Table S2. Location names and coordinates of the 60 locations surveyed in the 1950s, 2000s and 2010s. SACFOR abundance scores for *Sabellaria alveolata* are given. Changes in distribution and abundance correspond with representations illustrated in Fig. 4. A = abundant; C= Common; F = Frequent; O = Occasional; R = Rare; P = Present; N = Not seen (Absent).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Number** | **Site name** | **Latitude** | **Longitude** | **1950s** | **2000s** | **2010s** |
| 1 | Portrush | 55.19878333 | -6.66036670 | N | N | N |
| 2 | Giant's Causeway | 55.24116000 | -6.51204000 | N | N | N |
| 3 | Marconi's Cottage | 55.21143333 | -6.19285000 | N | N | N |
| 4 | Larne  | 54.86771667 | -5.81133330 | N | N | N |
| 5 | Portmuck | 54.84772500 | -5.72857000 | N | N | N |
| 6 | Townhead | 54.49073333 | -5.43883333 | N | N | N |
| 7 | Kearney | 54.38775000 | -5.45818330 | N | N | N |
| 8 | Kilclief | 54.33556667 | -5.54220000 | N | N | N |
| 9 | St. John's Point | 54.22876667 | -5.65443330 | N | N | N |
| 10 | Annalong | 54.10946600 | -5.89365400 | O | N | R |
| 11 | Rostrevor | 54.09765000 | -6.21221670 | N | N | N |
| 12 | Port Oriel | 53.78834700 | -6.22826400 | O | N | P |
| 13 | Balbriggan | 53.61519400 | -6.18180600 | O | N | C |
| 14 | Skerries | 53.58648333 | -6.10556667 | N | N | N |
| 15 | Malahide | 53.44361100 | -6.12375600 | N | N | N |
| 16 | Bray | 53.19651667 | -6.08833333 | N | N | N |
| 17 | Greystones | 53.14761400 | -6.05988600 | N | N | N |
| 18 | Ardmore Point | 52.92921100 | -6.02215300 | N | N | N |
| 19 | Kilmichael Point | 52.73632500 | -6.14172500 | N | N | N |
| 20 | Cahore Point | 52.56869400 | -6.19988300 | N | N | N |
| 21 | Rosslare | 52.25200600 | -6.33233900 | N | N | N |
| 22 | Greenore Point | 52.24083300 | -6.31300000 | N | N | N |
| 23 | Carnsore Point | 52.18236100 | -6.35663900 | N | N | N |
| 24 | Crossfarnoge/Forlorn Point | 52.17255600 | -6.59491700 | N | N | N |
| 25 | Cullenstown | 52.21491700 | -6.72643300 | A | N | N |
| 26 | Hook Head | 52.12303100 | -6.93156900 | N | N | N |
| 27 | Brownstown Head | 52.13911100 | -7.09936100 | N | N | C |
| 28 | Bunmahon | 52.13725000 | -7.36177800 | F | C | A |
| 29 | Helvick Head | 52.05479000 | -7.53987000 | C | O | F |
| 30 | Knockadoon Head | 51.88513900 | -7.86597200 | C | A | A |
| 31 | Ballycotton | 51.82719400 | -8.00066700 | A | A | C |
| 32 | Gyleen | 51.79346300 | -8.19546000 | C | A | C |
| 33 | Old Head of Kinsale | 51.60576667 | -8.53410000 | N | N | N |
| 34 | Galley Head | 51.53513900 | -8.95250000 | N | N | N |
| 35 | Toe Head Bay | 51.49136800 | -9.23187300 | N | N | N |
| 36 | Toe Head | 51.48416700 | -9.24227800 | N | N | N |
| 37 | Goleen | 51.49238900 | -9.70519400 | N | N | N |
| 38 | Whiteball Head | 51.60313900 | -10.04500000 | N | N | N |
| 39 | Daniel's Island | 51.77171667 | -10.01990000 | N | N | N |
| 40 | Abbey Island | 51.75855600 | -10.13325000 | N | N | N |
| 41 | Portmagee | 51.88380000 | -10.39411670 | N | N | N |
| 42 | Lough Key | 51.94455000 | -10.27741670 | N | N | N |
| 43 | Kerry Head | 52.39638900 | -9.91163900 | N | N | N |
| 44 | Moneen | 52.58519400 | -9.87302800 | N | N | N |
| 45 | Castle Point | 52.65716700 | -9.72266700 | N | N | N |
| 46 | Doonbeg | 52.74814000 | -9.50575000 | N | N | N |
| 47 | Fureera | 52.93500000 | -9.42690000 | N | N | N |
| 48 | Black Head | 53.14727000 | -9.27646000 | O | A | C |
| 49 | Bunowen Point | 53.40364170 | -10.11618330 | N | N | N |
| 50 | Mannin Bay | 53.44981000 | -10.09756000 | N | N | N |
| 51 | Cloghmore | 53.87523300 | -9.96640000 | N | N | N |
| 52 | Dooagh | 53.97258300 | -10.13210300 | N | N | N |
| 53 | Termoncarragh | 54.25691700 | -10.08066700 | N | N | N |
| 54 | Easky | 54.29266700 | -8.95205600 | A | A | C |
| 55 | St. John's Point | 54.56868000 | -8.46343000 | N | N | N |
| 56 | Maghery-Termon | 54.92758300 | -8.44547200 | N | N | N |
| 57 | Rinnalea Point | 55.03566700 | -8.38422200 | N | N | N |
| 58 | Bloody Foreland | 55.15122220 | -8.29775000 | N | N | N |
| 59 | Fanad Head | 55.27791670 | -7.63697220 | N | N | N |
| 60 | Culdaff | 55.29205000 | -7.13471670 | N | N | N |