	Habitat factor	4, 5, 6	Mo	Mo	Mob
Mod	<i>Modiolus</i>	Genus/species	4, 5, 6	Mod	Mod	Mod
Moe	<i>Moerella</i>	Genus/species	4, 5, 6	Moe	Moe	
Mol	<i>Molgula</i>	Genus/species	2, 3	Mol	Mol	Mol
Mp	Macrophytes (angiosperms or seaweeds)	Taxon group	4, 5, 6	Mp	Mp	
Mrl	Maerl	Taxon group	4, 5, 6	Mrl	Mrl	Mrl
Msen	<i>Metridium senile</i>	Genus/species	4, 5, 6	Msen	Msen	Met
Msim	<i>Microphthalmus similis</i>	Genus/species	2, 3	Msim	Msim	
Mten	<i>Macomangulus tenuis</i>	Genus/species	4, 5, 6	Aten	Aten	
Mu	Mud/muddy [sand]	Habitat factor	4, 5, 6	Mu	Mu	MU

Code element	Meaning	Type	Level	15.03 code	04.05 code	97.6 code
Mus	Mussels	Taxon group	4, 5, 6	Mus	Mus	M
MuSa	Muddy sand	Habitat factor	2, 3, 4, 5, 6	MuSa	MuSa	MS
Mvar	<i>Mimachlamys varia</i>	Genus/species	4, 5, 6	Cvar	Cvar	Cvar
Mx	Mixed sediments (mixtures of gravel, sand & mud, often with shell, pebble & cobble)	Habitat factor	4, 5, 6	Mx	Mx	MX & Mx
Myr	<i>Myrtea</i>	Genus/species	4, 5, 6	Myr	Myr	
Myt	<i>Mytilus</i>	Genus/species	4, 5, 6	Myt	Myt	Myt
Ncir	<i>Nephtys cirrosa</i>	Genus/species	4, 5, 6	Ncir	Ncir	Ncir
Nem	<i>Nemertesia</i>	Genus/species	4, 5, 6	Nem	Nem	Nem
Nhom	<i>Nephtys hombergii</i>	Genus/species	4, 5, 6	Nhom	Nhom	Nhom
Nint	<i>Neomysis integer</i>	Genus/species	4, 5, 6	Nint	Nint	Neo
Nmix	<i>Neopentadactyla mixta</i>	Genus/species	4, 5, 6	Nmix	Nmix	Neo
Nov	<i>Novocrania</i>	Genus/species	4, 5, 6	Neo	Neo	Neo
Nuc	<i>Nucula</i>	Genus/species	2, 3	Nuc	Nuc	Nuc
O	Offshore circalittoral	Habitat factor	4, 5, 6	O	O	CO
Obor	<i>Ophelia borealis</i>	Genus/species	4, 5, 6	Obor	Obor	
Ocn	<i>Ocnus</i>	Genus/species	4, 5, 6	Ocn	Ocn	Ocn
Odub	<i>Ophryotrocha dubia</i>	Genus/species	4, 5, 6	Odub	Odub	
Ofus	<i>Owenia fusiformis</i>	Genus/species	4, 5, 6	Ofus	Ofus	
OI	Oligochaetes	Taxon group	4, 5, 6	OI	OI	OI
Ooph	<i>Ophiura ophiura</i>	Genus/species	4, 5, 6		Osm	Osm
Oph	<i>Ophiura</i>	Genus/species	4, 5, 6	Oph	Oph	Oph
Osm	<i>Osmundea</i>	Genus/species	4, 5, 6	Osm		
Ost	<i>Ostrea</i>	Genus/species	4, 5, 6	Ost	Ost	Ost
Ov	Overhangs	Habitat factor	4, 5, 6	Ov	Ov	Ov
Pal	<i>Palmaria</i>	Genus/species	4, 5, 6	Pal	Pal	Pal
Par	<i>Paracentrotus</i>	Genus/species	4, 5, 6	Par	Par	Par
Paur	<i>Polyclinum aurantium</i>	Genus/species	4, 5, 6	Paur	Paur	Paur
Pb	Pebbles	Habitat factor	4, 5, 6	Pb	Pb	
Pcal	<i>Phymatolithon calcareum</i>	Genus/species	4, 5, 6	Pcal	Pcal	Phy
Pcom	<i>Porella compressa</i>	Genus/species	4, 5, 6	Pcom	Pcom	
Pcri	<i>Phyllophora crispa</i>	Genus/species	4, 5, 6	Pcri	Pcri	Pcri
Pel	<i>Pelvetia</i>	Genus/species	4, 5, 6	Pel	Pel	Pel
Pen	<i>Pentapora</i>	Genus/species	4, 5, 6	Pen	Pen	
Pful	<i>Paraonis fulgens</i>	Genus/species	4, 5, 6	Pful	Pful	
Pha	<i>Phakellia</i>	Genus/species	4, 5, 6	Pha	Pha	Pha
Phi	<i>Philine</i>	Genus/species	4, 5, 6	Phi	Phi	Phi
Phy	<i>Phyllophora</i>	Genus/species	4, 5, 6	Phy	Phy	Phy
Pid	Piddocks (bivalves)	Taxon group	4, 5, 6	Pid	Pid	Pid
Pil	<i>Pilinia</i>	Genus/species	4, 5, 6	Pil	Pil	
Pjef	<i>Paramphinome jeffreysii</i>	Genus/species	4, 5, 6	Pjef	Pjef	

Code element	Meaning	Type	Level	15.03 code	04.05 code	97.6 code
Pk	Park (kelp)	Community feature	4, 5, 6	Pk	Pk	Pk
Pkef	<i>Protodorvillea kefersteini</i>	Genus/species	4, 5, 6	Pkef	Pkef	
Plon	<i>Photis longicaudata</i>	Genus/species	4, 5, 6	Plon	Plon	
Pmax	<i>Pecten maximus</i>	Genus/species	2, 3	Pmax	Pmax	
Pnk	Plankton	Taxon group	4, 5, 6	Pnk	Pnk	
Po	Polychaetes	Taxon group	4, 5, 6	Po	Po	P
Pol	<i>Polydora</i>	Genus/species	4, 5, 6	Pol	Pol	Pol
Pon	<i>Pontocrates</i>	Genus/species	4, 5, 6	Pon	Pon	Pon
Por	<i>Porphyra</i>	Genus/species	4, 5, 6	Por	Por	Por
Ppel	<i>Phaxas pellucidus</i>	Genus/species	4, 5, 6	Ppel	Ppel	
Ppin	<i>Parvicardium pinnulatum</i>	Genus/species	4, 5, 6	Pova	Pova	Par
Pra	<i>Prasiola</i>	Genus/species	4, 5, 6	Pra	Pra	Pra
Pro	<i>Protanthea</i>	Genus/species	4, 5, 6	Pro	Pro	Pro
Prot	<i>Polyides rotunda</i>	Genus/species	4, 5, 6	Prot	Prot	Pol
Psa	<i>Psammechinus</i>	Genus/species	4, 5, 6	Psa	Psa	Psa
Pse	<i>Pseudamussium</i>	Genus/species	4, 5, 6	Pse	Pse	
Puly	<i>Patella ulyssiponensis</i>	Genus/species	4, 5, 6	Puly	Puly	
R	Red seaweeds (Rhodophyceae)	Taxon group	4, 5, 6	R	R	R
R	Reduced [salinity]	Habitat factor	2, 3	R	R	RS
R	Reef (biogenic)	Habitat factor	2, 3	R	R	
R	Rock (bedrock, boulders, stable cobbles & pebbles)	Habitat factor	4, 5, 6	R	R	R
Rho	<i>Rhodothamniella</i>	Genus/species	4, 5, 6	Rho	Rho	Rho
Rkp	Rockpools	Habitat factor	4, 5, 6	Rkp	Rkp	Rkp
Rpur	<i>Rhodochoriton purpurea</i>	Genus/species	4, 5, 6	Aud	Aud	
Rup	<i>Ruppia</i>	Genus/species	4, 5, 6	Rup	Rup	Rup
S	Salinity (Full, Variable, Reduced, Low)	Habitat factor	2, 3	S	S	S
S	Sediment	Habitat factor	2, 3, 4, 5, 6	S	S	S
S	Sublittoral	Habitat factor	4, 5, 6	S	S	S
S	Surge [gully]	Habitat factor	2, 3, 4, 5, 6	S	S	SG
Sa	Sands/sandy [mud]	Habitat factor	4, 5, 6	Sa	Sa	Snd & S
Sab	<i>Sabellaria</i>	Genus/species	4, 5, 6	Sab	Sab	Sab
Sac	<i>Saccorhiza</i>	Genus/species	4, 5, 6	Sac	Sac	Sac
Salv	<i>Sabellaria alveolata</i>	Genus/species	4, 5, 6	Salv	Salv	Salv
SaMu	Sandy mud	Habitat factor	4, 5, 6	SaMu	SaMu	SMu
Sar	<i>Sargassum</i>	Genus/species	4, 5, 6	Sar	Sar	Sar
Sco	<i>Scolelepis</i>	Genus/species	4, 5, 6	Sco	Sco	
Scr	Scoured	Habitat factor	4, 5, 6	Scr	Scr	Scr
Scr	<i>Scrobicularia plana</i>	Genus/species	4, 5, 6	Scr	Scr	
Scup	<i>Sertularia cupressina</i>	Genus/species	4, 5, 6	Scup	Scup	Scup
Sec	<i>Securiflustra</i>	Genus/species	4, 5, 6	Sec	Sec	Sec

Code element	Meaning	Type	Level	15.03 code	04.05 code	97.6 code
Sed	Sediment	Habitat factor	4, 5, 6	Sed	Sed	Sed
Sem	<i>Semibalanus</i>	Genus/species	4, 5, 6	Sem	Sem	Sem
Ser	<i>Serpula</i>	Genus/species	4, 5, 6	Ser	Ser	Ser
Sf	Soft [rock]	Habitat factor	4, 5, 6	Sf	Sf	SfR
Sgr	Seagrass	Taxon group	4, 5, 6	Sgr	Sgr	Sgr
Sh	Shingle	Habitat factor	4, 5, 6	Sh	Sh	Sh
Slat	<i>Saccharina latissima</i>	Genus/species	4, 5, 6	Lsac	Lsac	Lsac
Sm	Saltmarsh	Taxon group	4, 5, 6	Sm	Sm	Sm
Sm	Small (solitary) [ascidians]	Community feature	4, 5, 6	Sm	Sm	
Sp	Sponges	Taxon group	4, 5, 6	Sp	Sp	S
Spav	<i>Sabella pavonina</i>	Genus/species	4, 5, 6	Spav	Spav	
Spi	<i>Spirobranchus</i>	Genus/species	4, 5, 6	Pom	Pom	Pom
Spn	Seapens	Taxon group	4, 5, 6	Spn	Spn	Sp
Sspi	<i>Sabellaria spinulosa</i>	Genus/species	4, 5, 6	Sspi	Sspi	Sspi
St	Strandline	Habitat factor	4, 5, 6	St	St	
Str	<i>Streblospio</i>	Genus/species	4, 5, 6	Str	Str	
Sty	<i>Styela</i>	Genus/species	4, 5, 6	Sty	Sty	Sty
Sub	<i>Suberites</i>	Genus/species	4, 5, 6	Sub	Sub	Sub
Sw	Seaweeds	Taxon group	4, 5, 6	Sw	Sw	Sw
Swi	<i>Swiftia</i>	Genus/species	4, 5, 6	Swi	Swi	Swi
T	Tide-swept	Habitat factor	4, 5, 6	T	T	T
Tal	Talitrid amphipods	Taxon group	4, 5, 6	Tal	Tal	Tal
Tb	Tube/tube-building	Community feature	4, 5, 6	Tb	Tb	Tube
Tben	<i>Tubificoides benedii</i>	Genus/species	4, 5, 6	Tben	Tben	Tub
Tf	Turf	Community feature	4, 5, 6	Tf	Tf	Tf
Thy	<i>Thyasira</i>	Genus/species	4, 5, 6	Thy	Thy	Thy
Ttub	<i>Tubifex tubifex</i>	Genus/species	4, 5, 6	Ttub	Ttub	Ttub
Tub	<i>Tubularia indivisa</i>	Genus/species	4, 5, 6	Tub	Tub	Tub
Tubi	<i>Tubificoides</i>	Genus/species	4, 5, 6	Tubi	Tubi	Tub
U	Upper [estuarine]	Habitat factor	4, 5, 6	U	U	
Ulo	<i>Ulothrix</i>	Genus/species	4, 5, 6	Ulo	Ulo	Ulo
Ulv	<i>Ulva</i>	Genus/species	4, 5, 6	Ent	Ent	Ent
Uro	<i>Urospora</i>	Genus/species	4, 5, 6	Uro	Uro	Uro
Urt	<i>Urticina</i>	Genus/species	4, 5, 6	Urt	Urt	Urt
V	Variable [salinity]	Habitat factor	4, 5, 6	V	V	VS
Vcor	<i>Venerupis corrugata</i>	Genus/species	4, 5, 6	Vsen	Vsen	Vsen
Ven	Venerid bivalves	Taxon group	4, 5, 6	Ven	Ven	Ven
Ver	<i>Verrucaria</i>	Genus/species	4, 5, 6	Ver	Ver	Ver
Vir	<i>Virgularia</i>	Genus/species	4, 5, 6	Vir	Vir	Vir
Vmuc	<i>Verrucaria mucosa</i>	Genus/species	4, 5, 6	Vmuc	Vmuc	
Vt	Vertical	Habitat factor	2, 3	Vt	Vt	V
WC	Water column	Habitat factor	4, 5, 6	WC	WC	

Code element	Meaning	Type	Level	15.03 code	04.05 code	97.6 code
X	Mixed (rocky) substrata (boulders, stones & sediment mixtures)	Habitat factor	4, 5, 6	X	X	X
XFa	Mixed fauna	Taxon group	4, 5, 6	XFa	XFa	XFa
XFoR	Mixed foliose red seaweeds	Taxon group	4, 5, 6	XFoR	XFoR	
XK	Mixed kelps	Taxon group	4, 5, 6	XK	XK	XK
YG	Yellow & grey lichens	Taxon group	4, 5, 6	YG	YG	YG
Zmar	<i>Zostera marina</i>	Genus/species	4, 5, 6	Zmar	Zmar	Zmar
Znol	<i>Zostera noltei</i>	Genus/species	1	Znol	Znol	Znol
M	Marine	Habitat factor	2	M		
AtUB	Atlantic upper bathyal	Habitat factor	2	AtUB		
AtMB	Atlantic mid bathyal	Habitat factor	2	AtMB		
AtLB	Atlantic lower bathyal	Habitat factor	2	AtLB		
AtUA	Atlantic upper abyssal	Habitat factor	2	AtUA		
AtMA	Atlantic mid abyssal	Habitat factor	2	AtMA		
AtLA	Atlantic lower abyssal	Habitat factor	2	AtLA		
ArMB	Arctic mid bathyal	Habitat factor	2	ArMB		
ArLB	Arctic lower bathyal	Habitat factor	2	ArLB		
ArUA	Arctic upper abyssal	Habitat factor	2	ArUA		
AAUB	Atlanto-Arctic upper bathyal	Habitat factor	3	AAUB		
Ro	Rock [in deep sea section]	Habitat factor	3	Ro		
Co	Coarse [sediment - in deep sea section]	Habitat factor	3	Co		
Bi	Biogenic [structure - in deep sea section]	Habitat factor	4	Bi		
BarCom	Barnacle [dominated] community	Community feature	4	BarCom		
BraCom	Brachiopod [dominated] community	Community feature	4	BraCom		
DeeSpo	Deep sponge [aggregation]	Community feature	4	DeeSpo		
MixCor	Mixed [cold water] coral [community]	Community feature	4	MixCor		
SpaEnc	Sparse encrusting [community]	Community feature	4	SpaEnc		
CriCom	Crinoid [dominated] community	Community feature	4	CriCom		
SolScI	Solitary scleractinian [field]	Community feature	4	SolScI		
UrcCom	Urchin [dominated] community	Community feature	4	UrcCom		
BurOph	Burrowing ophiuroid [community]	Community feature	4	BurOph		
InfPol	[Mixed] infauna [dominated by] polychaetes	Community feature	4	InfPol		
SurOph	Surface [dwelling] ophiuroid [community]	Community feature	4	SurOph		
SpnMeg	Sea pens [and burrowing] megafauna	Community feature	4	SpnMeg		
CorRee	[Cold water] coral reef	Community feature	4	CorRee		

Code element	Meaning	Type	Level	15.03 code	04.05 code	97.6 code
XenCom	Xenophyophore [dominated] community	Community feature	4	XenCom		
BurAne	Burrowing anemone [field]	Community feature	4	BurAne		
EreCor	Erect coral [field]	Community feature	4	EreCor		
HolCom	Holothurian [dominated] community	Community feature	5	HolCom		
BatHir	<i>Bathylasma hirsutum</i>	Genus/species	5	BatHir		
DalSep	<i>Dallina septigera</i>	Genus/species	5	DalSep		
RetAxi	<i>Reteporella</i> and <i>Axinellid</i> [sponges]	Genus/species	5	RetAxi		
SpoSty	[Lobose] sponge and stylasterid [assemblage]	Genus/species	5	SpoSty		
DisLop	Discrete <i>Lophelia</i> [pertusa colonies]	Genus/species	5	DisLop		
PsoAno	<i>Psolus</i> [squamatus], <i>Anomiidae</i>	Genus/species	5	PsoAno		
PsoSpo	<i>Psolus</i> [squamatus and encrusting] sponge [assemblage]	Genus/species	5	PsoSpo		
LepCel	<i>Leptometra celtica</i>	Genus/species	5	LepCel		
CarAct	<i>Caryophyllia</i> [smithii] and <i>Actinauge</i> [richardi]	Genus/species	5	CarAct		
SpoSer	[Pale encrusting] sponges and serpulids	Genus/species	5	SpoSer		
SquRub	Squat [lobster assemblage on <i>Lophelia</i>] rubble	Genus/species	5	SquRub		
CidUrc	<i>Cidarid urchin</i>	Genus/species	5	CidUrc		
GraAcu	<i>Gracilechinus acutus</i> [norvegicus]	Genus/species	5	GraAcu		
KopFie	<i>Kophobelemnion fields</i>	Genus/species	5	KopFie		
LopFra	<i>Lophelia</i> [pertusa reef] framework	Genus/species	5	LopFra		
LopPer	[live] <i>Lophelia pertusa</i> [reef]	Genus/species	5	LopPer		
SyrFra	<i>Syringamina fragilissima</i>	Genus/species	5	SyrFra		
CerAne	<i>Cerianthid anemones</i>	Genus/species	5	CerAne		
PheCar	<i>Pheronema carpenteri</i>	Genus/species	5	PheCar		
AcaArb	<i>Acanella arbuscula</i>	Genus/species	5	AcaArb		
DisSol	Discrete <i>Solenosmilia</i> [variabilis colonies]	Genus/species	5	DisSol		
GraAle	<i>Gracilechinus alexandri</i>	Genus/species	5	GraAle		
OphCer	<i>Ophiomusium</i> [lymani] and <i>cerianthid</i> [anemones]	Genus/species	5	OphCer		
SolFra	<i>Solenosmilia</i> [variabilis reef] framework	Genus/species	5	SolFra		
SolVar	<i>Solenosmilia variabilis</i>	Genus/species	5	SolVar		
HygPet	<i>Hygrosoma petersii</i>	Genus/species	5	HygPet		
ThaJun	<i>Thaumatocrinus jungersenii</i>	Genus/species	5	ThaJun		
PsyLon	<i>Psycropotes longicauda</i>	Genus/species	5	PsyLon		
HelGla	<i>Heliometra glacialis</i>	Genus/species	5	HelGla		



Code element	Meaning	Type	Level	15.03 code	04.05 code	97.6 code
CorGer	<i>Corymorpha, Gersemia</i>	Genus/species	5	CorGer		
GeoSpo	<i>Geodia [and other massive] sponges</i>	Genus/species	5	GeoSpo		