**Supporting Information**

**Supplementary Table 1**

Grey and peer review sources (including snowballing) identified as part of systematic review but potentially of interest but unavailable for inclusion in analysis due to lack of active links as of 01/01/2023.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Title** | **Pub year** | **Authors** | **Publisher** |
| 1 | A view of the present state of the Scilly Islands. | 1822 | Woodley, G. | NA/Unknown |
| 2 | Line-fishing off the Scilly Isles.  | 1866 | Smart, R. W.J. | NA/Unknown |
| 3 | The marine shells of Scilly. | 1896 | Marshall, J. T. | NA/Unknown |
| 4 | On the marine fauna of the Isles of Scilly. I. The pelagic fauna. II. The shore fauna. | 1903 | Browne, E. T., & Vallentin, R.  | Royal Institute Cornwall |
| 5 | Additional notes on the fauna of the Scilly Islands. | 1907 | Vallentin | Royal Institute Cornwall |
| 6 | A survey of the low-tide flats of the Isles of Scilly. Exeter University report to the Nature Conservancy Council. | 1982 | Nichols, D. and Harris, T., | Nature Conservancy Council |
| 7 | Sublittoral survey of the Isles of Scilly: July 2 nd to 16th , 1983. A report to the Nature Conservancy Council from the Field Studies Council, Oil Pollution Research Unit. | 1984 | Hiscock, K.  | Nature Conservancy Council |
| 8 | Study of Echinus esculentus 1. populations in the Isles ofScilly, October 1984. Report to the Nature Conservancy Council | 1985 | Bishop, G.M., | Nature Conservancy Council |
| 9 | Study of Echinus. esculentus 1. populations in the Isles of Scilly, September, 1985 Institute of Offshore Engineering report to the Nature Conservancy Council. | 1986 | Bishop, G.M., | Nature Conservancy Council |
| 10 | Sublittoral moniotring in the Isles of Scilly:1987 and 1988. | 1990 | Fowler | Nature Conservancy Council |
| 11 | Coral Cay Conservation Sub-Aqua Club Isles of Scilly 1993 Expedition Report.  | 1996 | Cleator, B., Nunny, R. & Mackenzie, G.  | Coral Cay Conservation Sub-Aqua Club, London |
| 12 | Report on the Coral Cay Conservation Sub-Aqua Club 1999 Expedition to the Isles of Scilly. | 2000 | Cook, K. | Coral Cay Conservation Sub-Aqua Club, London |
| 13 | Report on the Coral Cay Conservation Sub-Aqua Club 2000 Expedition to the Isles of Scilly. | 2001 | Cook, K. & Hinton | Coral Cay Conservation Sub-Aqua Club, London |
| 14 | Isles of Scilly Zostera marina monitoring 2001 Expedition Report. | 2002 | Cook, K. | Coral Cay Conservation Sub-Aqua Club, London |
| 15 | Monitoring Subtidal Sandbanks of the Isles of Scilly and the Fal and Helford Special Areas of Conservation: Institute of Estuarine and Coastal Studies (ICES), University of Hull. | 2003 | Allen, J. H. and Proctor, N. V. | Institute of Estuarine and Coastal Studies  |
| 16 | Isles of Scilly Zostera marina monitoring 2002 Expedition Report. | 2003 | Cook, K. | Coral Cay Conservation Sub-Aqua Club, London |
| 17 | COOK, K., & FODEN, J.M. 2005. Report on 2005 Isles of Scilly Zostera marina survey. | 2005 | Cook, K. & Foden, J.M. | Coral Cay Conservation Sub-Aqua Club, London |
| 18 | Isles of Scilly Zostera marina monitoring 2003 Expedition Report. | 2004a | Cook, K. | Coral Cay Conservation Sub-Aqua Club, London |
| 19 | Isles of Scilly Zostera marina monitoring 2004 Expedition Report. | 2004b | Cook, K. | Coral Cay Conservation Sub-Aqua Club, London |
| 20 | Mapping Zostera beds in Special Areas of Conservation by aerial photography. | undated | BKS Surveys Ltd. | BKS Surveys Ltd. |

**Supplementary Table 2**

List of targeted government and non-governmental organisation websites and larger UK Government repositories manually searched for reports and complete datasets as part of systematic review. List informed by local experts and review co-authors. If no specific repository was held by the organisation, then a Google web search (search terms detailed below) was conducted, and the first 20 returned results screened. List of repository URLs indicate the primary search location, however further sources and sub-repositories were identified using the snowball approach detailed in the methods section of the main text.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Name | Repository name (if different) | Type | URL or Google search term |
| 1 | Centre for Environment Fisheries and Aquaculture Science |  | Governmental | https://www.cefas.co.uk/data-and-publications/publications/search/#/search AND https://www.data.gov.uk/ |
| 2 | Cornwall Wildlife Trust |   | NGO or Community | https://www.cornwallwildlifetrust.org.uk/what-we-do/our-conservation-work/at-sea/marine-strandings-network AND https://erccis.org.uk/ |
| 3 | Department of Trade and Industry |  | Governmental | https://www.data.gov.uk/ |
| 4 | Isles of Scilly Inshore Fisheries and Conservation Authority |   | Governmental | https://www.scillyifca.gov.uk/155455 |
| 5 | Isles of Scilly Wildlife Trust |  | NGO or Community | https://www.ios-wildlifetrust.org.uk/search |
| 6 | Joint Nature Conservation Committee |   | Governmental | https://hub.jncc.gov.uk/ |
| 7 | Marine Management Organisation |  | Governmental | https://www.data.gov.uk/ |
| 8 | Natural England (English Nature) |   | Governmental | https://publications.naturalengland.org.uk/category/7005 |
| 9 | Royal Society for the Protection of Birds |  | NGO or Community | https://www.rspb.org.uk/about-us/annual-report/annual-report-archive |
| 10 | Marine Conservation Society - Seasearch |   | NGO or Community | https://www.seasearch.org.uk/report |
| 11 | South West Marine Ecosystems |  | Governmental | https://swmecosystems.co.uk/annual-reports |
| 12 | Univeristy of Exeter | ORE | Academic or Research | https://ore.exeter.ac.uk/repository/ |
| 13 | Univeristy of Plymouth | PEARL | Academic or Research | https://pearl.plymouth.ac.uk/ |
| 14 | Marine Biological Association | DAASH | Academic or Research | https://www.dassh.ac.uk/ |

**Supplementary Table 3** Grey and peer review sources (including snowballing) retained for analysis including themes used to categorise sources. Links provided active as of 01/01/2023. Full repository with additional source meta data available on a public Zenodo repository (DOI:10.5281/zenodo.10461881). Updated links or PDFs will be made available on this repository where possible.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Title | Year | Broad theme | Focused theme | Species or site | Author | Link as of Jan 2023 |
| 1 | The grey seal at the Isles of Scilly | 1956 | Species | Marine mammals | Grey seals | Davies | https://zslpublications.onlinelibrary.wiley.com/doi/epdf/10.1111/j.1096-3642.1956.tb00467.x?saml\_referrer  |
| 2 | The Distribution of Intertidal Organisms Along the Coasts of the English Channel | 1958 | Species | Intertidal Organisms |  | Crisp and Southward | https://www.cambridge.org/core/services/aop-cambridge-core/content/view/DC9512948BE377D7284A75A087C3D6E0/S0025315400014909a.pdf/the-distribution-of-intertidal-organisms-along-the-coasts-of-the-english-channel.pdf  |
| 3 | New and rare Copepoda Harpacticoida from the Isles of Scilly | 1968 | Species | Crustaceans | Copepods | Wells | https://www.tandfonline.com/doi/epdf/10.1080/00222936800770391?needAccess=true&role=button  |
| 4 | The marine flora and fauna of the Isles of Scilly | 1969 | Species | Multi |  | Harvey | https://www.tandfonline.com/doi/epdf/10.1080/00222936900770021?needAccess=true |
| 5 | The marine flora and fauna of the Isles of Scilly Cnidaria and Ctenophora | 1969 | Species | Jellys | Cnidaria and Ctenophora | Robins | https://www.tandfonline.com/doi/epdf/10.1080/00222936900770291?needAccess=true&role=button |
| 6 | The marine flora and fauna of the Isles of Scilly Foraminifera | 1970 | Species | Benthic infuana & epifaunal communities | Foraminifera | Atkinson | https://www.tandfonline.com/doi/epdf/10.1080/00222937000770371?needAccess=true&role=button |
| 7 | The marine flora and fauna of the Isles of Scilly Crustacea : Copepoda : Harpacticoida | 1970 | Species | Crustaceans | Copepods | Wells | https://www.tandfonline.com/doi/epdf/10.1080/00222937000770251?needAccess=true&role=button |
| 8 | The marine flora and fauna of the Isles of Scilly Echinodermata | 1971 | Species | Benthic infuana & epifaunal communities | Echinodermata | Rowe | https://www.tandfonline.com/doi/epdf/10.1080/00222937100770141?needAccess=true&role=button |
| 9 | The marine fauna and flora of the Isles of Scilly: Bryozoa and Entoprocta | 1971 | Species | Benthic infuana & epifaunal communities | Bryozoa  | Hayward | https://www.tandfonline.com/doi/epdf/10.1080/00222937100770341?needAccess=true&role=button |
| 10 | The marine flora and fauna of the Isles of Scilly Pycnogonida | 1972 | Species | Benthic infuana & epifaunal communities | Pycnogonida | King | https://www.tandfonline.com/doi/epdf/10.1080/00222937200770551?needAccess=true&role=button |
| 11 | The marine flora and fauna of the Isles of Scilly: Polychaeta | 1972 | Species | Benthic infuana & epifaunal communities | Polychaeta | Harris | https://www.tandfonline.com/doi/epdf/10.1080/00222937200770081?needAccess=true&role=button |
| 12 | The marine flora and fauna of the Isles of Scilly Enteropneusta, Ascidiacea, Thaliacea, Larvacea and Cephalochordata | 1972 | Species | Benthic infuana & epifaunal communities |  | Rowe | https://www.tandfonline.com/doi/epdf/10.1080/00222937200770201?needAccess=true |
| 13 | The grey seal (Halichoerus grypus) in Cornwall and the Isles of Scilly | 1974 | Species | Marine mammals | Grey seals | Summers | https://www.sciencedirect.com/science/article/pii/000632077490007X  |
| 14 | The marine fauna and flora of the Isles of Scilly: Bryozoa II | 1976 | Species | Benthic infuana & epifaunal communities | Bryozoa  | Hayward | https://www.tandfonline.com/doi/epdf/10.1080/00222937600770221?needAccess=true&role=button |
| 15 | The marine flora and fauna of the Isles of Scilly Free-living Nematoda | 1977 | Species | Benthic infuana & epifaunal communities | Nematodes | Warwick and Coles  | https://www.tandfonline.com/doi/epdf/10.1080/00222937700770311?needAccess=true&role=button |
| 16 | The marine flora and fauna of the Isles of Scilly—Tardigrada | 1981 | Species | Benthic infuana & epifaunal communities | Tardigrada  | King et al., | https://www.tandfonline.com/doi/epdf/10.1080/00222938100770101?needAccess=true |
| 17 | The marine fauna and flora of the Isles of Scilly: some marine digeneans from invertebrate hosts | 1985 | Species | Benthic infuana & epifaunal communities | Digenea | Newell | https://www.tandfonline.com/doi/epdf/10.1080/00222938600770071?needAccess=true |
| 18 | The marine flora and fauna of the Isles of Scilly: Mysidacea | 1987 | Species | Crustaceans | Mysidacea | Makings | https://www.tandfonline.com/doi/epdf/10.1080/00222938700770421?needAccess=true&role=button |
| 19 | The shore-dwelling Acari of the Isles of Scilly and the South-West Peninsula | 1988 | Species | Benthic infuana & epifaunal communities | Acari | Pugh | https://www.tandfonline.com/doi/abs/10.1080/00222938800770621 |
| 20 | The marine flora and fauna of the Isles of Scilly—Gastrotricha | 1990 | Species | Benthic infuana & epifaunal communities | Gastrotricha | Hummon and Warwick | https://www.tandfonline.com/doi/epdf/10.1080/00222939000770361?needAccess=true&role=button |
| 21 | The marine flora and fauna of the Isles of Scilly Crustacea: Ostracoda | 1990 | Species | Benthic infuana & epifaunal communities | Ostracoda | Neale | https://www.tandfonline.com/doi/epdf/10.1080/00222937000770381?needAccess=true&role=button |
| 22 | The marine flora and fauna of the Isles of Scilly Crustacea: Eucarida  | 1990 | Species | Benthic infuana & epifaunal communities | Eucarida  | Thurston | https://www.tandfonline.com/doi/epdf/10.1080/00222937000770231?needAccess=true&role=button |
| 23 | Marine monitoring in the Isles of Scilly. 1991 | 1992 | Habitats | Seagrass | Zostera marina | Fowler | <http://publications.naturalengland.org.uk/publication/31021> |
| 24 | Report on Lundy and the Isles of Scilly marine monitoring programme 1984-1991 | 1992 | Management and monitoring | Ecosystems |  | Fowler and Pilley | <http://publications.naturalengland.org.uk/publication/31022> |
| 25 | Stability in Mediterranean-Atlantic sessile epifaunal communities at the northern limits of their range | 1993 | Species | Benthic infuana & epifaunal communities | Epifaunal communities | Fowler and Laffoley | https://www.sciencedirect.com/science/article/pii/0022098193900923 |
| 26 | Metazoan community structure in relation to the fractal dimensions of marine macroalgae | 1994 | Species | Benthic infuana & epifaunal communities | Epifaunal communities | Gee and Warwick | https://www.jstor.org/stable/pdf/24842234.pdf?refreqid=excelsior%3A4dac1c87d601f7b33c6e62914a03bba7&ab\_segments=&origin=&acceptTC=1 |
| 27 | Report on the Coral Cay Conservation Sub-Aqua Club 1995 Expedition to the Isles of Scilly. | 1995 | Habitats | Seagrass | Zostera marina | Irving et al., | https://cdn.website-editor.net/cb566b060ee24165a572354db625b9d8/files/uploaded/CCC\_Isles\_of\_Scilly\_Report\_on\_the\_Coral\_Cay\_Conservation\_Sub\_Aqua\_Club\_1995.pdf |
| 28 | Financial values of five important marine coastal wildlife areas in England | 1996 | Human activities & impacts | Culture |  | English Nature | <http://publications.naturalengland.org.uk/publication/50055> |
| 29 | The Biogeography of Islands: Preliminary Results from a Comparative Study of the Isles of Scilly and Cornwall | 1996 | Species | Benthic infuana & epifaunal communities | Invertebrates | Kendall et al., | https://www.cambridge.org/core/services/aop-cambridge-core/content/view/98BEE19FA296C3515CC40BBB7B97066D/S0025315400029155a.pdf/the-biogeography-of-islands-preliminary-results-from-a-comparative-study-of-the-isles-of-scilly-and-cornwall.pdf |
| 30 | The marine fauna and flora of the Isles of Scilly—Mollusca | 1997 | Species | Benthic infuana & epifaunal communities | Molluscs | Turk and Seaward,  | https://www.tandfonline.com/doi/epdf/10.1080/00222939700770291?needAccess=true&role=button |
| 31 | Some free-living marine nematodes from the Isles of Scilly | 1997 | Species | Benthic infuana & epifaunal communities | Nematodes | Warwick | https://www.tandfonline.com/doi/epdf/10.1080/00222937700770301?needAccess=true&role=button |
| 32 | Lyrella cassiteridum, a new species of marine epipelic diatom | 1998 | Species | Diatom |  | Mann | https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1756-1051.1998.tb01529.x?saml\_referrer |
| 33 | The taxonomic distinctness measure of biodiversity: weighting of step lengths between hierarchical levels | 1999 | Species | Benthic infuana & epifaunal communities | Benthic infuana | Clarke and Warwick | https://www.int-res.com/articles/meps/184/m184p021.pdf |
| 34 | Report on the Coral Cay Conservation Sub-Aqua Club 1998 Expedition to the Isles of Scilly. | 1999 | Habitats | Seagrass | Zostera marina | Cook et al., | https://cdn.website-editor.net/cb566b060ee24165a572354db625b9d8/files/uploaded/CCC\_Isles\_of\_Scilly\_Report\_on\_the\_Coral\_Cay\_Conservation\_Sub\_Aqua\_Club\_1998.pdf |
| 35 | Isles of Scilly Complex SAC Regulation 33 Conservation Advice Package | 2000 | Management and monitoring | SAC |  | English Nature | <http://publications.naturalengland.org.uk/publication/3084503> |
| 36 | Report on the Coral Cay Conservation Sub-Aqua Club 1999 Expedition to the Isles of Scilly. | 2000 | Habitats | Seagrass | Zostera marina | Cook | https://cdn.website-editor.net/cb566b060ee24165a572354db625b9d8/files/uploaded/CCC\_Isles\_of\_Scilly\_Report\_on\_the\_Coral\_Cay\_Conservation\_Sub\_Aqua\_Club\_1999.pdf  |
| 37 | Survey to elucidate the distribution of the lagoon snail (Paludinella littorina) in England | 2001 | Species | Benthic infuana & epifaunal communities | Lagoona snail | Light and Killen | <http://publications.naturalengland.org.uk/publication/209716> |
| 38 | The status and distribution of european storm-petrels (hydrobates pelagicus) and manx shearwaters (puffinus puffinus) on the isles of scilly | 2002 | Species | Seabirds | Seabirds | Heaney et al., | http://seabirdgroup.org.uk/journals/atlantic-seabirds-4/as-4-1.pdf |
| 39 | Death assemblages of molluscs on St Martin's Flats, Isles of Scilly: a surrogate for regional biodiversity? | 2002 | Species | Benthic infuana & epifaunal communities | Molluscs | Warwick and Light | https://link.springer.com/article/10.1023/A:1014094829984 |
| 40 | European Marine Biodiversity Research Sites | 2003 | Management and monitoring | Ecosystems |  | Warwick et al., | https://researchrepository.murdoch.edu.au/id/eprint/23043/1/European\_Marine\_Biodiversity\_Research\_Sites.pdf  |
| 41 | Fine-scale variability in phytoplankton community structure and inherent optical properties measured from an autonomous underwater vehicle | 2003 | Species | Phytoplankton |  | Cunningham et al., | https://www.sciencedirect.com/science/article/pii/S0924796303000885#FIG1 |
| 42 | Seasearch Isles of Scilly 2004 | 2004 | Species | Multi |  | Seasearch | <https://s3.amazonaws.com/kajabi-storefronts-production/sites/2147503706/themes/2148550529/downloads/KE3s5m7lTFaBOqQf93iH_2004-Scilly.pdf> |
| 43 | Environmental impact of the MV CITA on the foreshore of Porth Hellick, Isles of Scilly | 2004 | Human activities & impacts | Pollution | Plastics | Smith | https://www.sciencedirect.com/science/article/abs/pii/S0025326X0400311X#:~:text=The%20wreckage%20presented%20a%20minor,Porth%20Hellick%20in%20minute%20shreds. |
| 44 | Seasearch Isles of Scilly 2005 | 2005 | Species | Multi |  | Seasearch | <https://s3.amazonaws.com/kajabi-storefronts-production/sites/2147503706/themes/2148550529/downloads/w2c6NodwQhaA6dsCXAIk_2005-Scilly.pdf> |
| 45 | Status and conservation of the grey seal, Halichoerus grypus, in France | 2005 | Species | Marine mammals | Grey seals | Vincent et al., | https://www.sciencedirect.com/science/article/pii/S0006320705002016 |
| 46 | The marine flora and fauna of the Isles of Scilly: Free-living Plathelminthes ('Turbellaria') | 2005 | Species | Benthic infuana & epifaunal communities | Flatworms | Faubel and Warwick | https://www.tandfonline.com/doi/abs/10.1080/00222930310001613593 |
| 47 | Two new species of Bulbamphiascus Lang (Copepoda: Harpacticoida: Diosaccidae) from Scotland and the Isles of Scilly, with additional observations on B. denticulatus (Thompson) | 2005 | Species | Crustaceans | Copepods | Gee | https://www.tandfonline.com/doi/full/10.1080/00222930500060397 |
| 48 | Spatio-temporal patterns of juvenile marine turtle occurrence in waters of the European continental shelf | 2006 | Species | Turtles |  | Witt et al., | <https://link.springer.com/article/10.1007/s00227-006-0532-9> |
| 49 | Seasearch Isles of Scilly 2006 | 2006 | Species | Multi |  | Seasearch | <https://s3.amazonaws.com/kajabi-storefronts-production/sites/2147503706/themes/2148550529/downloads/i2X5Tju1SrKAkPzlcSSy_2006-Scilly.pdf> |
| 50 | The integral structure of a benthic infaunal assemblage | 2006 | Species | Benthic infuana & epifaunal communities | Benthic infuana | Warwick et al., | <https://www.sciencedirect.com/science/article/pii/S0022098105005952> |
| 51 | Parastenheliidae (Copepoda: Harpacticoida) from the Isles of Scilly | 2006 | Species | Crustaceans | Copepods | Gee | https://www.tandfonline.com/doi/full/10.1080/00222930601108194?needAccess=true |
| 52 | A step towards seascape scale conservation: using vessel monitoring systems (VMS) to map fishing activity | 2007 | Human activities & impacts | Fisheries |  | Witt and Godley | <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0001111> |
| 53 | Seasearch Isles of Scilly 2007 | 2007 | Species | Multi |  | Seasearch | <https://s3.amazonaws.com/kajabi-storefronts-production/sites/2147503706/themes/2148550529/downloads/6RbZ7MB7QbGxko5uTjw6_2007-Scilly.pdf> |
| 54 | Synthesis of Information on the Benthos of Area SEA 8 | 2007 | Management and monitoring | Ecosystems |  | Pinnion et al.,  | <https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/196875/SEA8_TechRep_Benthos.pdf> |
| 55 | The red blenny Parablennius ruber in the British Isles, with notes on field identification characteristics and ecology | 2007 | Species | Telesot fish | Red blenney | Goodwin and Picton | https://www.cambridge.org/core/services/aop-cambridge-core/content/view/53DDABF57D018A2E223BA0585B08AB2E/S002531540705744Xa.pdf/the-red-blenny-parablennius-ruber-in-the-british-isles-with-notes-on-field-identification-characteristics-and-ecology.pdf |
| 56 | Three-dimensional spatial structure: nematodes in a sandy tidal flat | 2007 | Species | Benthic infuana & epifaunal communities | Benthic infuana | Somerfield et al., | <https://www.jstor.org/stable/pdf/24870989.pdf?refreqid=excelsior%3A65b4c54b23a6baccd4f4ae132b1daae9&ab_segments=&origin=> |
| 57 | Breeding seabirds on the Isles of Scilly | 2008 | Species | Seabirds |  | Heaney | https://britishbirds.co.uk/wp-content/uploads/2013/01/Scilly.pdf |
| 58 | Seasearch Isles of Scilly 2008 | 2008 | Species | Multi |  | Seasearch | <https://s3.amazonaws.com/kajabi-storefronts-production/sites/2147503706/themes/2148550529/downloads/qXJDGzwZTNavqlCrloq5_2008-Scilly.pdf> |
| 59 | The Isles of Scilly Biodiversity Audit 2008 | 2008 | Management and monitoring | Ecosystems |  | Lewis et al., | https://www.yumpu.com/en/document/read/49253869/the-isles-of-scilly-biodiversity-audit-2008-cornwall-wildlife-trust  |
| 60 | Valuing the regulatory services provided by marine ecosystems | 2010 | Management and monitoring | Ecosystems |  | Mangi et al.,  | https://onlinelibrary.wiley.com/doi/full/10.1002/env.1095 |
| 61 | Seasearch Isles of Scilly 2010 | 2010 | Species | Multi |  | Seasearch | <https://s3.amazonaws.com/kajabi-storefronts-production/sites/2147503706/themes/2148550529/downloads/Xbh5312TQyuWhrLlYQ5N_2010-Scilly.pdf> |
| 62 | Monitoring Intertidal Sandflats of the Isles of Scilly Special Area of Conservation 2009 | 2010 | Habitats | Intertidal sandflats |  | Natural England | <http://publications.naturalengland.org.uk/publication/41013> |
| 63 | Isles of Scilly Marine Biodiversity Project Isles of Scilly Fish and Fisheries | 2010 | Species | Multi |  | Henderson | <https://www.yumpu.com/en/document/view/36629702/isles-of-scilly-fish-and-fisheries-cornwall-wildlife-trust> |
| 64 | Abundance, distribution and haul-out behaviour of grey seals (Halichoerus grypus) in Cornwall and the Isles of Scilly, UK | 2010 | Species | Marine mammals | Grey seals | Leeney et al., | https://www.cambridge.org/core/journals/journal-of-the-marine-biological-association-of-the-united-kingdom/article/abundance-distribution-and-haulout-behaviour-of-grey-seals-halichoerus-grypus-in-cornwall-and-the-isles-of-scilly-uk/FF6C20059B4ECF93C92686BF97C64A66 |
| 65 | Finding Sanctuary Final Report 2011 | 2011 | Management and monitoring | MCZs |  | Natural England | <http://publications.naturalengland.org.uk/publication/1561560> |
| 66 | The marine fauna and flora of the Isles of Scilly. Tanaidacea (Crustacea: Peracarida) | 2011 | Species | Benthic infuana & epifaunal communities | Tanaidacea | Bamber | https://www.tandfonline.com/doi/abs/10.1080/00222933.2011.560968 |
| 67 | Monitoring grey seals (Halichoerus grypus) in the Isles of Scilly during the 2010 pupping season (August to December 2010) | 2012 | Species | Marine mammals | Grey seals | Sayer and Witt | <http://publications.naturalengland.org.uk/publication/3047442> |
| 68 | Condition Assessment Monitoring for Reefs, Isles of Scilly European Marine Site - Diving Survey June 2011 | 2012 | Habitats | Reefs | SAC | Irving and Northern | <http://publications.naturalengland.org.uk/publication/3064494> |
| 69 | JNCC and Natural England’s advice to Defra on recommended Marine Conservation Zones | 2012 | Management and monitoring | MCZs |  | JNCC | <https://data.jncc.gov.uk/data/c54c40d4-50f5-4bb4-a0de-05253ffaf025/1-JNCC-NE-MCZ-Advice-full.pdf> |
| 70 | Spurdog, porbeagle and common skate bycatch and discard reduction. | 2012 | Species | Elasmobranchs |  | Bendall et al., | <https://data.cefas.co.uk/view/646> |
| 71 | Wasting disease regulates long-term population dynamics in a threatened seagrass | 2012 | Habitats | Seagrass | Zostera marina | Bull et al., | <https://link.springer.com/article/10.1007/s00442-011-2187-6> |
| 72 | Marine megavertebrates of Cornwall and the Isles of Scilly: relative abundance and distribution | 2012 | Species | Megafuana |  | Leeney et al., | https://www.cambridge.org/core/journals/journal-of-the-marine-biological-association-of-the-united-kingdom/article/marine-megavertebrates-of-cornwall-and-the-isles-of-scilly-relative-abundance-and-distribution/7981AA197C2320B6A9E2C01BD7A1F7B7 |
| 73 | Different cultures, different values: The role of cultural variation in public’s WTP for marine species conservation | 2012 | Human activities & impacts | Culture |  | Ressurreição et al., | https://www.sciencedirect.com/science/article/pii/S0006320711003958#b0315 |
| 74 | Marine Conservation: Science, Policy, and Management | 2013 | Management and monitoring | Ecosystems |  | Ray and McCormick-Ray | https://www.researchgate.net/publication/332392006\_Marine\_Conservation\_Science\_Policy\_and\_Management |
| 75 | Isles of Scilly seagrass mapping 2011 | 2013 | Habitats | Seagrass | Zostera marina | Jackson et al., | <http://publications.naturalengland.org.uk/publication/43015> |
| 76 | Report on 2011 Isles of Scilly Zostera marina survey | 2013 | Habitats | Seagrass | Zostera marina | Cook | <http://publications.naturalengland.org.uk/publication/5465227235688448> |
| 77 | Offshore monitoring of Annex I reef habitat present within the Isles of Scilly Special Area of Conservation (SAC) | 2013 | Habitats | Reefs | SAC | Eggleton and Meadows | <http://publications.naturalengland.org.uk/publication/4804253243670528> |
| 78 | Isolation and characterization of 11 microsatellite loci from the ubiquitous temperate octocoral Alcyonium digitatum (Linnaeus, 1758) | 2013 | Species | Sponges | Dead man's fingers | Holland et al.,  | https://link.springer.com/article/10.1007/s12686-013-9903-y |
| 79 | Local Competition and Metapopulation Processes Drive Long-Term Seagrass-Epiphyte Population Dynamics | 2013 | Habitats | Seagrass | Zostera marina | Lobelle et al., | https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0057072 |
| 80 | Isles of Scilly Sites Bristows to the Stones rMCZ Post survey 2014 | 2014 | Management and monitoring | MCZs | Bristows to the Stones | DEFRA | https://randd.defra.gov.uk/ProjectDetails?ProjectId=18983 |
| 81 | Isles of Scilly SAC: Intertidal Under-Boulder Communities Survey 2011 | 2014 | Habitats | Under boulder communities | SAC | Selley et al.,  | <http://publications.naturalengland.org.uk/publication/4790649433882624> |
| 82 | Isles of Scilly Complex SAC: Reef Feature Condition Assessment - Kelp forest communities and vertical rock: 2013 baseline dive survey | 2014 | Habitats | Kelp forest communities and vertical rock | SAC | Axelsson et al., | <http://publications.naturalengland.org.uk/publication/6717971179241472> |
| 83 | Modelling marine recreation potential in England | 2014 | Human activities & impacts | Recreation |  | MMO | https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\_data/file/317758/modelling.pdf |
| 84 | Site Improvement Plan: Isles of Scilly Complex | 2014 | Human activities & impacts | Threats |  | Natural England | <http://publications.naturalengland.org.uk/publication/5804521016000512> |
| 85 | Understanding the Distribution of Marine Megafauna in the English Channel Region: Identifying Key Habitats for Conservation within the Busiest Seaway on Earth | 2014 | Species | Megafuana |  | McClellan et al., | https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0089720 |
| 86 | The roles of flowering, overwinter survival and sea surface temperature in the long-term population dynamics of Zostera marina around the Isles of Scilly, UK | 2014 | Habitats | Seagrass | Zostera marina | Potouroglou et al., | <https://www.sciencedirect.com/science/article/pii/S0025326X14001659> |
| 87 | 2015 Annual Summary Report. Marine Strandings in Cornwall and the Isles of Scilly. | 2015 | Species | Megafuana |  | Crosby et al., | https://www.cornwallwildlifetrust.org.uk/sites/default/files/2019-08/2015%20Summary%20Report%20-%20Marine%20Strandings%20in%20Cornwall%20and%20the%20Isles%20of%20Scilly.pdf |
| 88 | Isles of Scilly lobster and crawfish tagging project | 2015 | Species | Crustaceans | Commercials | Holt and Kelly-Fletcher | <https://secure.toolkitfiles.co.uk/clients/19937/sitedata/Redesign/research-reports-redesign/IOSIFCA-Tagging-Report.pdf> |
| 89 | South West Marine Ecosystems 2014 | 2015 | Management and monitoring | Ecosystems |  | South West Marine Ecosystems  | <https://swmecosystems.co.uk/wp-content/uploads/2016/02/21.-SWME-REPORT-on-2014-Autumn-2015.compressed-1.pdf> |
| 90 | Isles of Scilly eelgrass bed voluntary monitoring programme 2014 Annual survey | 2015 | Habitats | Seagrass | Zostera marina | Bull and Kenyon | <http://publications.naturalengland.org.uk/publication/6150517531082752> |
| 91 | Group-foraging and information transfer in European shags Phalacrocorax aristotelis | 2015 | Species | Seabirds | European shag | Evans et al., | https://link.springer.com/article/10.1007/s10336-015-1241-2 |
| 92 | Assessing the conservation status of marine habitats: thoughts from a sandflat on the Isles of Scilly | 2015 | Species | Benthic infuana & epifaunal communities | Benthic infuana | Warwick and Somerfield  | https://www.sciencedirect.com/science/article/pii/S1385110114001361 |
| 93 | Special Area of Conservation Condition Monitoring: Grey seals (Halichoerus grypus) in the Isles of Scilly during the 2016 pupping season | 2016 | Species | Marine mammals | Grey seals | Sayer and Witt | http://nepubprod.appspot.com/file/5480210906742784 |
| 94 | The perilous state of seagrass in the British Isles | 2016 | Habitats | Seagrass | Zostera marina | Jones and Unsworth | https://royalsocietypublishing.org/doi/full/10.1098/rsos.150596 |
| 95 | 2016 Annual Summary Report. Marine Strandings in Cornwall and the Isles of Scilly. | 2016 | Species | Megafuana |  | Crosby et al., | https://www.cornwallwildlifetrust.org.uk/sites/default/files/2019-08/2016%20Summary%20Report%20-%20Marine%20Strandings%20in%20Cornwall%20and%20the%20Isles%20of%20Scilly.pdf |
| 96 | South West Marine Ecosystems 2015 | 2016 | Management and monitoring | Ecosystems |  | South West Marine Ecosystems  | https://swmecosystems.co.uk/wp-content/uploads/2016/02/SWME-2015-collated\_rep |
| 97 | South of the Isles of Scilly rMCZ Post-survey Site Report | 2016 | Management and monitoring | MCZs | South of the Isles of Scilly | DEFRA | https://randd.defra.gov.uk/ProjectDetails?ProjectID=18983&FromSearch=Y&Publisher=1&SearchText=MB0129&SortString=ProjectCode&SortOrder=Asc&Paging=10 |
| 98 | Seabirds prosper as local people and conservationists come together to make St Agnes and Gugh rat-free | 2016 | Species | Seabirds |  | RSPB | https://www.rspb.org.uk/about-the-rspb/about-us/media-centre/press-releases/seabirds-prosper-as-local-people-and-conservationists-come-together-to-make-st-agnes-and-gugh-rat-free-/ |
| 99 | Isles of Scilly eelgrass bed voluntary monitoring programme 2015 Annual survey | 2016 | Habitats | Seagrass | Zostera marina | Bull and Kenyon | <http://publications.naturalengland.org.uk/publication/5658176733577216> |
| 100 | Marine Conservation Zone Benthic Community Analysis | 2016 | Management and monitoring | MCZs | South of the Isles of Scilly | JNCC | <https://data.jncc.gov.uk/data/1093cb52-7bdb-456d-86b5-3fb96d19168f/JNCC-Report-595-FINAL-WEB.pdf> |
| 101 | Divergent perceptions of new marine protected areas: Comparing legal consciousness in Scilly and Barra, UK | 2016 | Management and monitoring | MCZs |  | Pieraccini et al., | https://www.sciencedirect.com/science/article/pii/S0964569115300338#bbib12 |
| 102 | South West Marine Ecosystems 2016 | 2017 | Management and monitoring | Ecosystems |  | South West Marine Ecosystems  | https://swmecosystems.co.uk/wp-content/uploads/2017/12/SWME-2016-REPORT-V25-Nov-2017.pdf |
| 103 | Isles of Scilly eelgrass bed voluntary monitoring programme 2016 Annual survey | 2017 | Habitats | Seagrass | Zostera marina | Bull and Kenyon | <http://publications.naturalengland.org.uk/publication/5636990579507200> |
| 104 | Isles of Scilly Complex SAC Seagrass Survey 2016 | 2017 | Habitats | Seagrass | Zostera marina | Marine Ecological Surveys Limited | <http://publications.naturalengland.org.uk/publication/6226045097476096> |
| 105 | Isles of Scilly Designated Wrecks Interpretation | 2017 | Human activities & impacts | Culture | Wrecks | Historic England | <https://archaeologydataservice.ac.uk/archiveDS/archiveDownload?t=arch-3178-1/dissemination/Report/Scilly_Interpretation_Report_HE7561.pdf> |
| 106 | The status of seabirds breeding in the Isles of Scilly 2015/16 | 2017 | Species | Seabirds |  | Heaney and St Pierre | http://publications.naturalengland.org.uk/publication/6517450827104256 |
| 107 | Common skate survey Annual Report (ELECTRA MF6001: Work Package Task 1.4) Cefas. 39 pp. | 2017 | Species | Elasmobranchs | Common skate | Bendall et al., | link expried |
| 108 | Wave resource variability: Impacts on wave power supply over regional to international scales | 2017 | Human activities & impacts | Energy |  | Smith et al., | https://www.sciencedirect.com/science/article/pii/S1876610217337050?via%3Dihub  |
| 109 | Remote Electronic Monitoring (REM) of Common Skate By-catch II | 2018 | Species | Elasmobranchs | Common skate | Hetherington et al., | link expried |
| 110 | Proposals for a marine extension to the Isles of Scilly Special Protection Area (SPA)  | 2018 | Management and monitoring | SPA |  | Natural England | http://publications.naturalengland.org.uk/publication/6573576605401088 |
| 111 | 2018 Annual Summary Report. Marine Strandings in Cornwall and the Isles of Scilly. | 2018 | Species | Megafuana |  | Clear et al., | https://www.cornwallwildlifetrust.org.uk/sites/default/files/2019-09/2018%20Summary%20Report%20-%20Marine%20Strandings%20in%20Cornwall%20and%20the%20Isles%20of%20Scilly.pdf |
| 112 | South West Marine Ecosystems 2017 | 2018 | Management and monitoring | Ecosystems |  | South West Marine Ecosystems  | https://swmecosystems.co.uk/wp-content/uploads/2018/11/FINAL-SWME-2017-Report-29-Nov-2018-compressed.pdf |
| 113 | Isles of Scilly eelgrass bed voluntary monitoring programme 2017 Annual survey | 2018 | Habitats | Seagrass | Zostera marina | Bull and Kenyon | http://publications.naturalengland.org.uk/publication/5628137893527552 |
| 114 | Isles of Scilly Seabird Conservation Strategy (2018-2023) | 2018 | Species | Seabirds |  | IoS Wildlife Trust | <https://www.ios-wildlifetrust.org.uk/Handlers/Download.ashx?IDMF=70d84910-11eb-470f-b3b0-3691c6aa12e3> |
| 115 | Seabird Monitoring & Research Project Isles of Scilly 2018 | 2018 | Species | Seabirds |  | Heaney | <https://www.ios-wildlifetrust.org.uk/Handlers/Download.ashx?IDMF=a1a3ec90-57ba-427f-bbce-3ee0538c0d6c> |
| 116 | The structure and organisation of integral marine benthic communities in relation to sieve mesh size. | 2018 | Species | Benthic infuana & epifaunal communities | Benthic infuana | Somerfield et al., | https://www.sciencedirect.com/science/article/pii/S0022098117304586 |
| 117 | Modeling the Dispersal of Spiny Lobster (Palinurus elephas) Larvae: Implications for Future Fisheries Management and Conservation Measures | 2018 | Species | Crustaceans | Spiny lobster | Whomersley et al., | https://www.frontiersin.org/articles/10.3389/fmars.2018.00058/full |
| 118 | Isles of Scilly MCZs Factsheet 2019 | 2019 | Management and monitoring | MCZs |  | Natural England | https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\_data/file/926991/mcz-isles-of-scilly-2019.pdf |
| 119 | Status of shellfish stocks for Isles of Scilly District 2019 Report | 2019 | Species | Crustaceans | Commercials | Isles of Scilly IFCA | <https://secure.toolkitfiles.co.uk/clients/19937/sitedata/files/pdfs-redesign/2019-report.pdf> |
| 120 | Isles of Scilly eelgrass bed voluntary monitoring programme Annual Survey 2018 | 2019 | Habitats | Seagrass | Zostera marina | Bull and Kenyon | http://publications.naturalengland.org.uk/publication/6017278439325696 |
| 121 | Special Area of Conservation Condition Monitoring: Grey seals (Halichoerus grypus) in the Isles of Scilly during the 2016 pupping season | 2019 | Species | Marine mammals | Grey seals | Sayer et al.,  | <http://publications.naturalengland.org.uk/publication/4741244196749312> |
| 122 | Summary of Natural England’s confirmed advice provided to Defra on Marine Conservation Zones to be considered for designation in 2019 | 2019 | Management and monitoring | MCZs |  | Natural England | <http://publications.naturalengland.org.uk/publication/5703660445368320> |
| 123 | Production of a draft modelled marine boundary extension for the Isles of Scilly SPA | 2019 | Management and monitoring | SPA |  | Natural England | <http://publications.naturalengland.org.uk/publication/4716864110592000> |
| 124 | Seabird Monitoring & Research Project Isles of Scilly 2019 | 2019 | Species | Seabirds |  | Heaney | <https://www.ios-wildlifetrust.org.uk/Handlers/Download.ashx?IDMF=7976b220-3c30-4f6d-be94-d6edbb1a32fb> |
| 125 | Evidence of increased occurrence of Atlantic bluefin tuna in territorial waters of the United Kingdom and Ireland | 2019 | Species | Telesot fish | Atlantic bluefin tuna | Horton et al., | https://academic.oup.com/icesjms/article/78/5/1672/6231587 |
| 126 | Low genotypic diversity and long-term ecological decline in a spatially structured seagrass population | 2019 | Habitats | Seagrass | Zostera marina | Alotaibi et al., | https://www.nature.com/articles/s41598-019-54828-1 |
| 127 | Pinnipeds, people and photo identification: the implications of grey seal movements for effective management of the species | 2019 | Species | Marine mammals | Grey seals | Sayer et al., | https://www.cambridge.org/core/journals/journal-of-the-marine-biological-association-of-the-united-kingdom/article/pinnipeds-people-and-photo-identification-the-implications-of-grey-seal-movements-for-effective-management-of-the-species/251D35EE67506BD9CFFE3B08665BC746 |
| 128 | 2020 Annual Summary Report. Marine Strandings in Cornwall and the Isles of Scilly. | 2020 | Species | Megafuana |  | Crosby and Hawtrey-Collier | https://www.cornwallwildlifetrust.org.uk/sites/default/files/2021-12/2020%20MSN%20Summary%20Report%20V2-min.pdf |
| 129 | South West Marine Ecosystems 2018 | 2020 | Management and monitoring | Ecosystems |  | South West Marine Ecosystems  | https://swmecosystems.co.uk/wp-content/uploads/2020/01/SWME-2018-FINAL-report-10-January-2020-compressed.pdf |
| 130 | South West Marine Ecosystems 2019 | 2020 | Management and monitoring | Ecosystems |  | South West Marine Ecosystems  | https://plymsea.ac.uk/id/eprint/9035/1/SWME\_2019\_Final\_Report\_17072020.docx.pdf |
| 131 | Isles of Scilly eelgrass bed voluntary monitoring programme Annual Survey 2019 | 2020 | Habitats | Seagrass | Zostera marina | Bull and Kenyon | http://publications.naturalengland.org.uk/publication/4838436000497664 |
| 132 | Natural Capital Asset and Risk Register to Inform  Management of Isles of Scilly Fisheries Resources | 2020 | Management and monitoring | Ecosystems |  | Ashely et al., | <https://secure.toolkitfiles.co.uk/clients/19937/sitedata/pdfs/SCILL-E-Report-2020.pdf> |
| 133 | Seabird Monitoring & Research Project Isles of Scilly 2020 | 2020 | Species | Seabirds |  | Heaney | <https://www.ios-wildlifetrust.org.uk/Handlers/Download.ashx?IDMF=cb150950-24f6-41f6-8b45-f32208ac0c61> |
| 134 | Citizen science in the marine environment: estimating common dolphin densities in the north-east Atlantic | 2020 | Species | Marine mammals | Common dolphins | Robbins et al., | https://peerj.com/articles/8335/ |
| 135 | Citizen science reveals microplastic hotspots within tidal estuaries and the remote Scilly Islands, United Kingdom | 2020 | Human activities & impacts | Pollution | Plastics | Nel et al., | https://www.sciencedirect.com/science/article/pii/S0025326X20308948#bb0235 |
| 136 | South West Marine Ecosystems 2020 | 2021 | Management and monitoring | Ecosystems |  | South West Marine Ecosystems  | https://swmecosystems.co.uk/wp-content/uploads/2021/08/SWME\_Consolidated\_report\_2020.pdf |
| 137 | An Ocean Health Index+ assessment for South West England. Technical report | 2021 | Management and monitoring | Ecosystems |  | Exeter et al., | https://www.ohi.sustainable-seas.org/\_files/ugd/bfb9b9\_1e1a88998c404664b4eff8a307c86695.pdf |
| 138 | Habitat modelling of the harbour porpoise (Phocoena phocoena) in southwest UK: effects of depth, slope and tidal state | 2021 | Species | Marine mammals | Harbour porpoise | Buttifant | <https://pearl.plymouth.ac.uk/handle/10026.1/18496> |
| 139 | Sustaining the Visitor Economy and Environment in the Isles of Scilly | 2021 | Human activities & impacts | Tourism |  | Smyth et al.,  | <https://ore.exeter.ac.uk/repository/handle/10871/126020> |
| 140 | Digital video aerial survey at sea of European shag (Phalacrocorax aristotelis) around the Isles of Scilly in 2015 | 2021 | Species | Seabirds | European shag | Webb and Irwin | <http://publications.naturalengland.org.uk/publication/5745467800682496> |
| 141 | LIFE Recreation ReMEDIES – Isles of Scilly Seagrass Survey (2020) | 2021 | Habitats | Seagrass | Zostera marina | Bull and Kenyon | http://publications.naturalengland.org.uk/publication/4503832039260160 |
| 142 | Seabird Monitoring & Research Project Isles of Scilly 2021 | 2021 | Species | Seabirds |  | Heaney | <https://www.ios-wildlifetrust.org.uk/Handlers/Download.ashx?IDMF=8e04d731-1dea-46e9-be97-d0e7ab555283> |
| 143 | South West Marine Ecosystems 2020 | 2021 | Management and monitoring | Ecosystems |  | South West Marine Ecosystems  | https://swmecosystems.co.uk/wp-content/uploads/2022/07/SWME\_Consolidated\_report\_2021-1.pdf |
| 144 | Analysis of similarities (ANOSIM) for 2-way layouts using a generalised ANOSIM statistic, with comparative notes on Permutational Multivariate Analysis of Variance (PERMANOVA) | 2021 | Species | Benthic infuana & epifaunal communities | Epifaunal communities | Somerfield et al., | https://onlinelibrary.wiley.com/doi/full/10.1111/aec.13059 |
| 145 | How together we can protect wild birds from Avian or bird Flu | 2022 | Species | Seabirds |  | RSPB | https://www.rspb.org.uk/our-work/rspb-news/rspb-news-stories/avian-flu-devastating-bird-populations/ |
| 146 | Isles of Scilly Special Area of Conservation Subtidal Sediment Data Analysis Report 2017 | 2022 | Species | Benthic infuana & epifaunal communities | Benthic infuana | Johnson et al., | <http://publications.naturalengland.org.uk/publication/4603944570716160> |
| 147 | Seagrass Natural Capital Assessment: The Isles of Scilly Complex SAC | 2022 | Habitats | Seagrass | Zostera marina | Howard-Williams | https://publications.naturalengland.org.uk/publication/6120073273278464 |
| 148 | Seagrass and Maerl Natural Capital Literature Review | 2022 | Habitats | Seagrass | Zostera marina | Howard-Williams | https://publications.naturalengland.org.uk/publication/4967311365898240 |
| 149 | Seagrass 'fairy circles' on the Isles of Scilly | 2022 | Habitats | Seagrass | Zostera marina | Warwick | https://www.cambridge.org/core/services/aop-cambridge-core/content/view/4D4E96173DF8C8CC7DA5FEFE1C691479/S0025315422000273a.pdf/seagrass-fairy-circles-on-the-isles-of-scilly.pdf |
| 150 | Evaluating the suitability of close-kin mark-recapture as a demographic modelling tool for a critically endangered elasmobranch population | 2022 | Species | Elasmobranchs | Common skate | Delaval et al., | https://onlinelibrary.wiley.com/doi/full/10.1111/eva.13474  |



**Figure S1** Preferred reporting items for systematic reviews and meta-analysis (PRISMA) flowchart detailing the sequence of paper selection and filtering in the systematic reviews of the state of marine biodiversity knowledge in the Isles of Scilly, UK.