

# A comparison of Ireland's Special Protection Area and Important Bird Area Networks.

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## Introduction

A recent document issued from the Commission entitled Follow up to discussions on Case C-418/04 on 24 June 2022 (Ref. Ares (2022)4872274 - 04/07/2022) seeks further information from the Irish authorities with regard to the comprehensiveness of Ireland's Special Protection Area Network.

The objective of this report is to describe the differences, in area terms and on a site by site basis, between Ireland's suite of SPAs and their corresponding Important Bird Area sites as maintained by BirdLife International.

The structure of this report is based on the aforementioned COM document which in turn is informed by the findings of Case C-418/04 specially with regard to the two groups of sites. The first group, which contains 42 sites, relates to paragraphs 42 to 102 of the judgement namely:

*1. Ground 1 – Inadequate number and size of areas classified as SPAs, contrary to Articles 4(1) and (2) of Birds Directive*

*1.1 First part of first complaint – No classification of certain IBA listed sites*

*1.1.1 Sub ground 1 – No classification of certain IBA 2000 listed sites*

The second group of sites, 36 in total, addressed in this report relate to paragraph 128 of the judgment:

*1.2. Second part of first complaint – Failure to make complete classification of sites*

In order to compare the relevant information to compare the differences between IBA Network and the SPA Network the following resources are used:

1. The SPA Review Document produced by NPWS in 2013 and which sets out the rationale taken to classify the SPA Network in response to the Case C-418/04. This document details the species of Special Conservation Interests that are listed for each SPA.
2. Shapefile detailing the precise boundaries of the SPA Network as available from [www.NPWS.ie](http://www.NPWS.ie)
3. An account of Ireland's Important Bird Area Network authored by J. Hunt, J. Derwin, J. Coveney and S. Newton which forms part of the 2004 BirdLife publication *Important Bird Areas in Europe – Volume 1: Northern Europe*.
4. Shapefile of the latest Irish IBA Network as received by BirdLife International on 19/04/2023 with the following recommended citation: BirdLife International (2023) Important Bird and Biodiversity Area (IBA) digital boundaries: March 2023 version. BirdLife International, Cambridge, UK. <http://datazone.birdlife.org/site/requestgis>

The latter data source was received with the understanding that further marine waters may be added to the IBA network in due course.

The description of the differences between IBAs and their corresponding SPA set out here are at a relatively high level. Further information notes relating to particular sites (e.g. Connemara Islands) or groups of sites (e.g. Corncrake SPAs) are already transmitted to COM and can be resent upon request.

## Donegal Bay

As per Fig 1 the SPA is larger in size compared to the latest version of the IBA and covers more subtidal waters of Donegal Bay as well as the River Erne estuary. In terms of total estimated areas, the SPA is 50.6% larger than the latest version of Donegal Bay IBA.

Table 1a: Details of Donegal Bay SPA

| Code         | Name            | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|--------------|-----------------|---|-----------|---|---|
| 80000<br>415 | Donegal Bay SPA | Great Northern Diver ( <i>Gavia immer</i> ) [A003]; Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046]; Common Scoter ( <i>Melanitta nigra</i> ) [A065]; Sanderling ( <i>Calidris alba</i> ) [A144]; Wetland and Waterbirds [A999] | 10,460    | <a href="https://www.npws.ie/protected-sites/spa/004151">https://www.npws.ie/protected-sites/spa/004151</a> | <a href="https://www.irishstatutebook.ie/eli/2011/si/295/made/en/print">https://www.irishstatutebook.ie/eli/2011/si/295/made/en/print</a> |

Table 1b: Donegal Bay IBA

| Code | Name            | QIs   | Area (Heath & Evans 2000) | Area (latest) |
|------|-----------------|---|---------------------------|---------------|
| 30   | Donegal Bay IBA | Great Northern Diver ( <i>Gavia immer</i> ) | 40,000                    | 6,945         |

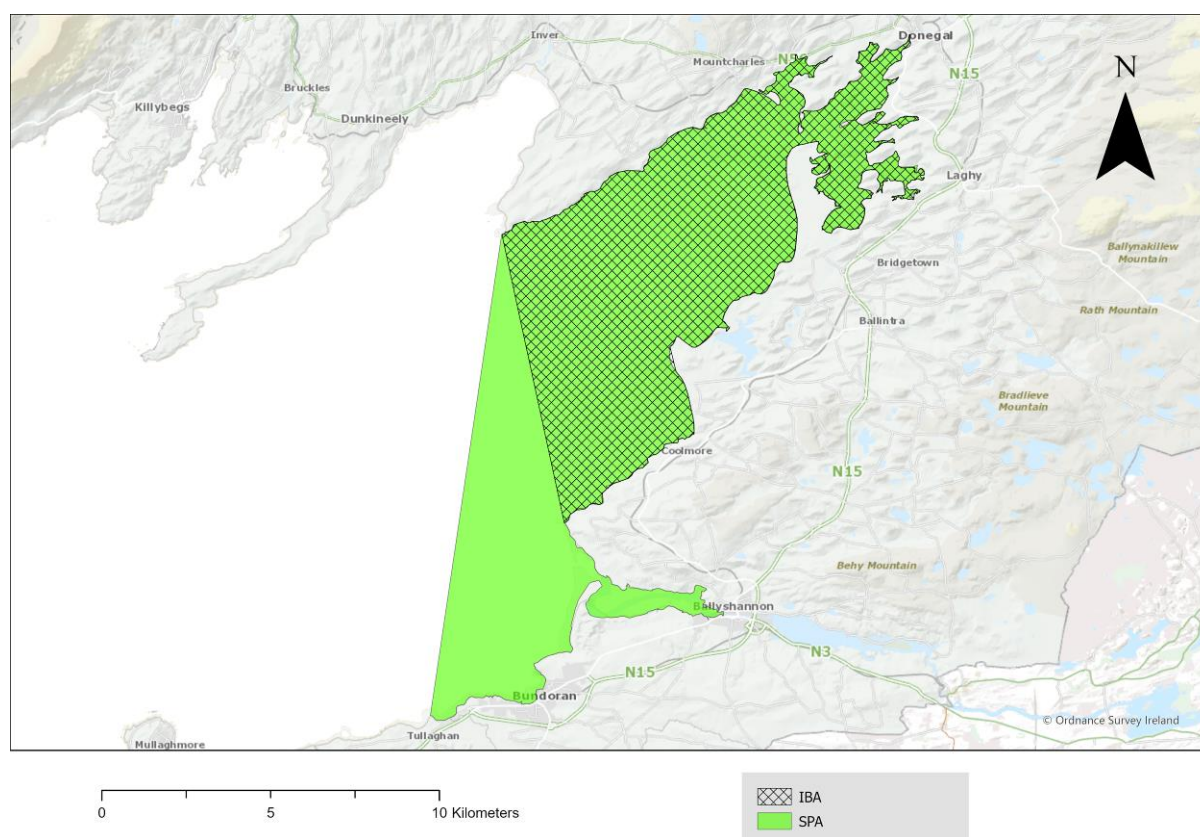


Fig 1: A comparison of Donegal Bay SPA with the boundary of the latest version of the associated IBA

## Nanny Estuary and shoreline

This site includes the muddy estuarine channel of the River Nanny, which opens out into a wide, exposed sand beach. The River Nanny Estuary and Shore SPA is larger than the original version on the IBA but much smaller than the current version of the IBA (Table 2a, 2b). The boundaries of the SPA and the current IBA differ, see areas 1 and 2 on Figure 2a. The SPA contains more of the inner estuary than the current version of the IBA as well as an additional section of shoreline to the north of the IBA boundary (area 1, Fig 2b). This area provides suitable feeding habitat for the wading birds that are species of special conservation interest for the SPA. The IBA contains more marine waters than the SPA and also extends further south than the SPA along the shoreline (area 2, Fig 2b). As wading birds are the primary species of interest at this site the marine waters were not included in the SPA as they feed on intertidal and terrestrial habitats. However, this marine is covered by the recently advertised North-West Irish Sea cSPA.

Table 2a: Details of River Nanny Estuary and Shore SPA

| SPA Code  | SPA Name                          | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------------------------|---|-----------|---|---|
| IE0004158 | River Nanny Estuary and Shore SPA | Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Knot ( <i>Calidris canutus</i> ) [A143], Sanderling ( <i>Calidris alba</i> ) [A144], Herring Gull ( <i>Larus argentatus</i> ) [A184], Wetland and Waterbirds [A999] | 230       | <a href="https://www.npws.ie/protected-sites/spa/004158">https://www.npws.ie/protected-sites/spa/004158</a> | <a href="https://www.irishtstatutebook.ie/2012/en/si/0140.html">https://www.irishtstatutebook.ie/2012/en/si/0140.html</a> |

Table 2b: Details of Nanny Estuary & shoreline IBA

| IBA Code | IBA Name                  | IBA QI                           | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------------------|----------------------------------|----------------------------|---------------|
| 118      | Nanny estuary & shoreline | Knot ( <i>Calidris canutus</i> ) | 150                        | 1,427         |



Fig 2a: A comparison of the River Nanny Estuary and Shore SPA with the boundary of the latest version of the associated IBA



Fig 2b: A comparison of the River Nanny Estuary and Shore SPA with the boundary of the latest version of the associated IBA, area 1 (left) and area 2 (right)

### River Foyle (River Foyle: Carrigans and Swilly Burn valleys)

This River Foyle: Carrigans and Swilly Burn Valley IBA encompasses an 8-km estuarine stretch of the River Foyle, with mudflat and saltmarsh habitat and two river valleys, with wet meadow, arable fields and improved pasture (Fig 3). There is no corresponding SPA for this IBA.

Table 3: Details of River Foyle: Carrigans and Swilly Burn Valley IBA

| IBA Code | IBA Name  | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---|--|----------------------------|---------------|
| 6        | River Foyle: Carrigans and Swilly Burn Valley IBA | Whooper Swan ( <i>Cygnus Cygnus</i> ), Greenland White-fronted Goose ( <i>Anser albifrons flavirostris</i> ) | 2,300                      | 3,889         |



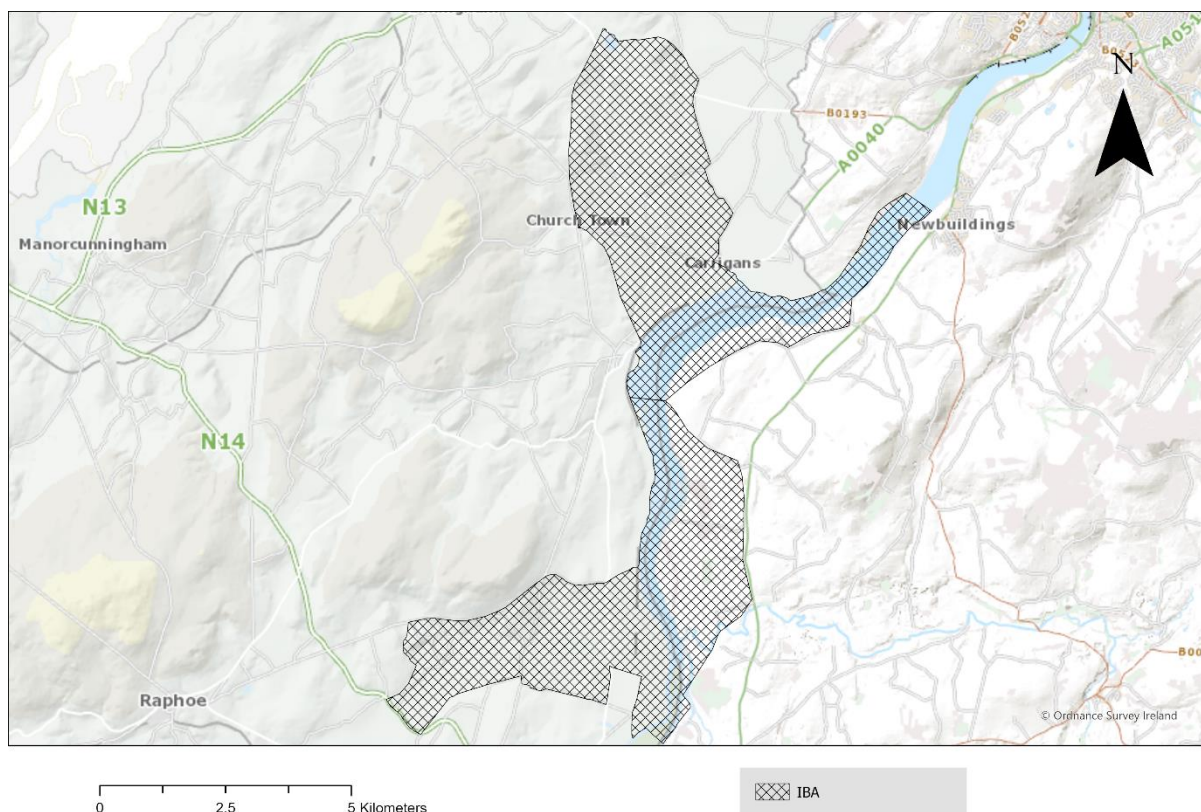


Fig 3: Latest version of River Foyle: Carrigans and Swilly Burn Valley IBA boundary

### Inner Clonakilty Bay

A tidal bay stretching from Clonakilty in west County Cork to the open sea, and comprising two small estuaries, separated by Inchydoney Island. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The current SPA (Fig 4) is approximately 80ha smaller in area than the original IBA (Table 4a, 4b).

Table 4a: Details of Clonakilty Bay SPA

| SPA Code  | SPA Name           | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|--------------------|---|-----------|---|---|
| IE0004081 | Clonakilty Bay SPA | Shelduck ( <i>Tadorna tadorna</i> ) [A048], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Curlew ( <i>Numenius arquata</i> ) [A160], Wetland and Waterbirds [A999] | 508       | <a href="https://www.npws.ie/protected-sites/spa/004081">https://www.npws.ie/protected-sites/spa/004081</a> | <a href="https://www.irisstatutebook.ie/2010/en/si/0060.html">https://www.irisstatutebook.ie/2010/en/si/0060.html</a> |

Table 4b: Details of Inner Clonakilty Bay IBA

| IBA Code | IBA Name             | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|----------------------|--|----------------------------|---------------|
| 83       | Inner Clonakilty Bay | Black-tailed Godwit ( <i>Limosa limosa</i> ), Curlew ( <i>Numenius arquata</i> ) | 588                        | NA            |

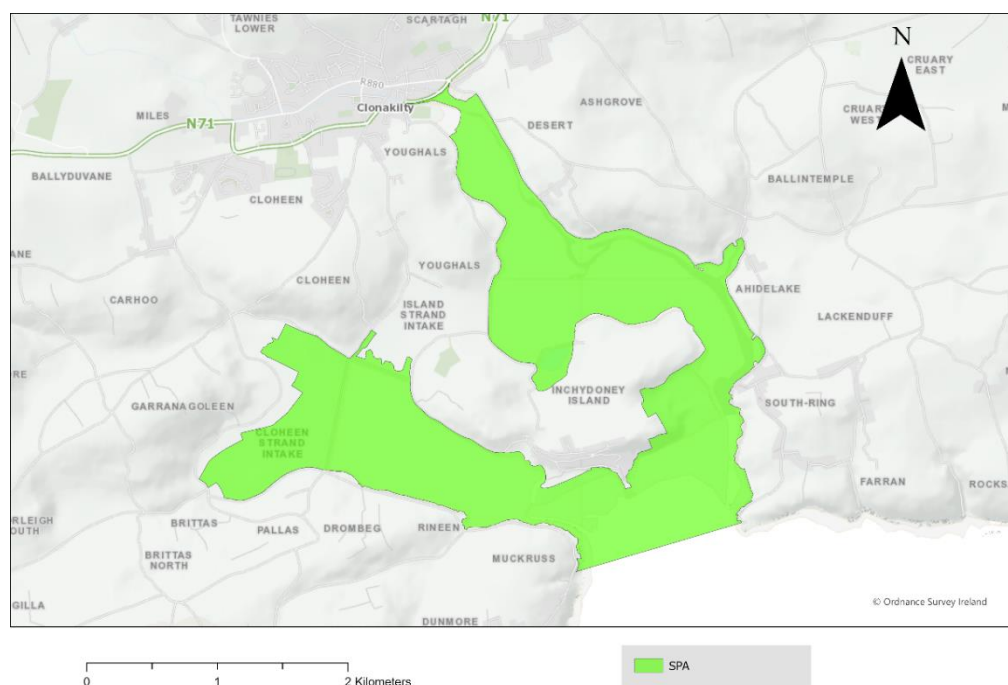


Fig 4: Current boundary of Clonakilty Bay SPA

### Ballysadare Bay

Ballysadare Bay is the most southern of the three estuarine areas which comprise Sligo Bay. The site encompasses extensive areas of mudflat, with well-developed saltmarsh in places. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The current SPA (Fig 5) is similar in size to the original IBA, 17 ha smaller in area (Table 5a, 5b).

Table 5a: Details of Ballysadare Bay SPA

| SPA Code  | SPA Name            | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------------|---|-----------|---|---|
| IE0004129 | Ballysadare Bay SPA | Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Dunlin ( <i>Calidris alpina</i> ) [A149], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Redshank ( <i>Tringa totanus</i> ) [A162], Wetland and Waterbirds [A999] | 2,129     | <a href="https://www.npws.ie/protected-sites/spa/004129">https://www.npws.ie/protected-sites/spa/004129</a> | <a href="https://www.irishtatutebook.ie/2011/en/si/0291.html">https://www.irishtatutebook.ie/2011/en/si/0291.html</a> |

Table 5a: Details of Ballysadare Bay IBA

| IBA Code | IBA Name            | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------------|---|----------------------------|---------------|
| 35       | Ballysadare Bay IBA | Brent Goose ( <i>Branta bernicla</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ) | 2,146                      | NA            |

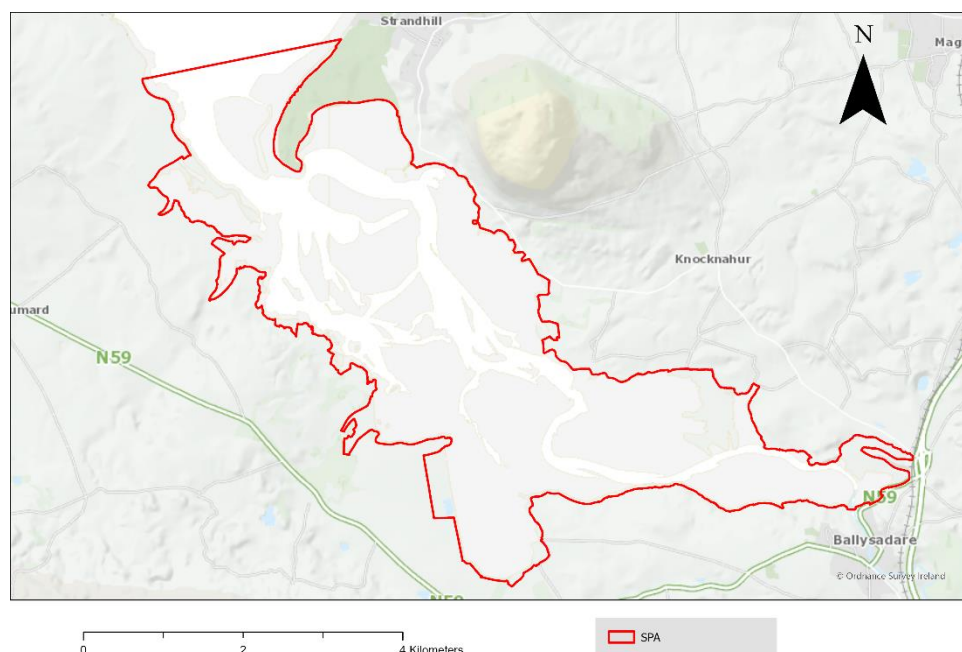


Fig 5: Current boundary of Ballysadare Bay SPA

### Durnesh Lough

Durnesh Lough is freshwater lake adjacent in County Donegal. The lake is separated from the sea by sand-dunes that is surrounded by extensive reedbeds and large areas of wet grassland. Durnesh Lough SPA is smaller in area than the original IBA but is over twice the area of the current version of the IBA. The IBA contains only the lake itself while the SPA encompasses the entire lake as well as the surrounding areas of wet grassland and fields (Fig 6). Overall, the SPA has 75 ha of additional area that is not included in the original IBA.

Table 6a: Details of Durnesh Lough SPA

| SPA Code  | SPA Name          | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-------------------|--|-----------|---|---|
| IE0004145 | Durnesh Lough SPA | Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Greenland White-fronted Goose ( <i>Anser albifrons flavirostris</i> ) [A395] | 144       | <a href="https://www.npws.ie/protected-sites/spa/004145">https://www.npws.ie/protected-sites/spa/004145</a> | <a href="https://www.irishtatutebook.ie/2011/en/si/0294.html">https://www.irishtatutebook.ie/2011/en/si/0294.html</a> |

Table 6b: Details of Durnesh Lough IBA

| IBA Code | IBA Name          | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-------------------|---|----------------------------|---------------|
| 29       | Durnesh Lough IBA | Mute Swan ( <i>Cygnus olor</i> ), Bewick's Swan ( <i>Cygnus columbianus</i> ) and Whooper Swan ( <i>Cygnus cygnus</i> ) | 365                        | 70            |

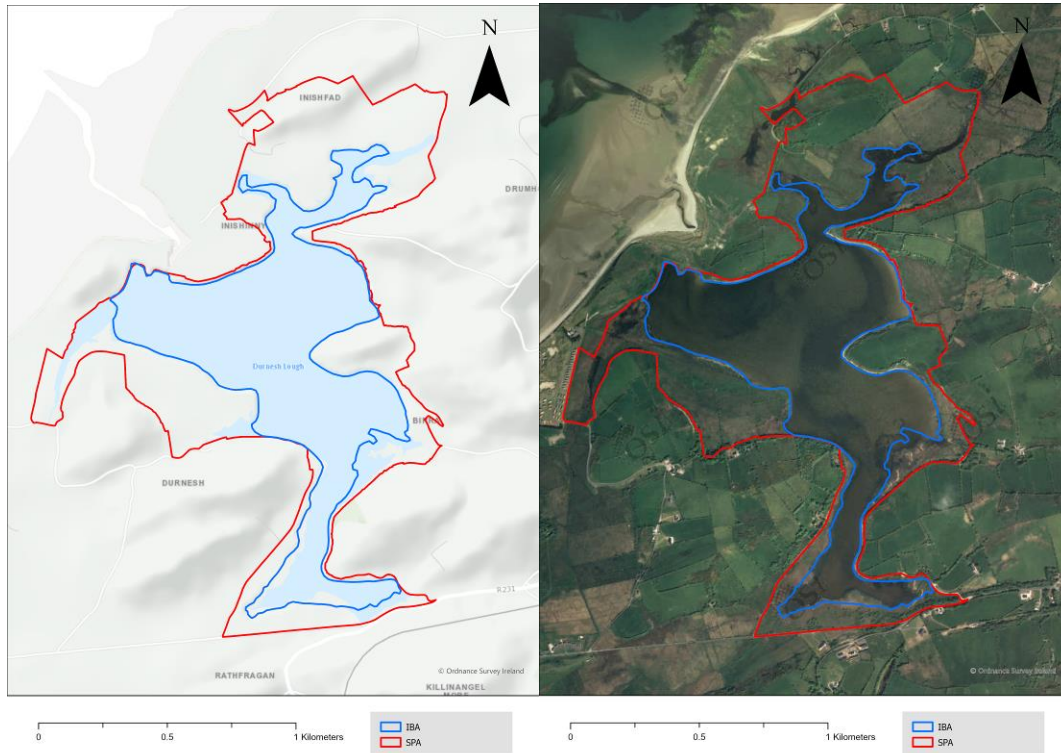


Fig 6: A comparison of Durnesh Lough SPA with the boundary of the latest version of the associated IBA



## Cahore Marshes

Cahore marshes comprises a large area of polder, which is separated from the sea by a ridge of sand-dunes. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The current SPA (Fig 7) area is 192 ha, smaller than the original IBA area of 450 ha (Table 7a, 7b). Sand-dunes are not used by species of special conservation interest for this SPA so are not included in the SPA.

Table 7a: Details of Cahore Marshes SPA

| SPA Code  | SPA Name           | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|--------------------|---|-----------|---|---|
| IE0004143 | Cahore Marshes SPA | Wigeon ( <i>Anas penelope</i> ) [A050], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Greenland White-fronted Goose ( <i>Anser albifrons flavirostris</i> ) [A395], Wetland and Waterbirds [A999] | 192       | <a href="https://www.npws.ie/protected-sites/spa/004143">https://www.npws.ie/protected-sites/spa/004143</a> | <a href="https://www.irisstatutebook.ie/2011/en/si/0293.html">https://www.irisstatutebook.ie/2011/en/si/0293.html</a> |

Table 7b: Details of Cahore Marshes IBA

| IBA Code | IBA Name           | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|--------------------|---|----------------------------|---------------|
| 103      | Cahore Marshes IBA | Bewick's Swan ( <i>Cygnus columbianus</i> ), White-fronted Goose ( <i>Anser albifrons</i> ), Golden Plover ( <i>Pluvialis apricaria</i> ) | 450                        | NA            |

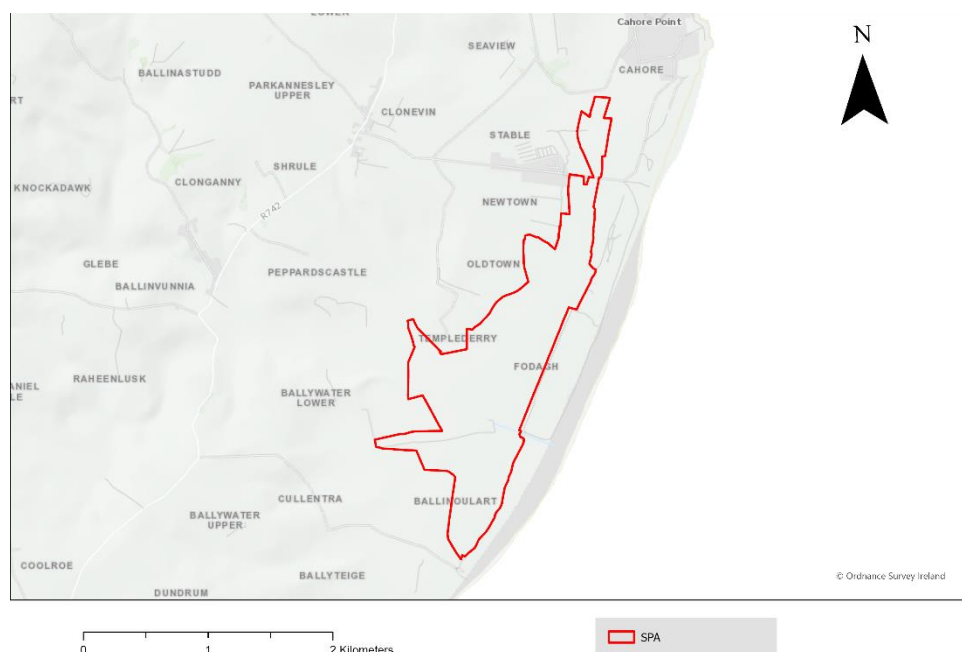


Fig 7: Current boundary of Cahore Marshes SPA

## Cross Lough

Cross lough is a coastal lagoon separated from the sea by a shingle ridge, within which there is a small islet. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The current SPA is much larger than the original IBA (Table 8a, 8b) as it encompasses the whole lough, a coastal section as well as the islet itself (Kiladoon) where the Sandwich Tern breed.

Table 8a: Details of Cross Lough (Killadoon) SPA

| SPA Code  | SPA Name                    | Special Conservation Interests                      | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------------------|---|-----------|---|---|
| IE0004212 | Cross Lough (Killadoon) SPA | Sandwich Tern ( <i>Sterna sandvicensis</i> ) [A191] | 27        | <a href="https://www.npws.ie/protected-sites/spa/004212">https://www.npws.ie/protected-sites/spa/004212</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0061.html">https://www.irishstatutebook.ie/2010/en/si/0061.html</a> |

Table 8b: Details of Cross Lough (Killadoon) IBA

| IBA Code | IBA Name                    | IBA QI                                       | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-----------------------------|--|----------------------------|---------------|
| 50       | Cross Lough (Killadoon) IBA | Sandwich Tern ( <i>Sterna sandvicensis</i> ) | 1                          | NA            |

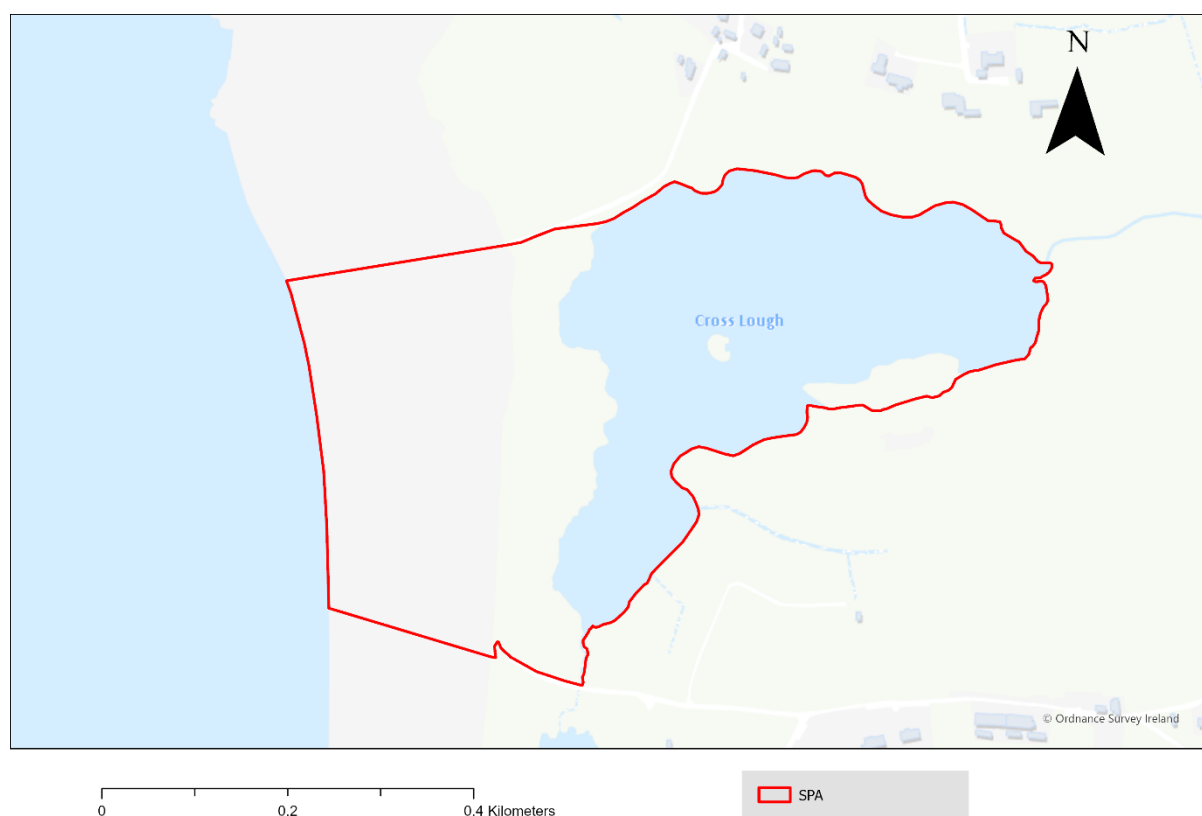


Fig 8: Current boundary of Cross Lough (Killadoon) SPA

### Roaninish Island

A group of small, flat, uninhabited islets, located off Dawros Head in County Donegal. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The current SPA is marginally larger than the original IBA.

Table 9a: Details of Roaninish SPA

| SPA Code   | SPA Name      | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|------------|---------------|--|-----------|---|---|
| IE0004 121 | Roaninish SPA | Barnacle Goose ( <i>Branta leucopsis</i> ) [A045], Herring Gull ( <i>Larus argentatus</i> ) [A184] | 146       | <a href="https://www.npws.ie/protected-sites/spa/004121">https://www.npws.ie/protected-sites/spa/004121</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0113.html">https://www.irishstatutebook.ie/2010/en/si/0113.html</a> |

Table 9b: Details of Roaninish IBA

| IBA Code | IBA Name      | IBA QI                                       | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------|--|----------------------------|---------------|
| 19       | Roaninish IBA | Storm Petrel ( <i>Hydrobates pelagicus</i> ) | 144                        | NA            |

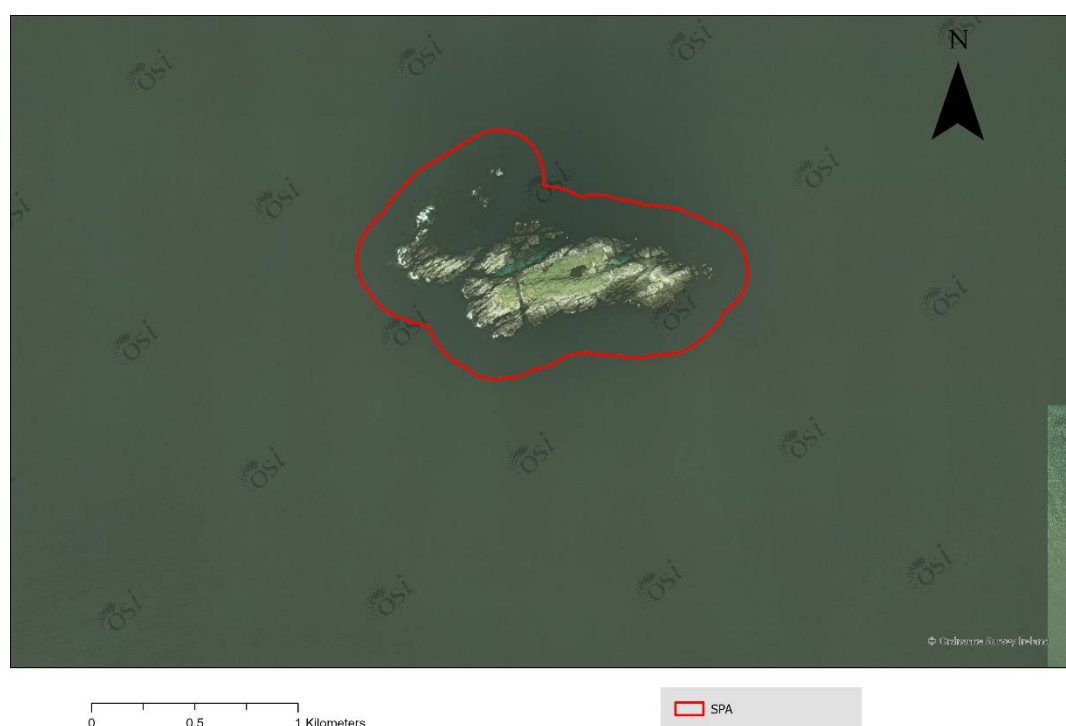


Fig 9: Current boundary of Roaninish SPA

## Rathlin O’Birne

Rathlin O’Birne Island is a medium-sized, rocky, marine island. Rathlin O’Birne Island SPA is very similar in area to both the old and current IBA versions, less than 1ha (Table 10a, 10b). All suitable terrestrial habitat for species of interest is covered in both IBAs and SPAs (Fig 10). Minor differences between the SPA and IBA occur on site boundaries within the marine area surrounding the island (Fig 10).

Table 10a: Details of Rathlin O’Birne Island SPA

| SPA Code  | SPA Name                   | Special Conservation Interests                    | Area (ha) | Further information   | Statutory Instrument  |
|-----------|----------------------------|---|-----------|---|---|
| IE0004120 | Rathlin O’Birne Island SPA | Barnacle Goose ( <i>Branta leucopsis</i> ) [A045] | 154       | <a href="https://www.npws.ie/protected-sites/spa/004120">https://www.npws.ie/protected-sites/spa/004120</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0112.html">https://www.irishstatutebook.ie/2010/en/si/0112.html</a> |

Table 10b: Details of Rathlin O’Birne IBA

| IBA Code | IBA Name            | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------------|--|----------------------------|---------------|
| 25       | Rathlin O’Birne IBA | Storm Petrel ( <i>Hydrobates Pelagicus</i> ), Barnacle Goose ( <i>Branta leucopsis</i> ) | 154                        | 154           |



Fig 10: A comparison of the Rathlin O’Birne Island SPA with the boundary of the latest version of the associated IBA

## Innishduff Island

Innishduff Island is a small, uninhabited, rocky, marine island. Innishduff SPA is very similar in area to both the old and current IBA versions, less than 1ha (Table 11a, 11b). All suitable breeding habitat for species of interest is covered in both IBAs and SPAs (Fig 11). Minor differences between the SPA and IBA occur on site boundaries within the marine area surrounding the island.

Table 11a: Details of Innishduff SPA

| SPA Code  | SPA Name       | SCI  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|----------------|--|-----------|---|---|
| IE0004115 | Innishduff SPA | Shag ( <i>Phalacrocorax aristotelis</i> ) [A018] | 46        | <a href="https://www.npws.ie/protected-sites/spa/004115">https://www.npws.ie/protected-sites/spa/004115</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0106.html">https://www.irishstatutebook.ie/2010/en/si/0106.html</a> |

Table 11b: Details of Innishduff IBA

| IBA Code | IBA Name       | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|----------------|---|----------------------------|---------------|
| 26       | Innishduff IBA | Shag ( <i>Phalacrocorax aristotelis</i> ), Great black-backed Gull ( <i>Larus marinus</i> ) | 47                         | 47            |

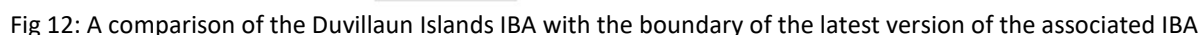


Fig 11: A comparison of the Innishduff SPA with the boundary of the latest version of the associated IBA

The Duvillaun Islands are a group of five offshore islands with outlying rocks and reefs. The Duvillaun Islands SPA is very similar in area to both the old and current IBA versions. The difference in area between the SPA and the current IBA is less than one hectare (Table 12a, 12b). All suitable terrestrial habitat within this site for species of interest is covered in both the IBA and the SPA (Fig 12). Minor differences between the SPA and IBA occur on site boundaries within the marine area surrounding the island.

| SPA Code  | SPA Name              | SCI   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------------|---|-----------|---|---|
| IE0004111 | Duvillaun Islands SPA | Fulmar ( <i>Fulmarus glacialis</i> ) [A009], Storm Petrel ( <i>Hydrobates pelagicus</i> ) [A014], Barnacle Goose ( <i>Branta leucopsis</i> ) [A045] | 530       | <a href="https://www.npws.ie/protected-sites/spa/004111">https://www.npws.ie/protected-sites/spa/004111</a> | <a href="https://www.irishtatutebook.ie/2010/en/si/0064.html">https://www.irishtatutebook.ie/2010/en/si/0064.html</a> |

| IBA Code | IBA Name              | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-----------------------|---|----------------------------|---------------|
| 44       | Duvillaun Islands IBA | Barnacle Goose ( <i>Branta leucopsis</i> ), Great Black-backed Gull ( <i>Larus marinus</i> ), Black Guillemot ( <i>Cepphus grylle</i> ) | 446                        | 530           |



## Magheree Islands

The Magheree Islands are a group of islands, islets and shallow reefs off the Castlegregory peninsula in County Kerry. The Magheree Islands SPA is larger in area than both the old and current version of the IBA (Table 13a, 13b). The SPA boundary is very similar to that of the current SPA. However, the SPA includes two extra islands to the south, Illaunnanoon and Doonagaun, that are not covered by the IBA (Figure 13). Common Gull is a species of conservation interest for this SPA and breeds on Illaunnanoon.

Table 13a: Details of Magheree Islands SPA

| SPA Code   | SPA Name             | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|------------|----------------------|--|-----------|---|---|
| IE0004 125 | Magheree Islands SPA | Storm Petrel ( <i>Hydrobates pelagicus</i> ) [A014], Shag ( <i>Phalacrocorax aristotelis</i> ) [A018], Barnacle Goose ( <i>Branta leucopsis</i> ) [A045], Common Gull ( <i>Larus canus</i> ) [A182], Common Tern ( <i>Sterna hirundo</i> ) [A193], Arctic Tern ( <i>Sterna paradisaea</i> ) [A194], Little Tern ( <i>Sterna albifrons</i> ) [A195] | 417       | <a href="https://www.npws.ie/protected-sites/spa/004125">https://www.npws.ie/protected-sites/spa/004125</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0139.html">https://www.irishstatutebook.ie/2012/en/si/0139.html</a> |

Table 13b: Details of Magheree Islands, Mucklaghmore and Illaunbarnagh IBA

| IBA Code | IBA Name   | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|--|---|----------------------------|---------------|
| 70       | Magheree Islands, Mucklaghmore and Illaunbarnagh IBA | Shag <i>Phalacrocorax aristotelis</i> , Lesser Black-backed Gull <i>Larus fuscus</i> , Arctic Tern <i>Sterna paradisaea</i> , Little Tern <i>Sterna albifrons</i> | 370                        | 368           |

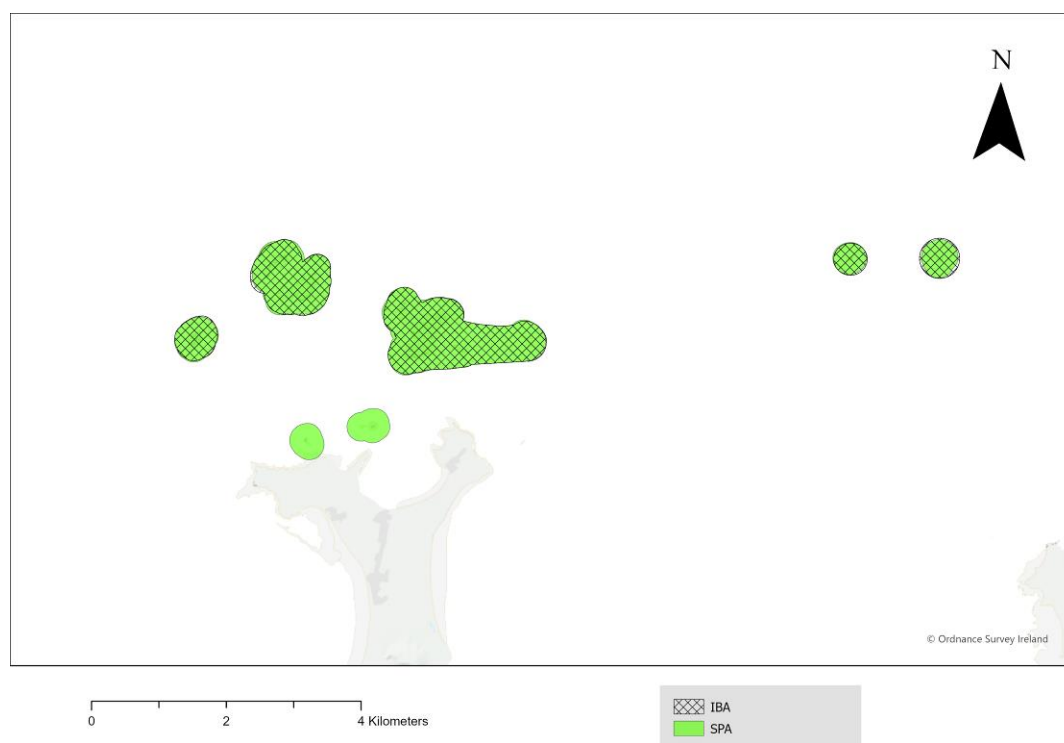


Fig 13: A comparison of the Magheree Islands SPA with the boundary of the latest version of the associated IBA

## Keeragh Islands

The Keeraghs are two low-lying islets located off the coast of County Wexford. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The current SPA (Fig 14) is much larger than the original IBA encompassing both islands and surrounding marine waters.

Table 14a: Details of Keeragh Islands SPA

| SPA Code  | SPA Name            | Special Conservation Interests                  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------------|---|-----------|---|---|
| IE0004118 | Keeragh Islands SPA | Cormorant ( <i>Phalacrocorax carbo</i> ) [A017] | 80        | <a href="https://www.npws.ie/protected-sites/spa/004118">https://www.npws.ie/protected-sites/spa/004118</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0068.html">https://www.irishstatutebook.ie/2010/en/si/0068.html</a> |

Table 14b: Details of Keeragh Islands IBA

| IBA Code | IBA Name            | IBA QI    | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------------|-----------|----------------------------|---------------|
| 97       | Keeragh Islands IBA | Undefined | 22                         | NA            |



Fig 14: Current boundary of Keeragh Islands SPA



## Skerries Islands

The Skerries Islands are a group of three small islands (Shenicks, St Patricks and Colt). The Skerries Islands SPA is very similar in area to the current IBA version, a difference of less than one hectare (Table 15a, 15b). However, the SPA area is 155 ha larger than the older version of the IBA. All suitable terrestrial habitat for species of interest is covered in both IBAs and SPAs (Fig 15). Minor differences between the SPA and IBA occur on site boundaries within the marine area surrounding the island.

Table 15a: Details of Skerries Islands SPA

| SPA Code  | SPA Name             | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|----------------------|---|-----------|---|---|
| IE0004122 | Skerries Islands SPA | Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Shag ( <i>Phalacrocorax aristotelis</i> ) [A018], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Purple Sandpiper ( <i>Calidris maritima</i> ) [A148], Turnstone ( <i>Arenaria interpres</i> ) [A169], Herring Gull ( <i>Larus argentatus</i> ) [A184] | 217       | <a href="https://www.npws.ie/protected-sites/spa/004122">https://www.npws.ie/protected-sites/spa/004122</a> | <a href="https://www.irisstatutebook.ie/2010/en/si/0245.html">https://www.irisstatutebook.ie/2010/en/si/0245.html</a> |

Table 15b: Details of Skerries Islands IBA

| IBA Code | IBA Name             | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|----------------------|---|----------------------------|---------------|
| 116      | Skerries Islands IBA | Shag ( <i>Phalacrocorax aristotelis</i> ), Brent Goose ( <i>Branta bernicla</i> ) | 62                         | 217           |



Fig 15: A comparison of Skerries Islands SPA with the boundary of the latest version of the associated IBA

## Helvick Head

Helvick Head is comprised of steep sandstone cliffs on the southern tip of Dungarvan Harbour in County Waterford. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The current SPA (Fig 16) is much larger than the original IBA, encompassing a greater area of cliffs to the south encompassing coastal habitat for Chough.

Table 16a: Details of Helvick Head to Ballyquin SPA

| SPA Code  | SPA Name                      | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-------------------------------|--|-----------|---|---|
| IE0004192 | Helvick Head to Ballyquin SPA | Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Peregrine ( <i>Falco peregrinus</i> ) [A103], Herring Gull ( <i>Larus argentatus</i> ) [A184], Kittiwake ( <i>Rissa tridactyla</i> ) [A188], Chough ( <i>Pyrrhocorax pyrrhocorax</i> ) [A346] | 784       | <a href="https://www.npws.ie/protected-sites/spa/004192">https://www.npws.ie/protected-sites/spa/004192</a> | <a href="https://www.irisstatutebook.ie/2010/en/si/0277.html">https://www.irisstatutebook.ie/2010/en/si/0277.html</a> |

Table 16b: Details of Helvick Head IBA

| IBA Code | IBA Name         | IBA QI      | Area (Heath & Evans, 2000) | Area (latest) |
|----------|------------------|-------------|----------------------------|---------------|
| 93       | Helvick Head IBA | Not defined | 78                         | NA            |

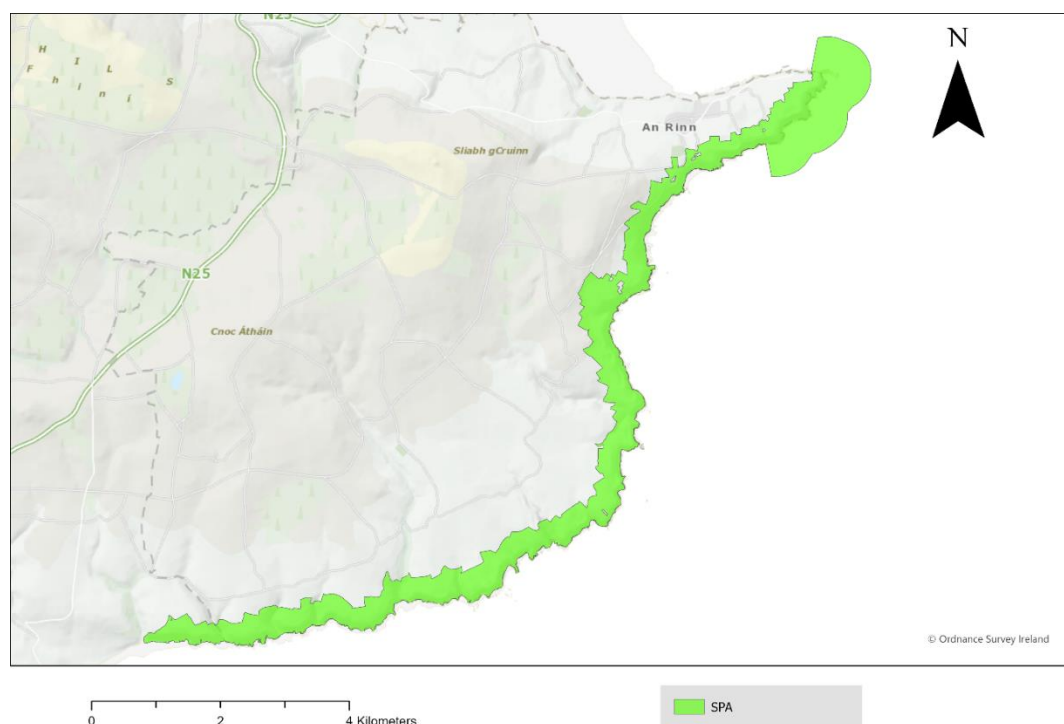


Fig 16: Current boundary of Helvick Head to Ballyquin SPA

## Howth Head

Howth Head is a rocky headland with sea cliffs on the northern side of Dublin Bay. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The current SPA (Fig 17) is over twice the size of the original IBA area (Table 17a, 17b).

Fig 17a: Details of Howth Head Coast SPA

| SPA Code  | SPA Name             | Special Conservation Interests               | Area (ha) | Further information   | Statutory Instrument  |
|-----------|----------------------|--|-----------|---|---|
| IE0004113 | Howth Head Coast SPA | Kittiwake ( <i>Rissa tridactyla</i> ) [A188] | 208       | <a href="https://www.npws.ie/protected-sites/spa/004113">https://www.npws.ie/protected-sites/spa/004113</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0185.html">https://www.irishstatutebook.ie/2012/en/si/0185.html</a> |

Fig 17b: Details of Howth Head Coast IBA

| IBA Code | IBA Name       | IBA QI                                   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|----------------|--|----------------------------|---------------|
| 110      | Howth Head IBA | Black Guillemot ( <i>Cephus grylle</i> ) | 102                        | NA            |

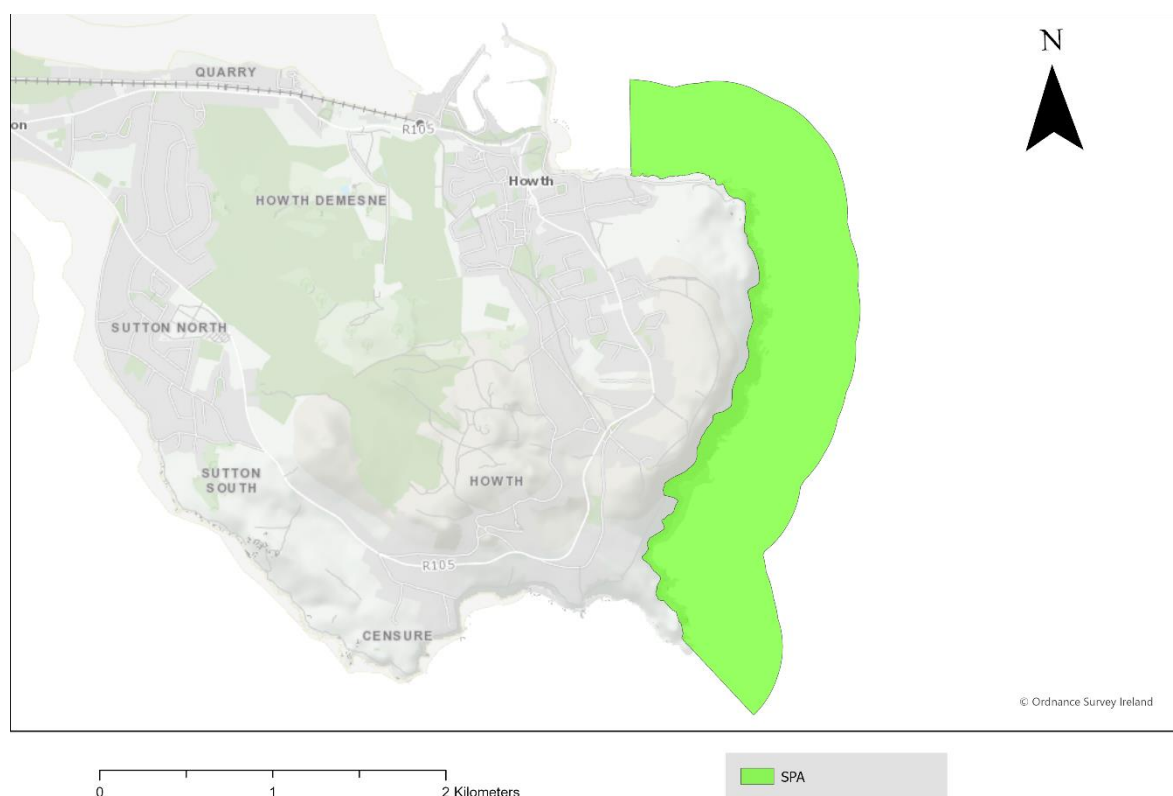


Fig 17: Current boundary of Howth Head Coast SPA

## Illaunearaun

Illaunonearaun is a small island off the County Clare coast. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The current SPA (Fig 18) area of 46 ha is the same as the original IBA area (Table 18a, 18b).

Fig 18a: Details of Illaunonearaun SPA

| SPA Code  | SPA Name           | Special Conservation Interests                    | Area (ha) | Further information   | Statutory Instrument  |
|-----------|--------------------|---|-----------|---|---|
| IE0004114 | Illaunonearaun SPA | Barnacle Goose ( <i>Branta leucopsis</i> ) [A045] | 46        | <a href="https://www.npws.ie/protected-sites/spa/004114">https://www.npws.ie/protected-sites/spa/004114</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0067.html">https://www.irishstatutebook.ie/2010/en/si/0067.html</a> |

Fig 18b: Details of Illaunonearaun IBA

| IBA Code | IBA Name           | IBA QI                                     | Area (Heath & Evans, 2000) | Area (latest) |
|----------|--------------------|--|----------------------------|---------------|
| 66       | Illaunonearaun IBA | Barnacle Goose ( <i>Branta leucopsis</i> ) | 46                         | NA            |

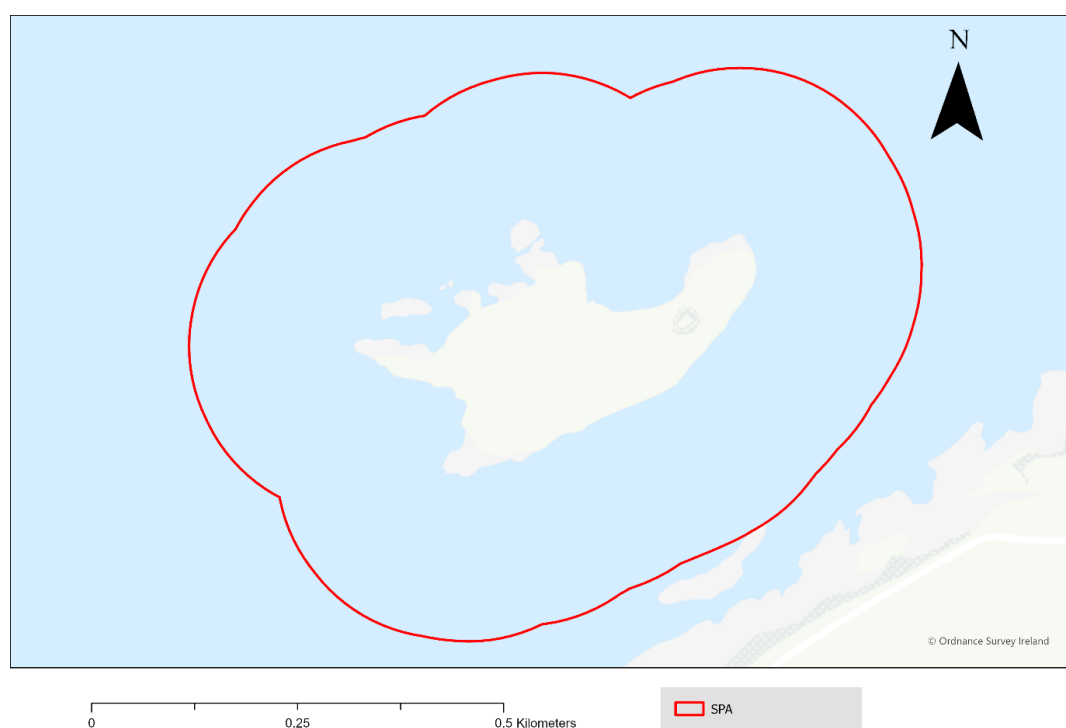


Fig 18: Current boundary of Illaunonearaun SPA

## Inishkeel Island

Inishkeel is a small island in Gweebarra Bay. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The current SPA is similar in size, only 2 ha smaller, than the original IBA.

Fig 19a: Details of Inishkeel SPA

| SPA Code  | SPA Name      | Special Conservation Interests                    | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------|---|-----------|---|---|
| IE0004116 | Inishkeel SPA | Barnacle Goose ( <i>Branta leucopsis</i> ) [A045] | 124       | <a href="https://www.npws.ie/protected-sites/spa/004116">https://www.npws.ie/protected-sites/spa/004116</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0239.html">https://www.irishstatutebook.ie/2010/en/si/0239.html</a> |

Fig 19b: Details of Inishkeel IBA

| IBA Code | IBA Name      | IBA QI                                     | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------|--|----------------------------|---------------|
| 21       | Inishkeel IBA | Barnacle Goose ( <i>Branta leucopsis</i> ) | 126                        | NA            |

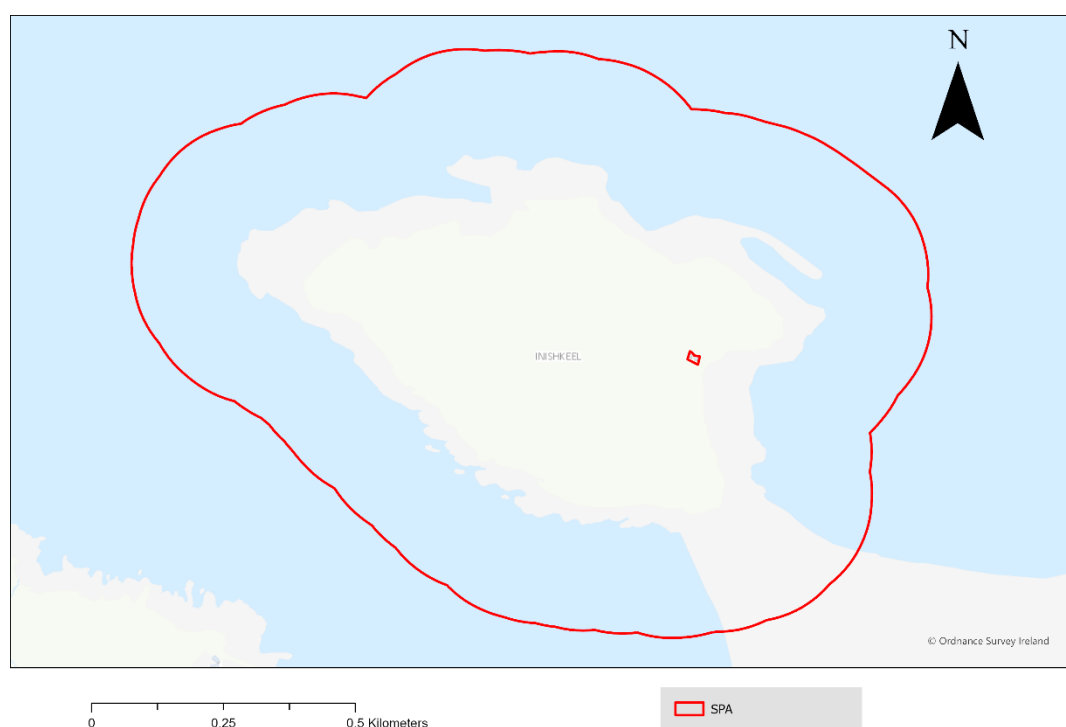


Fig 19: Current boundary of Inishkeel SPA

## Ireland's Eye

Ireland's Eye is an uninhabited island north of Howth, in County Dublin. Ireland's Eye SPA is larger than both the original and current version of the IBA (Table 20a, 20b). The boundaries of the SPA and the current version are very similar (Fig 20). However, there is an area of marine waters on the western side of the island covered by the SPA that is not included in the current version of the IBA. This area of coastal water was included to cover an area for maintenance activities of listed breeding seabirds present on the island.

Fig 20a: Details of Ireland's Eye SPA

| SPA Code  | SPA Name          | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-------------------|--|-----------|---|---|
| IE0004117 | Ireland's Eye SPA | Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Herring Gull ( <i>Larus argentatus</i> ) [A184], Kittiwake ( <i>Rissa tridactyla</i> ) [A188], Guillemot ( <i>Uria aalge</i> ) [A199], Razorbill ( <i>Alca torda</i> ) [A200] | 214       | <a href="https://www.npws.ie/protected-sites/spa/004117">https://www.npws.ie/protected-sites/spa/004117</a> | <a href="https://www.irishtatutebook.ie/2010/en/si/0240.html">https://www.irishtatutebook.ie/2010/en/si/0240.html</a> |

Fig 20b: Details of Ireland's Eye IBA

| IBA Code | IBA Name          | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-------------------|--|----------------------------|---------------|
| 111      | Ireland's Eye IBA | Gannet ( <i>Morus bassanus</i> ), Cormorant ( <i>Phalacrocorax carbo</i> ), Kittiwake ( <i>Rissa tridactyla</i> ), Guillemot ( <i>Uria aalge</i> ), Razorbill ( <i>Alca torda</i> ). | 90                         | 178           |



Fig 20: A comparison of the Ireland's Eye SPA with the boundary of the latest version of the associated IBA

## Loop Head

Loop Head is comprised of high sea cliffs and sea stacks on the coast of County Clare. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The current SPA (Fig 21) is smaller in area than the original IBA by 24ha (Table 21a, 21b).

Fig 21a: Details of Loop Head SPA

| SPA Code  | SPA Name      | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------|--|-----------|---|---|
| IE0004119 | Loop Head SPA | Kittiwake ( <i>Rissa tridactyla</i> ) [A188], Guillemot ( <i>Uria aalge</i> ) [A199] | 377       | <a href="https://www.npws.ie/protected-sites/spa/004119">https://www.npws.ie/protected-sites/spa/004119</a> | <a href="https://www.irishstatutebook.ie/2011/en/si/0591.html">https://www.irishstatutebook.ie/2011/en/si/0591.html</a> |

Fig 21b: Details of Loop Head IBA

| IBA Code | IBA Name      | IBA QI      | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------|-------------|----------------------------|---------------|
| 67       | Loop Head IBA | Not defined | 401                        | NA            |



Fig 21: Current boundary of Loop Head SPA



## Tormore Island

This is a small island on the coast of County Donegal. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. However, the island and some surrounding waters is totally encapsulated by West Donegal Coast SPA (Fig 22).

Table 22a: Details of West Donegal Coast SPA

| SPA Code   | SPA Name               | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|------------|------------------------|---|-----------|---|---|
| IE0004 150 | West Donegal Coast SPA | Fulmar ( <i>Fulmarus glacialis</i> ) [A009], Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Shag ( <i>Phalacrocorax aristotelis</i> ) [A018], Peregrine ( <i>Falco peregrinus</i> ) [A103], Herring Gull ( <i>Larus argentatus</i> ) [A184], Kittiwake ( <i>Rissa tridactyla</i> ) [A188], Razorbill ( <i>Alca torda</i> ) [A200], Chough ( <i>Pyrrhonorax pyrrhonorax</i> ) [A346] | 3,377     | <a href="https://www.npws.ie/protected-sites/spa/004150">https://www.npws.ie/protected-sites/spa/004150</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0389.html">https://www.irishstatutebook.ie/2010/en/si/0389.html</a> |

Table 22b: Details of Tormore Island IBA

| IBA Name           | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|--------------------|--|----------------------------|---------------|
| Tormore Island IBA | Kittiwake ( <i>Rissa tridactyla</i> ), Puffin ( <i>Fratercula arctica</i> ), Razorbill ( <i>Alca torda</i> ) - not listed in same format as rest of document | 30                         | NA            |

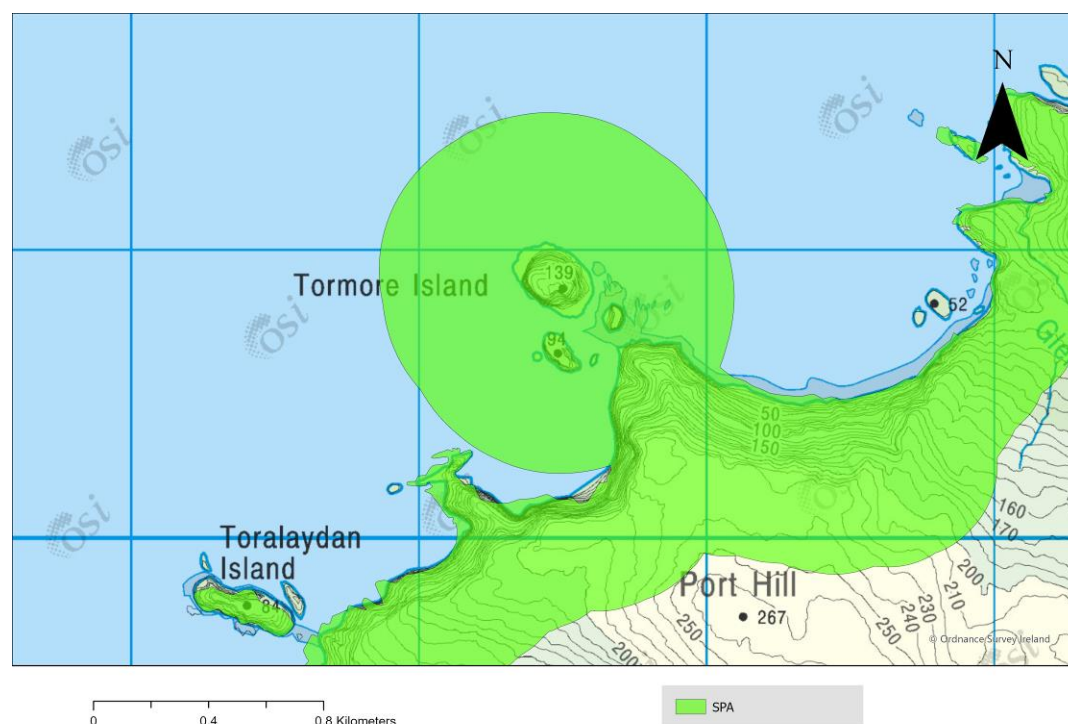


Fig 22: Selected section of West Donegal Coast SPA showing Tormore Island



## Wicklow Head

Wicklow Head is a rocky headland with sheer cliffs and inlets off the coast of County Wicklow. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The original IBA of Wicklow Head (IBA Code: 104) did not have species of qualifying interest and had an area of 134ha. As per the SPA review document (2013) Wicklow Head does not have a selection interest and is therefore under consideration for de-designation.

## Sovereign Islands

The Sovereign Islands are two small, flat-topped islands on the coast of County Cork. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The SPA is much larger in area than the original version of the IBA (Tabl 23a, 23b). The SPA contains both the islands as well as the surrounding marine water (Fig 23).

Table 23a: Details of Sovereign Islands SPA

| SPA Code   | SPA Name              | Special Conservation Interests                  | Area (ha) | Further information   | Statutory Instrument  |
|------------|-----------------------|---|-----------|---|---|
| IE0004 124 | Sovereign Islands SPA | Cormorant ( <i>Phalacrocorax carbo</i> ) [A017] | 29        | <a href="https://www.npws.ie/protected-sites/spa/004123">https://www.npws.ie/protected-sites/spa/004123</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0114.html">https://www.irishstatutebook.ie/2010/en/si/0114.html</a> |

Table 23b: Details of Sovereign Islands IBA

| IBA Code | IBA Name              | IBA QI      | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-----------------------|-------------|----------------------------|---------------|
| 87       | Sovereign Islands IBA | Not defined | 2                          | NA            |

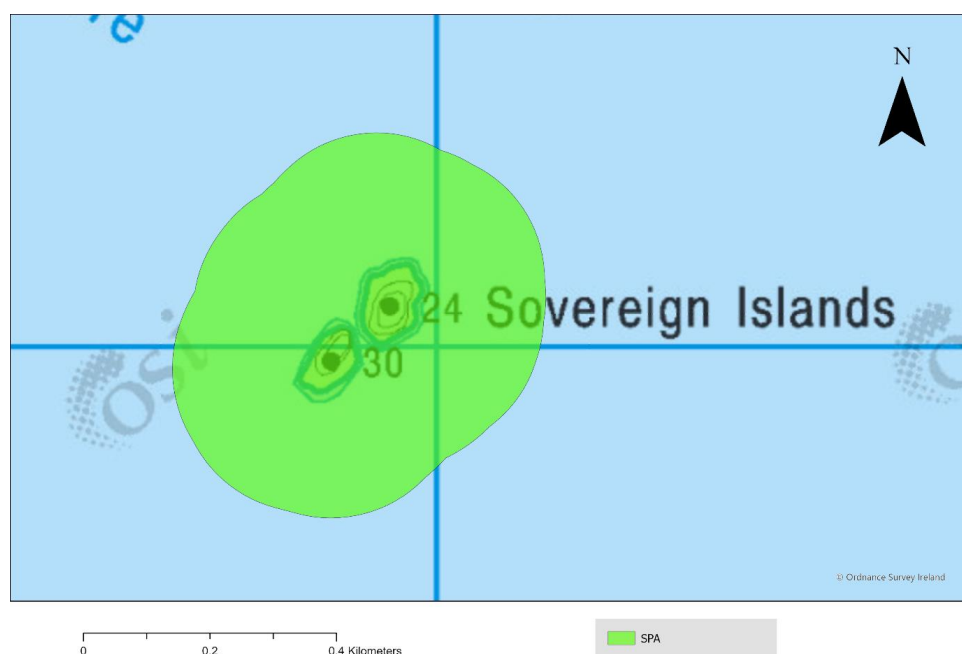


Fig 23: Current boundary of Sovereign Islands SPA

## Connemara Islands

This is a very large site encompassing many small islands and islets. Slyne Head to Ardmore Point Islands SPA is much smaller than both the original and current version the IBA (Table 24a and 24b). The SPA focuses on a smaller amount of islands and their adjacent (Table 24a).

Table 24a: Details of Slyne Head to Ardmore Point Islands SPA

| SPA Code  | SPA Name                                | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---|---|-----------|---|---|
| IE0004159 | Slyne Head to Ardmore Point Islands SPA | Barnacle Goose ( <i>Branta leucopsis</i> ) [A045], Sandwich Tern ( <i>Sterna sandvicensis</i> ) [A191], Arctic Tern ( <i>Sterna paradisaea</i> ) [A194], Little Tern ( <i>Sterna albifrons</i> ) [A195] | 3378      | <a href="https://www.npws.ie/protected-sites/spa/004159">https://www.npws.ie/protected-sites/spa/004159</a> | <a href="https://www.irishtatutebook.ie/2012/en/si/0177.html">https://www.irishtatutebook.ie/2012/en/si/0177.html</a> |

Table 24b: Details of Connemara Islands IBA

| IBA Code | IBA Name              | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-----------------------|--|----------------------------|---------------|
| 54       | Connemara Islands IBA | Barnacle Goose <i>Branta leucopsis</i> , Sandwich Tern <i>Sterna sandvicensis</i> , Common Tern <i>Sterna hirundo</i> , Arctic Tern <i>Sterna paradisaea</i> , Little Tern <i>Sterna albifrons</i> | 20,000                     | 57,333        |

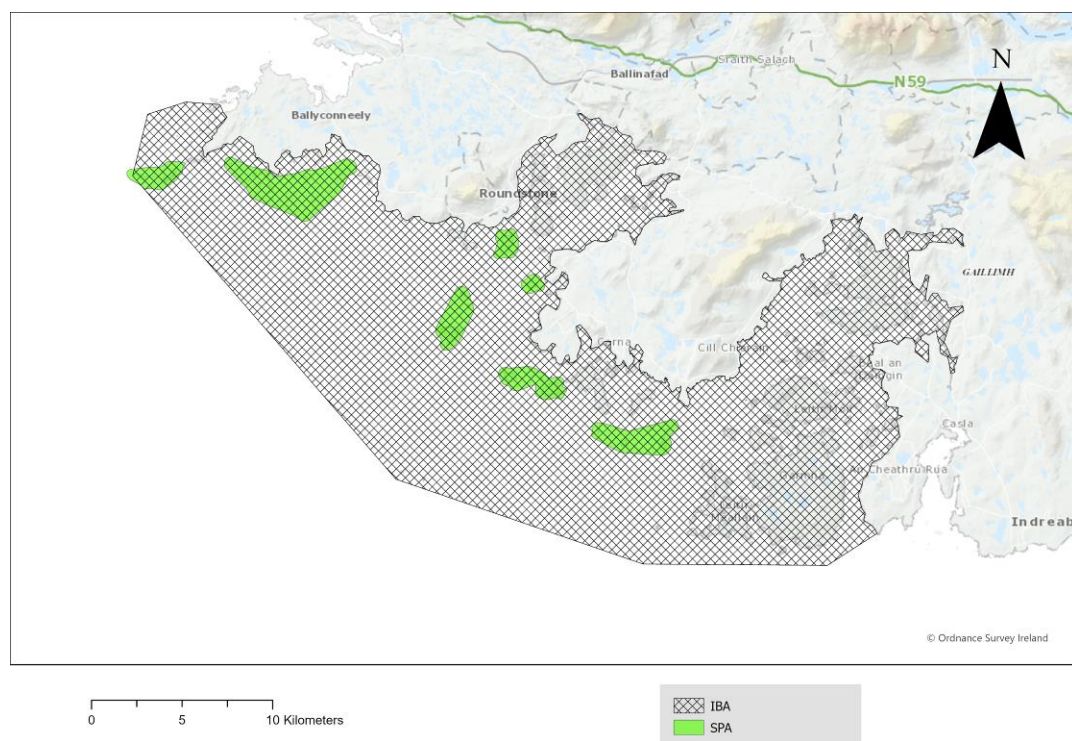


Fig 24: A comparison of Slyne Head to Ardmore Point Islands SPA with the boundary of the latest version of the associated IBA

### Upper Barrow Floodplain

This a river and flood-plain site. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. The original IBA of the Upper Barrow flood-plain (IBA Code: 108) had Bewick's Swan (*Cygnus columbianus*) and Whooper Swan (*Cygnus cygnus*) as species of qualifying interest and had an area of 1000ha. As per the SPA Review this site was not selected for SPA classification.

### Lough Rea

Lough Rea is a small lake with islands and some reed-swamp in County Galway. Lough Rea SPA is larger the original version of the IBA but very similar in size to the current IBA version, a difference of less than 1 ha (Table 25a, 25b). The boundaries of the SPA and current IBA are very similar. Minor differences are highlighted in areas 1-4 in Fig 25a. In some instances the SPA contains more areas of habitat surrounding the lake than the IBA, area 1 and Fig 25b. In other instances the IBA takes in structures such as buildings, piers and carparks. The SPA sticks closely to the boundary of the lake so that these structures are not included and only areas of suitable habitat for waterfowl, areas 2, 3 and 4. Satellite imagery of these areas are highlighted in Fig 25b, c, d and e respectively.

Table 25a: Details of Lough Rea SPA

| SPA Code  | SPA Name      | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------|---|-----------|---|---|
| IE0004134 | Lough Rea SPA | Shoveler ( <i>Anas clypeata</i> ) [A056], Coot ( <i>Fulica atra</i> ) [A125], Wetland and Waterbirds [A999] | 365       | <a href="https://www.npws.ie/protected-sites/spa/004134">https://www.npws.ie/protected-sites/spa/004134</a> | <a href="https://www.irishtatutebook.ie/2010/en/si/0072.html">https://www.irishtatutebook.ie/2010/en/si/0072.html</a> |

Table 25b: Details of Lough Rea IBA

| IBA Code | IBA Name      | IBA QI                            | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------|-----------------------------------|----------------------------|---------------|
| 59       | Lough Rea IBA | Shoveler ( <i>Anas clypeata</i> ) | 200                        | 365.5         |

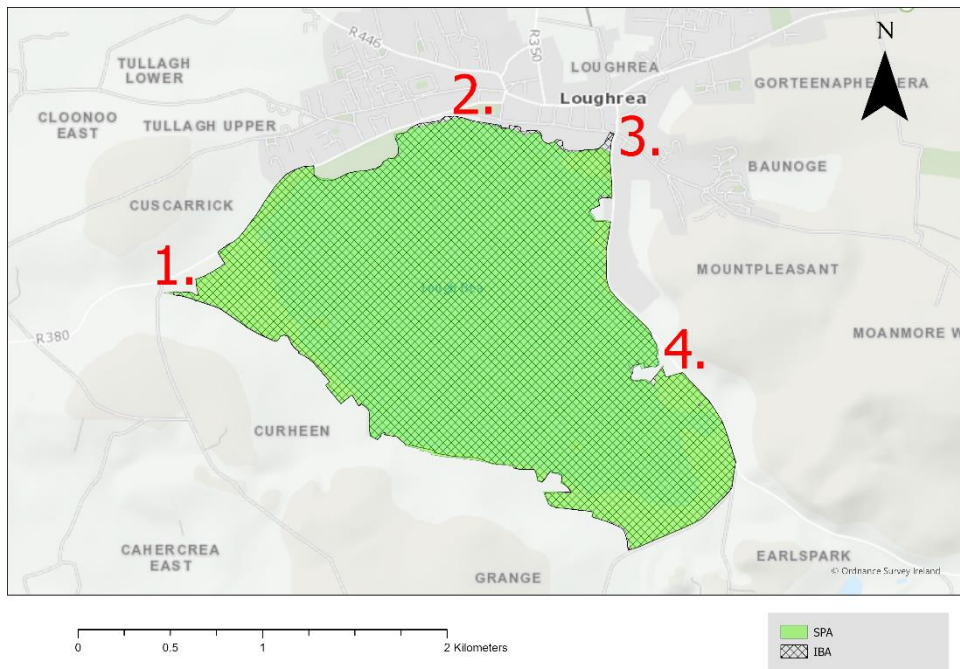


Fig 25a: A comparison of Lough Rea SPA with the boundary of the latest version of the associated IBA

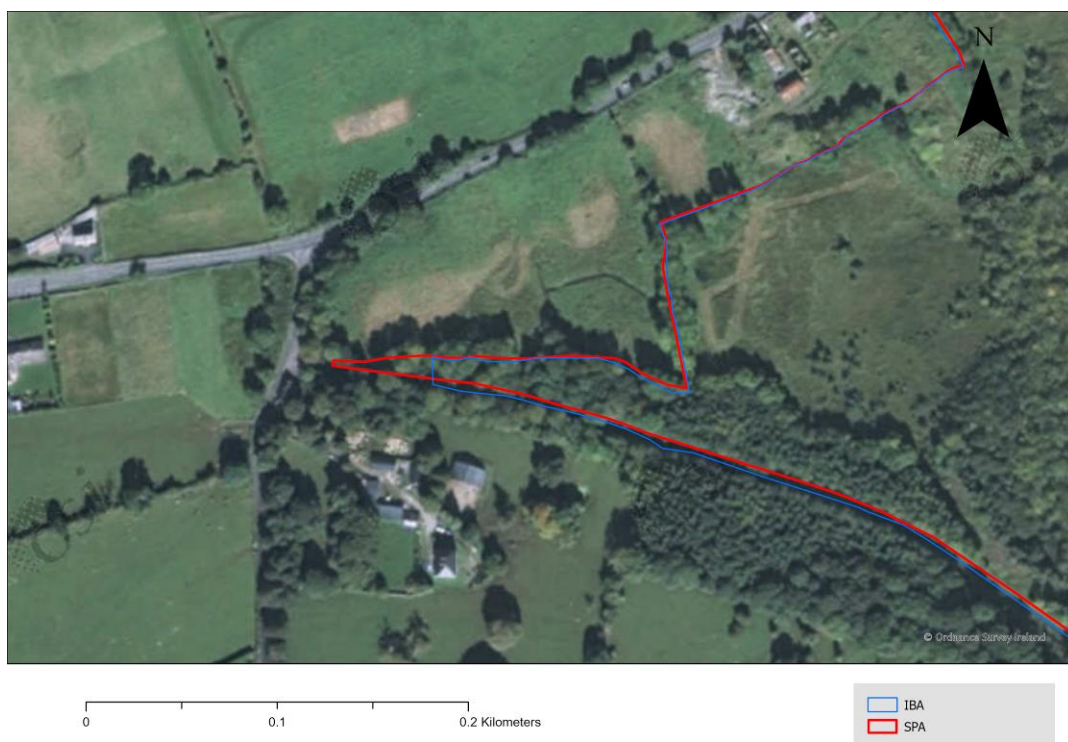


Fig 25b: A comparison of Lough Rea SPA with the boundary of the latest version of the associated IBA (area 1)





Fig 25c: A comparison of Lough Rea SPA with the boundary of the latest version of the associated IBA (area 2)



Fig 25d: A comparison of Lough Rea SPA with the boundary of the latest version of the associated IBA (area 3)



Fig 25e: A comparison of Lough Rea SPA with the boundary of the latest version of the associated IBA (area 4)

### Inishkeeragh/Illancrone

Illancrone and Inishkeeragh SPA is very similar in area to the current IBA version, a difference of less than one hectare (Table 26a, 26b). However, the SPA area is 394 ha larger than the older version of the IBA. All suitable terrestrial habitat for species of interest is covered in both IBAs and SPAs (Fig 26). Minor differences between the SPA and IBA occur on site boundaries within the marine area surrounding the island.

Table 26a: Details of Illancrone and Inishkeeragh SPA

| SPA Code  | SPA Name                        | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------------------------|--|-----------|---|---|
| IE0004132 | Illancrone and Inishkeeragh SPA | Barnacle Goose ( <i>Branta leucopsis</i> ) [A045], Common Tern ( <i>Sterna hirundo</i> ) [A193], Arctic Tern ( <i>Sterna paradisaea</i> ) [A194], Little Tern ( <i>Sterna albifrons</i> ) [A195] | 419       | <a href="https://www.npws.ie/protected-sites/spa/004132">https://www.npws.ie/protected-sites/spa/004132</a> | <a href="https://www.irisstatutebook.ie/2010/en/si/0066.html">https://www.irisstatutebook.ie/2010/en/si/0066.html</a> |

Table 26b: Details of Inishkeeragh and Illancrone IBA

| IBA Code | IBA Name                        | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------------------------|---|----------------------------|---------------|
| 18       | Inishkeeragh and Illancrone IBA | Barnacle Goose ( <i>Branta leucopsis</i> ), Common Gull ( <i>Larus canus</i> ), Arctic Tern ( <i>Sterna paradisaea</i> ), Little Tern ( <i>Sterna albifrons</i> ) | 25                         | 419.54        |

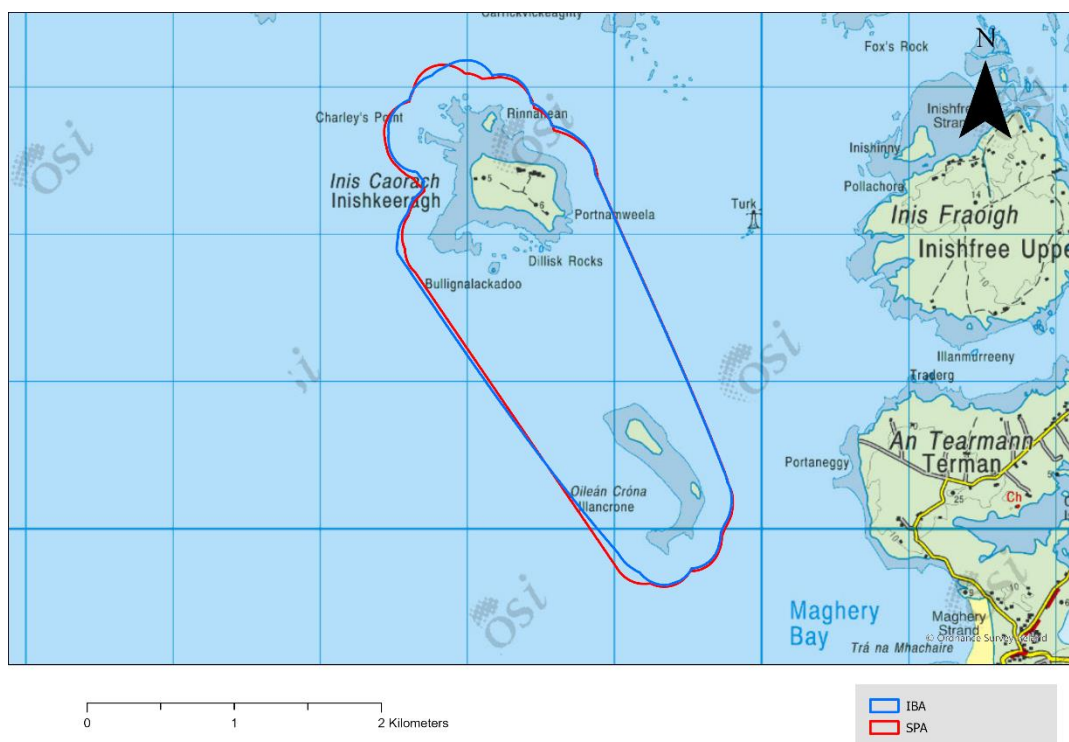


Fig 26: A comparison of Illancrone and Inisheeragh SPA with the boundary of the latest version of the associated IBA

### Inishboffin/Inishark

The islands of Inishboffin, Inishark, Davillaun, High Island, Omey Island and Turbot Island host a wide variety of bird species and are covered by two different IBAs and two different SPAs that are interlinked (Table 27a, 27b). The Inishboffin and Inishark (including Davillaun) IBA overlaps with two SPAs, High Island, Inishshark and Davillaun SPA and Inishboffin, Omey Island and Turbot Island SPA. High Island IBA was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. However, High Island and its surrounding marine waters is covered by High Island, Inishshark and Davillaun SPA (see area 2 of Fig 27a and Fig 27c). Two primary differences occur between the IBAs and SPAs. The whole of Inishboffin is covered by the current version of the IBA (see area 1. Fig 27a). The SPA boundary reflects the suitable habitat for Corncrake, the only species of Special Conservation Interest for this SPA (Fig 27b). The other primary difference between the SPAs and the IBA is that Omey Island and Turbot Island are included in the SPA but not the IBA (area 3, Fig 27d). These islands also support populations of breeding Corncrake.

Table 27a: Details of High Island, Inishshark and Davillaun SPA and Inishboffin, Omey Island and Turbot Island SPA

| SPA Code  | SPA Name                    | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------------------|---|-----------|---|---|
| IE0004144 | High Island, Inishshark and | Fulmar ( <i>Fulmarus glacialis</i> ) [A009], Barnacle Goose ( <i>Branta leucopsis</i> ) [A045], | 1,217     | <a href="https://www.npws.ie/protected-">https://www.npws.ie/protected-</a> | <a href="https://www.irishtatutebook.i">https://www.irishtatutebook.i</a> |



|           |   |   |     |   |   |
|-----------|---|---|-----|---|---|
|           | Davillaun SPA                                 | Arctic Tern ( <i>Sterna paradisaea</i> ) [A194] |     | sites/spa/004144  | e/2012/en/si/0192.html  |
| IE0004231 | Inishbofin, Omev Island and Turbot Island SPA | Corncrake ( <i>Crex crex</i> ) [A122]           | 171 | <a href="https://www.npws.ie/protected-sites/spa/004231">https://www.npws.ie/protected-sites/spa/004231</a> | <a href="https://www.irishtatutebook.ie/eli/2019/si/177/made/en">https://www.irishtatutebook.ie/eli/2019/si/177/made/en</a> |

Table 27b: Details of High Island IBA and Inishbofin and Inishark (incl. Davillaun) IBA

| IBA Code | IBA Name                                      | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---|--|----------------------------|---------------|
| 53       | High Island IBA                               | Storm Petrel ( <i>Hydrobates pelagicus</i> ), Great Black-backed Gull ( <i>Larus marinus</i> ) | 169                        | NA            |
| 52       | Inishbofin and Inishark (incl. Davillaun) IBA | Manx Shearwater ( <i>Puffinus puffinus</i> ), Barnacle Goose ( <i>Branta leucopsis</i> )       | 1,015                      | 2,815         |

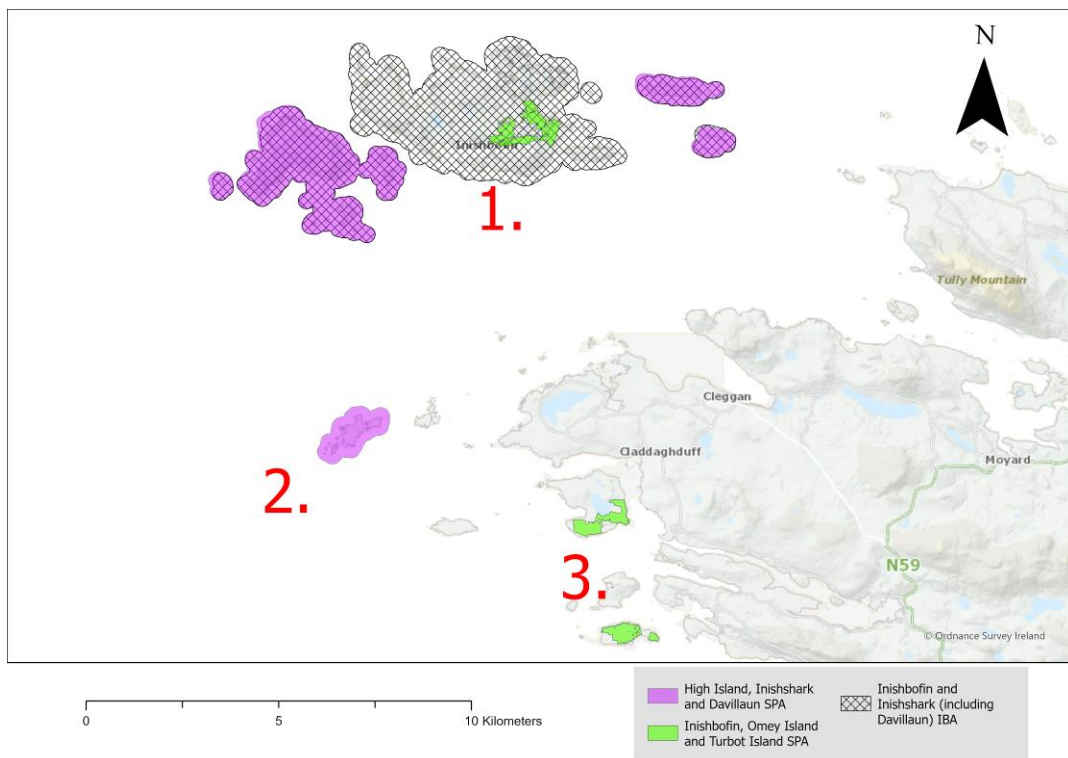


Fig 27a: A comparison of High Island, Inishshark and Davillaun SPA and Inishbofin, Omev Island and Turbot Island SPA with the boundary of the latest version of the associated IBA



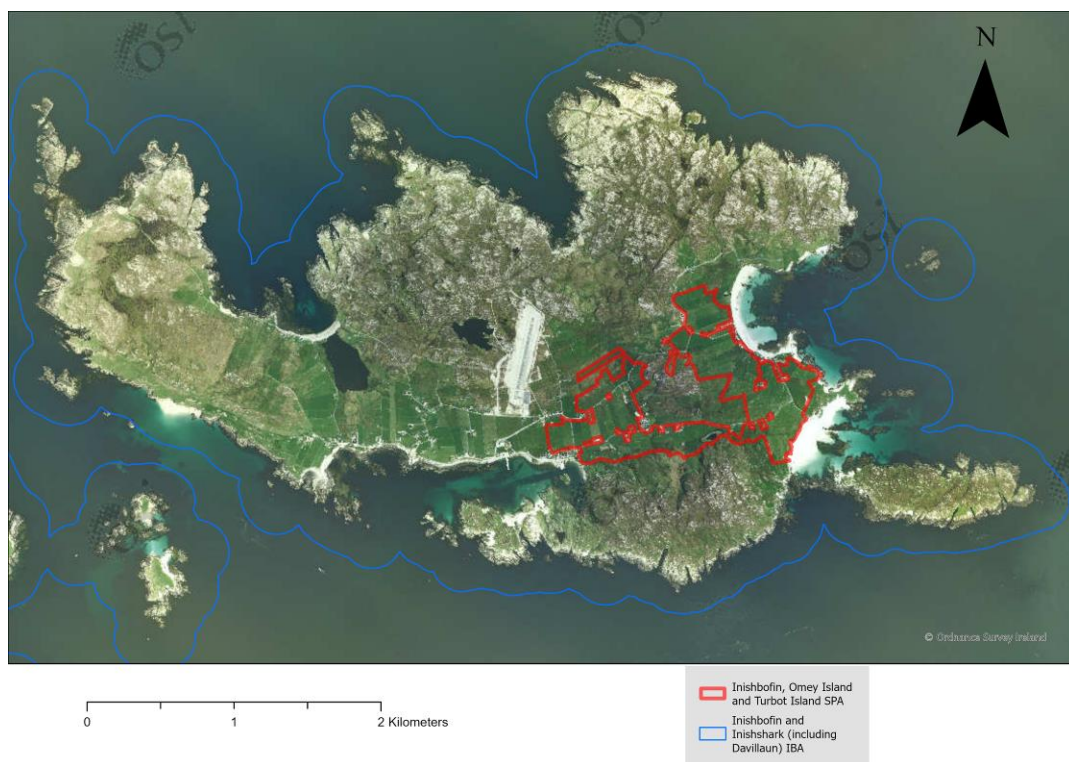


Fig 27b: A comparison of High Island, Inishshark and Davillaun SPA and Inishbofin, Omev Island and Turbot Island SPA with the boundary of the latest version of the associated IBA (area 1, Inishbofin)



Fig 27c: High Island, Inishshark and Davillaun SPA (area 2, High Island)



Fig 27c: High Island, Inishshark and Davillaun SPA (area 3, Omev and Turbot Island)

#### Aran Islands (part of)

The Aran Islands are a group of three islands located off the coast of County Galway. The size and boundaries of the Inishmore SPA and the Aran Islands (parts) IBA differ (Table 28a, 28b). These differences are highlighted in Fig 28a, areas 1 - 3. Brannock Islands on the North West corner of Inishmore is covered by both the SPA and the current version of the IBA (see area 1 of Fig 28a). However, the SPA map more accurately reflects the location of the Brannock Islands compared to the IBA boundary surrounding the Brannock Islands is based on a different/incorrect map projection. Fig 28b shows that the Brannock Islands are duplicated in some projections, with the false duplicate appearing to the north of the islands. Fig 28c shows the SPA boundary following the actual location of the islands. The current version of the IBA contains a section of inland area of Inishmore that is not covered by the SPA, see area 2 of Fig 28a. However, seabirds that are of conservation interest for the island breed on the cliffs and not on the inland section. The SPA boundary covers the cliffs only as well as sections of cliffs to the north and south of the IBA (Fig 28d). The current version of the IBA contains all of the island of Inishmaan, this island is not covered by the SPA (area 3, Fig 28a). The entirety of Inishmaan was included in the IBA on account of a relatively small population of Arctic Tern (Fig 28e).

Table 28a: Details of Inishmore SPA

| SPA Code   | SPA Name      | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|------------|---------------|---|-----------|---|---|
| IE0004 152 | Inishmore SPA | Kittiwake ( <i>Rissa tridactyla</i> ) [A188], Arctic Tern ( <i>Sterna paradisaea</i> ) [A194], Little Tern ( <i>Sterna albifrons</i> ) [A195], Guillemot ( <i>Uria aalge</i> ) [A199] | 1918      | <a href="https://www.npws.ie/protected-sites/spa/004152">https://www.npws.ie/protected-sites/spa/004152</a> | <a href="https://www.irishstatutebook.ie/eli/2019/si/178/made/en">https://www.irishstatutebook.ie/eli/2019/si/178/made/en</a> |

Table 28b: Details of Aran Islands (parts) IBA

| IBA Code | IBA Name                 | IBA QI                                   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|--------------------------|--|----------------------------|---------------|
| 61       | Aran Islands (parts) IBA | Arctic Tern ( <i>Sterna paradisaea</i> ) | 4,300                      | 2,151         |

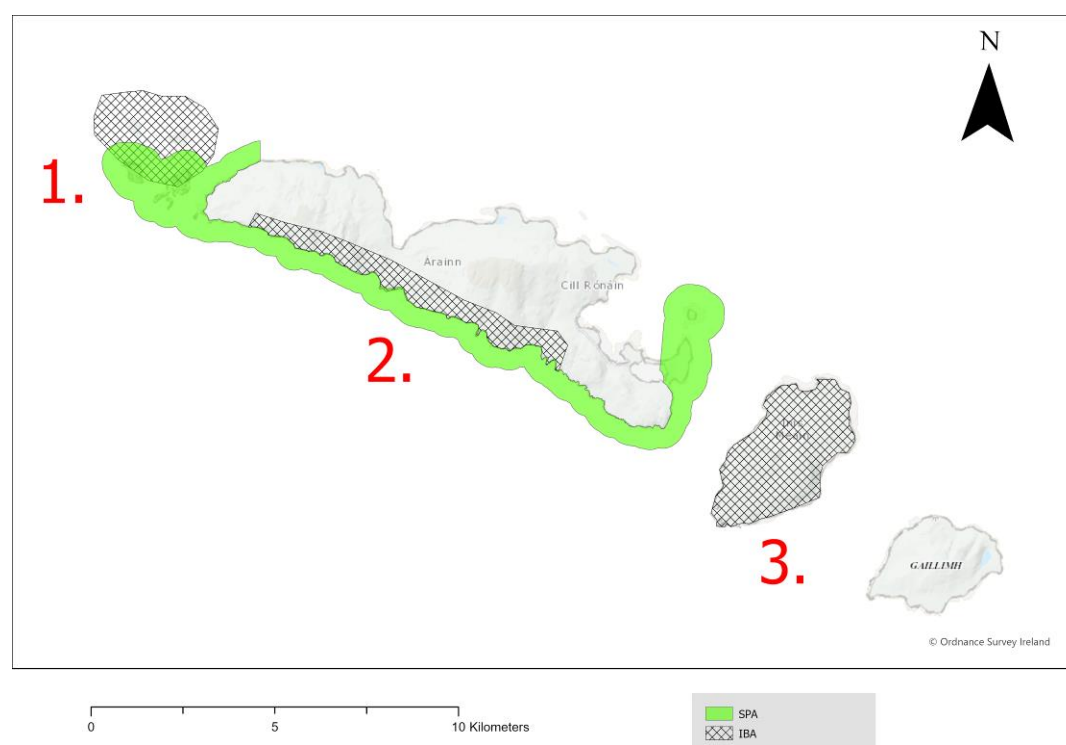


Fig 28a: A comparison of Inishmore SPA with the boundary of the latest version of the associated IBA

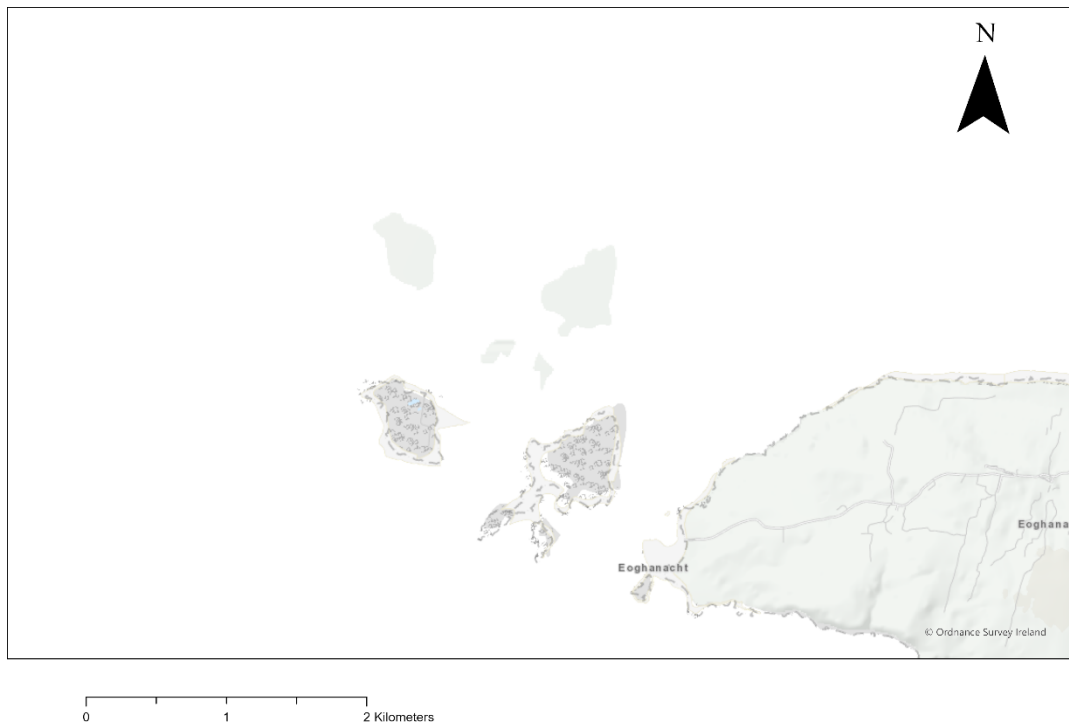


Fig 28b: Incorrect map of Brannock Islands showing duplicate version of the islands to the north of their actual position (area 1)

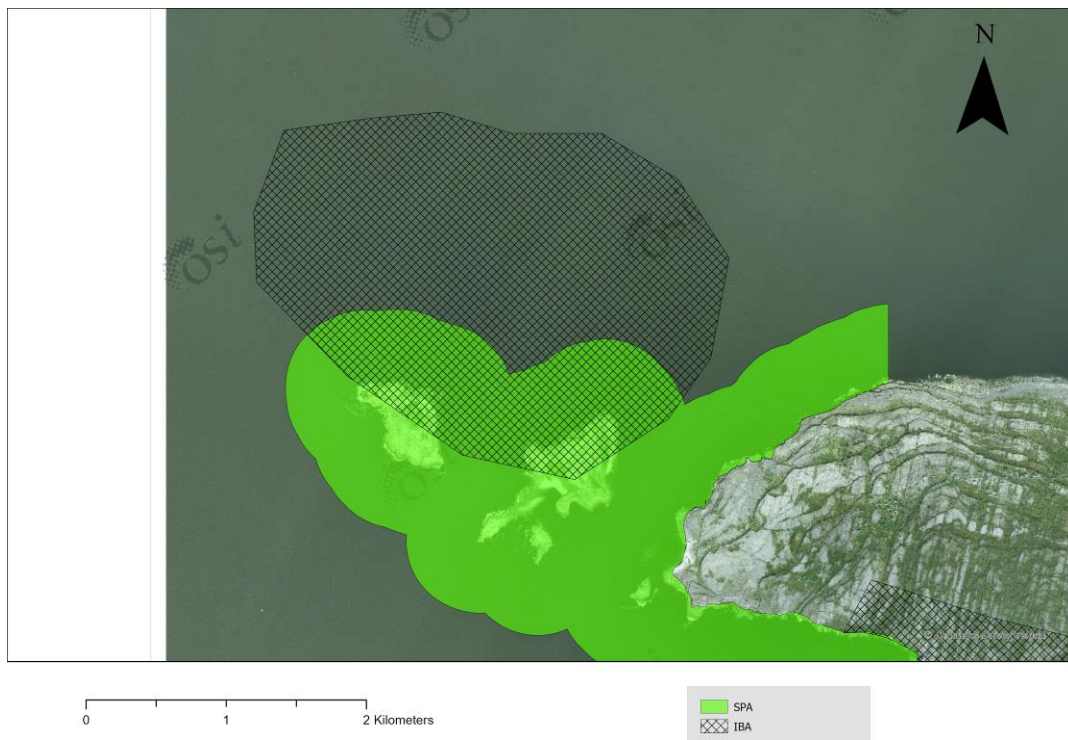


Fig 28c: SPA boundary covering the Brannock Islands and the IBA boundary in an incorrect location based on incorrect maps of the island (area 1)





Fig 28d: A comparison of Inishmore SPA with the boundary of the latest version of the associated IBA (area 2, Inishmore)

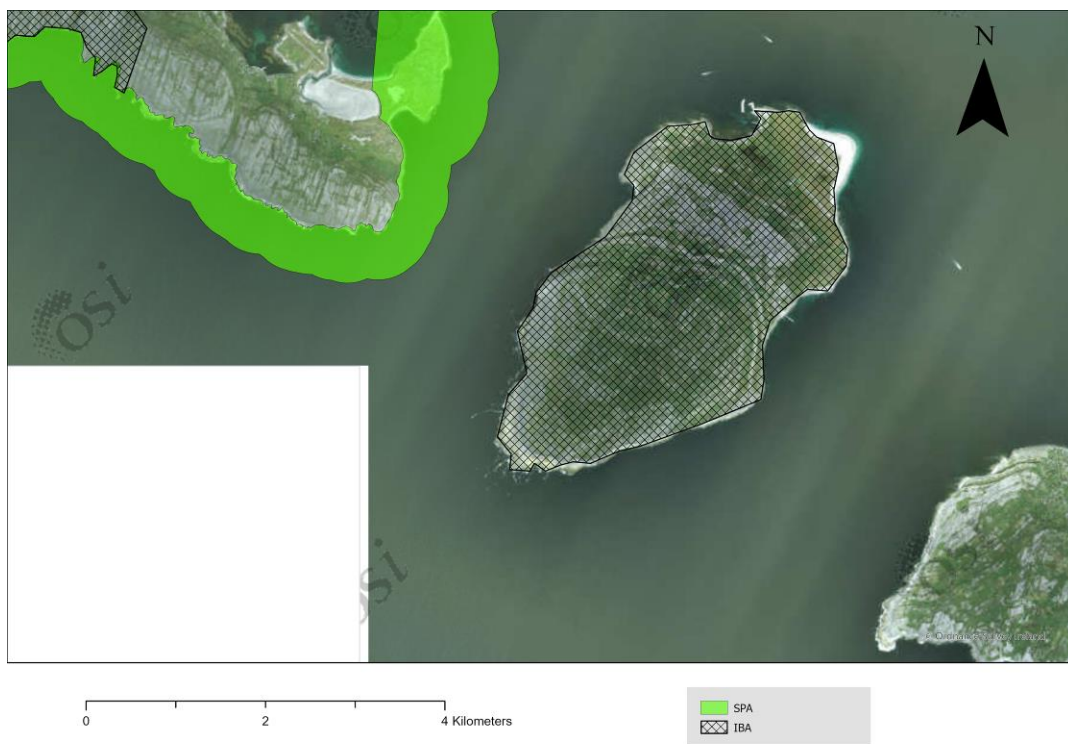


Fig 28d: A comparison of Inishmore SPA with the boundary of the latest version of the associated IBA (area 3, Inshmaan)

### Ardboline and Horse Islands

Ardboline Island and Horse Island SPA is very similar in area to the current IBA version, a difference of less than one hectare (Table 29a, 29b). However, the SPA area is 123 ha larger than the older version of the IBA. All suitable terrestrial habitat for species of interest is covered in both IBAs and SPAs (Fig 29). Minor differences between the SPA and IBA occur on site boundaries within the marine area surrounding the island.

Table 29a: Details of Ardboline Island and Horse Island SPA

| SPA Code  | SPA Name                              | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------------------------------|--|-----------|---|---|
| IE0004135 | Ardboline Island and Horse Island SPA | Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Barnacle Goose ( <i>Branta leucopsis</i> ) [A045] | 148       | <a href="https://www.npws.ie/protected-sites/spa/004135">https://www.npws.ie/protected-sites/spa/004135</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0057.html">https://www.irishstatutebook.ie/2010/en/si/0057.html</a> |

Table 29b: Details of Ardboline Island and Horse Island IBA

| IBA Code | IBA Name                              | IBA QI                                     | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------------------------------|--|----------------------------|---------------|
| 32       | Ardboline Island and Horse Island IBA | Barnacle Goose ( <i>Branta leucopsis</i> ) | 25                         | 148           |

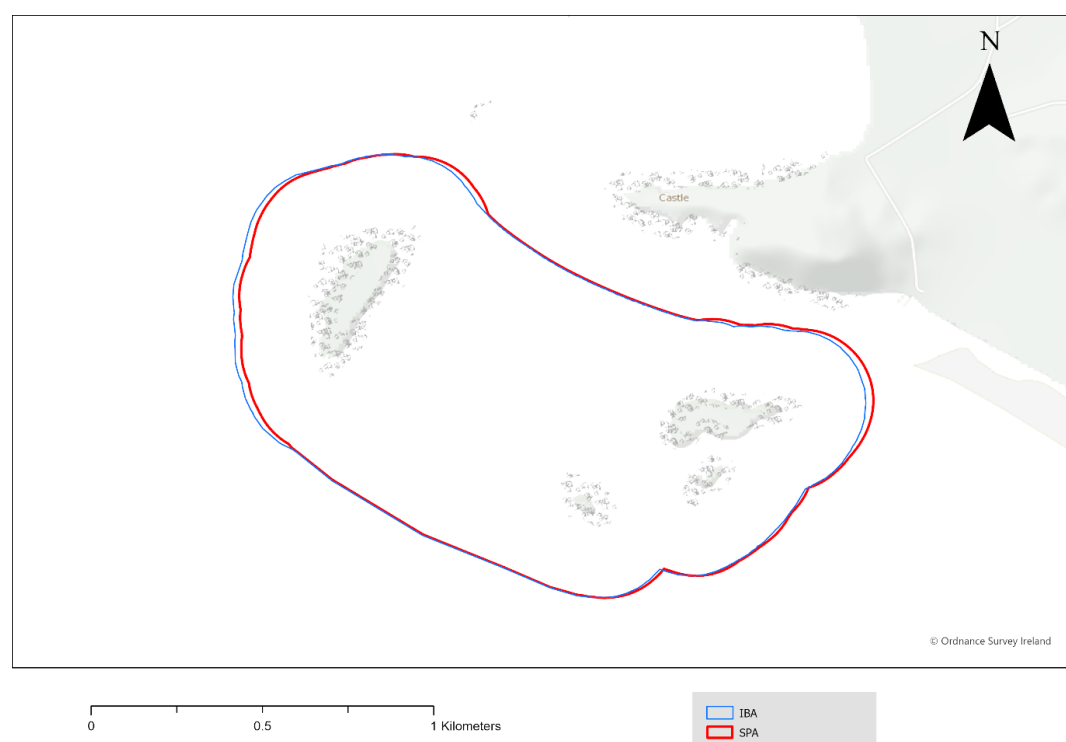


Fig 29: A comparison of Ardboline Island and Horse Island SPA with the boundary of the latest version of the associated IBA



### Inishsirrer and Ineshmeane

This site is comprised of marine islands off the coast of County Donegal. The West Donegal Islands SPA is much larger in area than both the old and current version of the IBA (Table 30a, 30b). The SPA totally encompasses the current version of the IBA as well as Gola and Umfin Island to the south. Part of Umfin Island is in the West Donegal coast IBA.

Table 30a: Details of West Donegal Islands SPA

| SPA Code  | SPA Name                 | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|--------------------------|--|-----------|---|---|
| IE0004230 | West Donegal Islands SPA | Shag ( <i>Phalacrocorax aristotelis</i> ) [A018], Barnacle Goose ( <i>Branta leucopsis</i> ) [A045], Corncrake ( <i>Crex crex</i> ) [A122], Common Gull ( <i>Larus canus</i> ) [A182], Herring Gull ( <i>Larus argentatus</i> ) [A184] | 1,129     | <a href="https://www.npws.ie/protected-sites/spa/004230">https://www.npws.ie/protected-sites/spa/004230</a> | <a href="https://www.irishtatutebook.ie/eli/2021/si/392/made/en/pdf">https://www.irishtatutebook.ie/eli/2021/si/392/made/en/pdf</a> |

Table 30b: Details of Inisherrerr and Inishmeane IBA

| IBA Code | IBA Name                       | IBA QI                                     | Area (Heath & Evans, 2000) | Area (latest) |
|----------|--------------------------------|--|----------------------------|---------------|
| 15       | Inishsirrer and Inishmeane IBA | Barnacle Goose ( <i>Branta leucopsis</i> ) | 140                        | 480           |

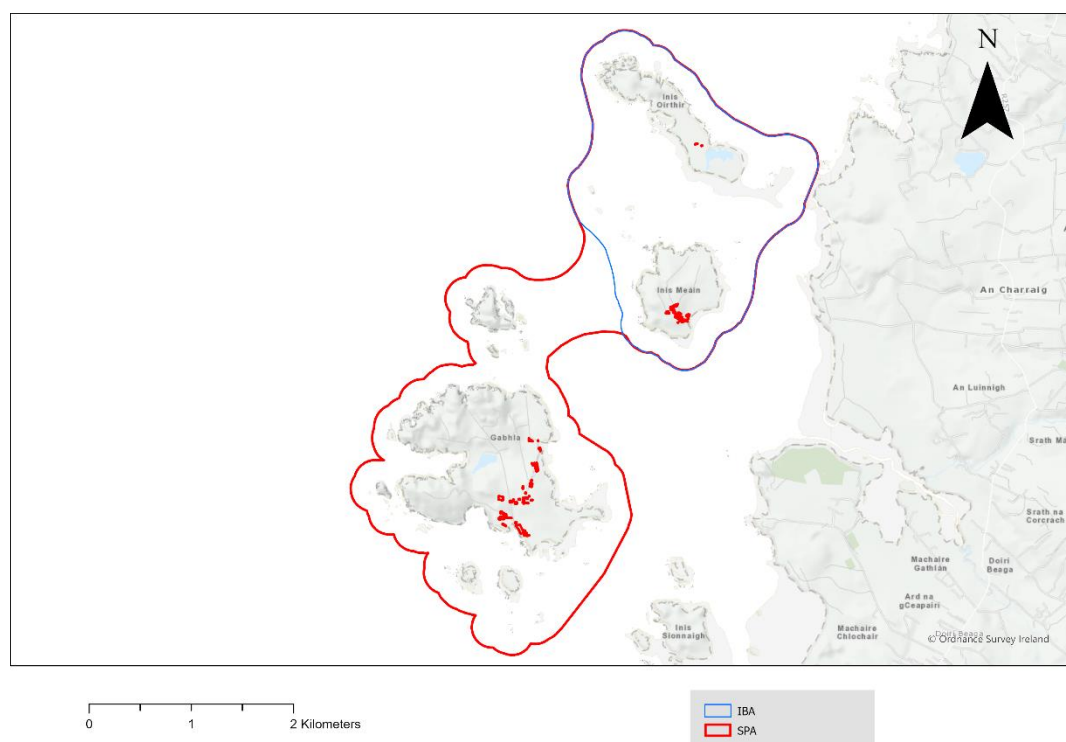


Fig 30: A comparison of West Donegal Islands SPA with the boundary of the latest version of the associated IBA

## Clare Island Cliffs

Clare Island is situated at the entrance of Clew Bay in County Mayo. Clare Island SPA is much larger in area than the old version of the IBA and similar in size, but smaller, than the current version of the IBA (Table 31a, 31b). The SPA and IBA boundaries are similar (Fig 31). The SPA includes more terrestrial area than the IBA, covering suitbale habitat for Chough which is a species of special conservation interest for the SPA. The SPA also includes an extra section on the eastern end of the island comprising both terrestrial and marine habitat, suitbale areas for breeding seabirds. However, in general the IBA contains more marine area than SPA.

Table 31a: Details of Clare Island SPA

| SPA Code  | SPA Name         | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|------------------|---|-----------|---|---|
| IE0004136 | Clare Island SPA | Fulmar ( <i>Fulmarus glacialis</i> ) [A009], Shag ( <i>Phalacrocorax aristotelis</i> ) [A018], Common Gull ( <i>Larus canus</i> ) [A182], Kittiwake ( <i>Rissa tridactyla</i> ) [A188], Guillemot ( <i>Uria aalge</i> ) [A199], Razorbill ( <i>Alca torda</i> ) [A200], Chough ( <i>Pyrhacorax pyrrhacorax</i> ) [A346] | 1,006     | <a href="https://www.npws.ie/protected-sites/spa/004136">https://www.npws.ie/protected-sites/spa/004136</a> | <a href="https://www.irishtatutebook.ie/2010/en/si/0273.html">https://www.irishtatutebook.ie/2010/en/si/0273.html</a> |

Table 31b: Details of Clare Island cliffs IBA

| IBA Code | IBA Name                | IBA QI                                    | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-------------------------|---|----------------------------|---------------|
| 48       | Clare Island cliffs IBA | Black Guillemot ( <i>Cepphus grylle</i> ) | 800                        | 1,142         |

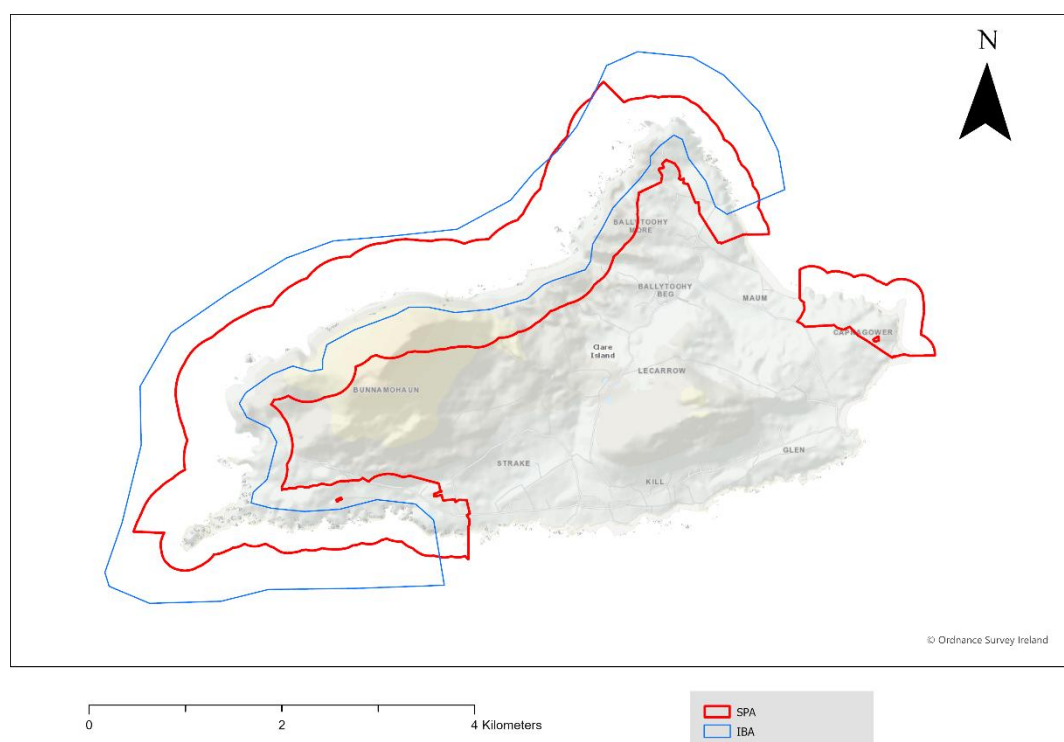


Fig 31: A comparison of Clare Island SPA with the boundary of the latest version of the associated IBA

### Aughris Head

A stretch of mainland cliff on the north-facing County Sligo coastline, approximately. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. The original IBA of Aughris Head (IBA Code: 37) did not have species of qualifying interest and had an area of 18 ha. As per the SPA review document (2013) Aughris Head does not have a selection interest and is therefore under consideration for de-designation.

### Sheeps Head and Mizen Head Peninsulas

A coastal site encompassing two south-westerly peninsulas in County Cork. Sheep's Head to Toe Head SPA is much smaller than both the old and current version of the IBA by over 2000 ha. The IBA contains more areas of inland terrestrial habitat which encompasses agricultural land as well as buildings and structures (area 1 and 4, Fig 32a). Fig 32b and 32d show the inland extent of the IBA. The SPA includes more coastal areas than the IBA, covering suitable habitat for Chough which is a species of special conservation interest for the SPA. The SPA also contains some coastal areas that are not included in the IBA, see areas 2 and 4 of Fig 32a. Fig 32c and 32d show these coastal areas of SPA extending out of the IBA, covering more Chough habitat.

Table 32a: Details of Sheep's Head to Toe Head SPA

| SPA Code  | SPA Name                     | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|------------------------------|--|-----------|---|---|
| IE0004156 | Sheep's Head to Toe Head SPA | Peregrine ( <i>Falco peregrinus</i> ) [A103], Chough ( <i>Pyrrhocorax pyrrhocorax</i> ) [A346] | 2,500     | <a href="https://www.npws.ie/protected-sites/spa/004156">https://www.npws.ie/protected-sites/spa/004156</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0387.html">https://www.irishstatutebook.ie/2010/en/si/0387.html</a> |

Table 32b: Details of Sheeps Head and Mizen Head peninsulas IBA

| IBA Code | IBA Name                                  | IBA QI                                    | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---|---|----------------------------|---------------|
| 82       | Sheeps Head and Mizen Head peninsulas IBA | Chough ( <i>Pyrrhocorax pyrrhocorax</i> ) | 5,500                      | 4,506         |

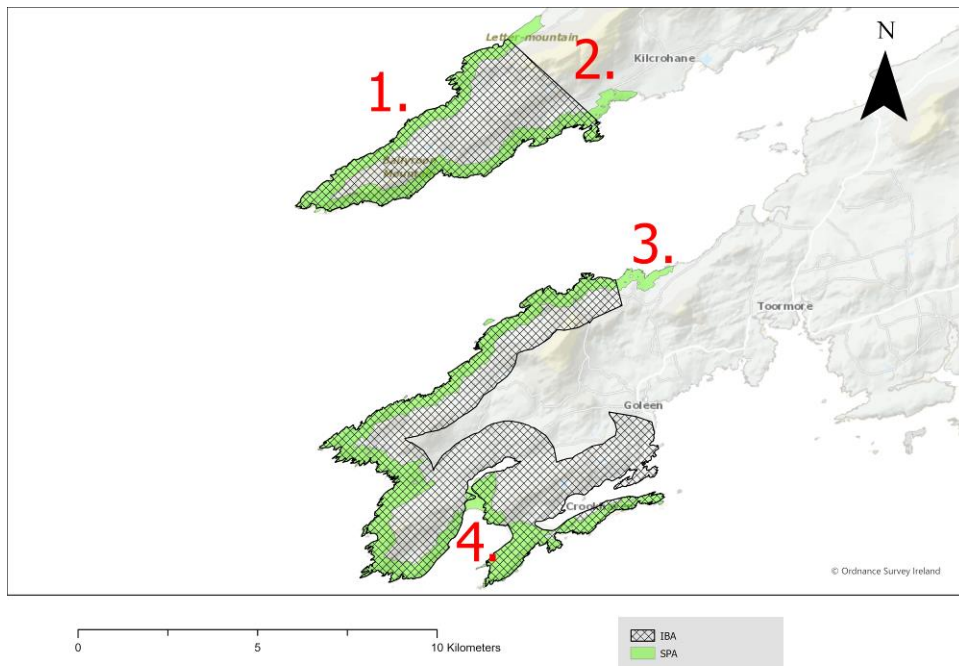


Fig 32a: A comparison of Sheep's Head to Toe Head SPA with the boundary of the latest version of the associated IBA

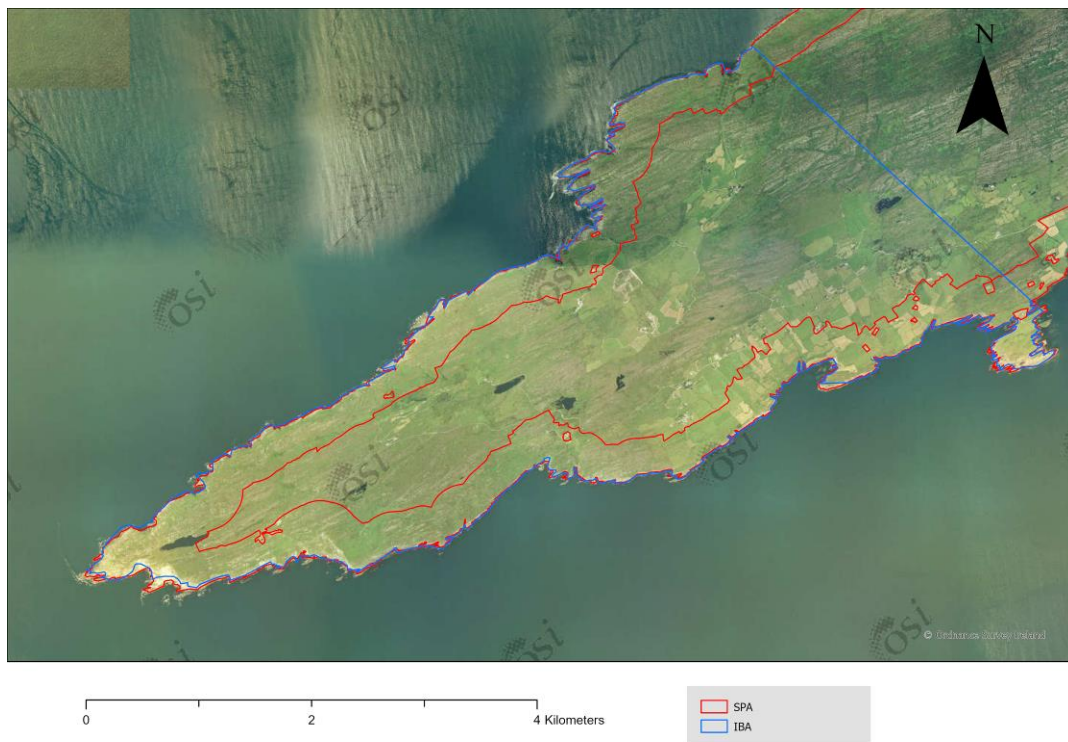


Fig 32b: A comparison of Sheep's Head to Toe Head SPA with the boundary of the latest version of the associated IBA (area 1)



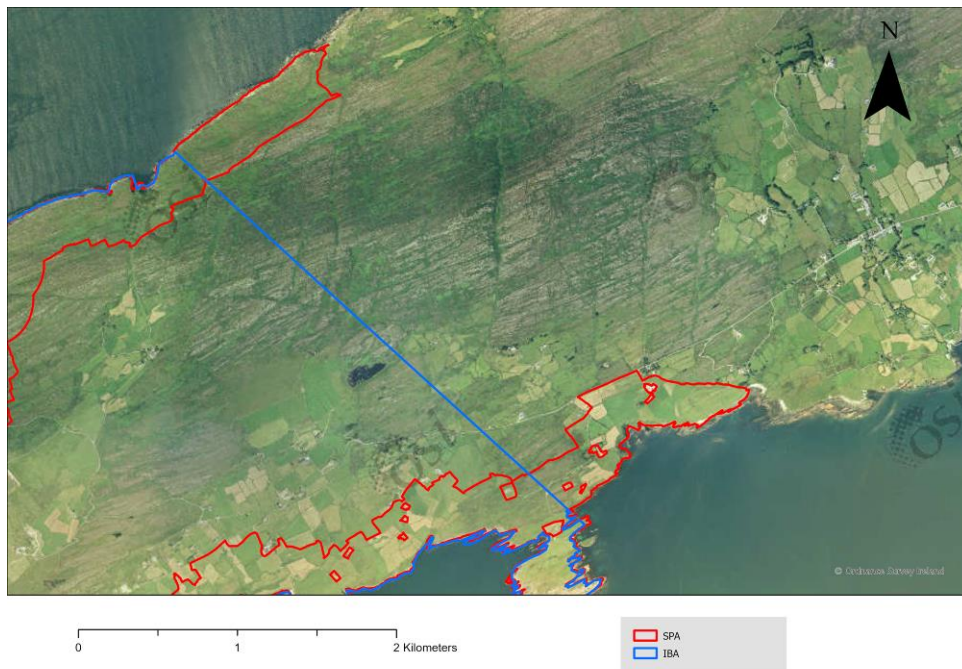


Fig 32c: A comparison of Sheep's Head to Toe Head SPA with the boundary of the latest version of the associated IBA (area 2)

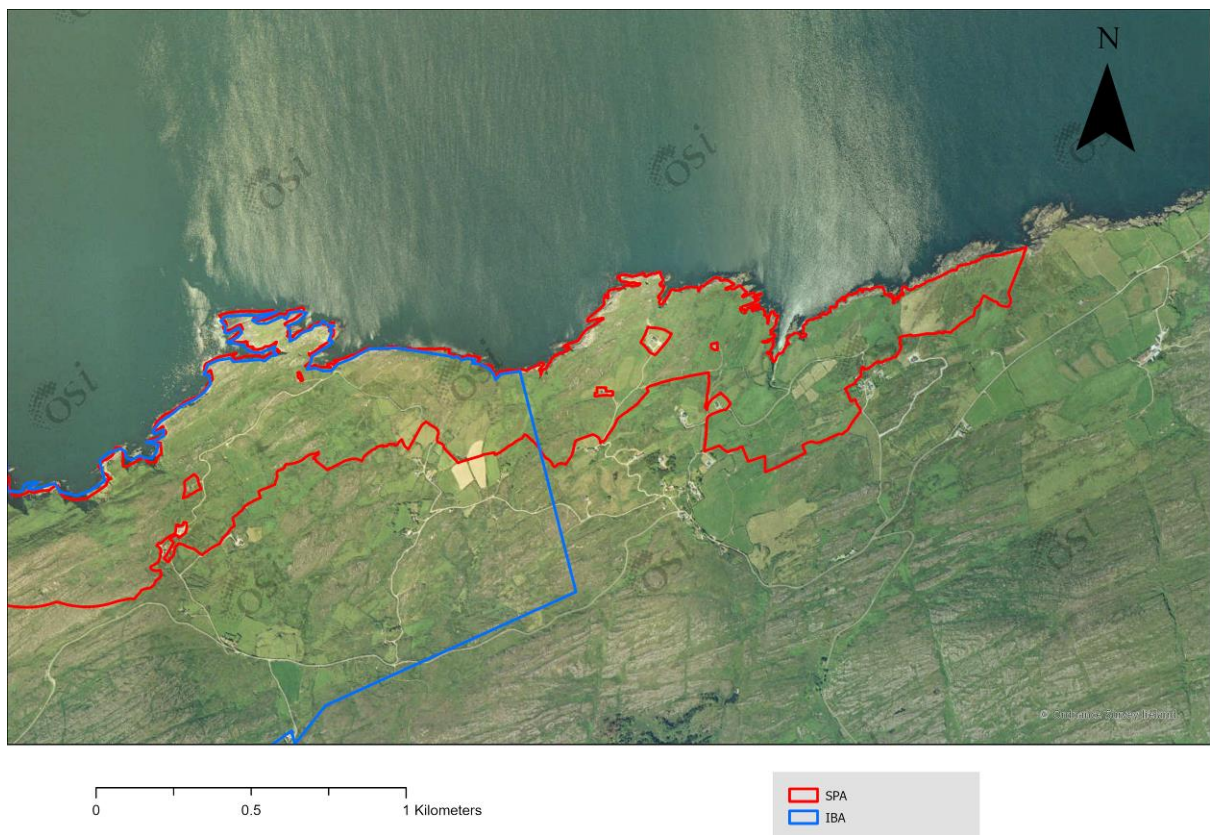


Fig 32d: A comparison of Sheep's Head to Toe Head SPA with the boundary of the latest version of the associated IBA (area 3)

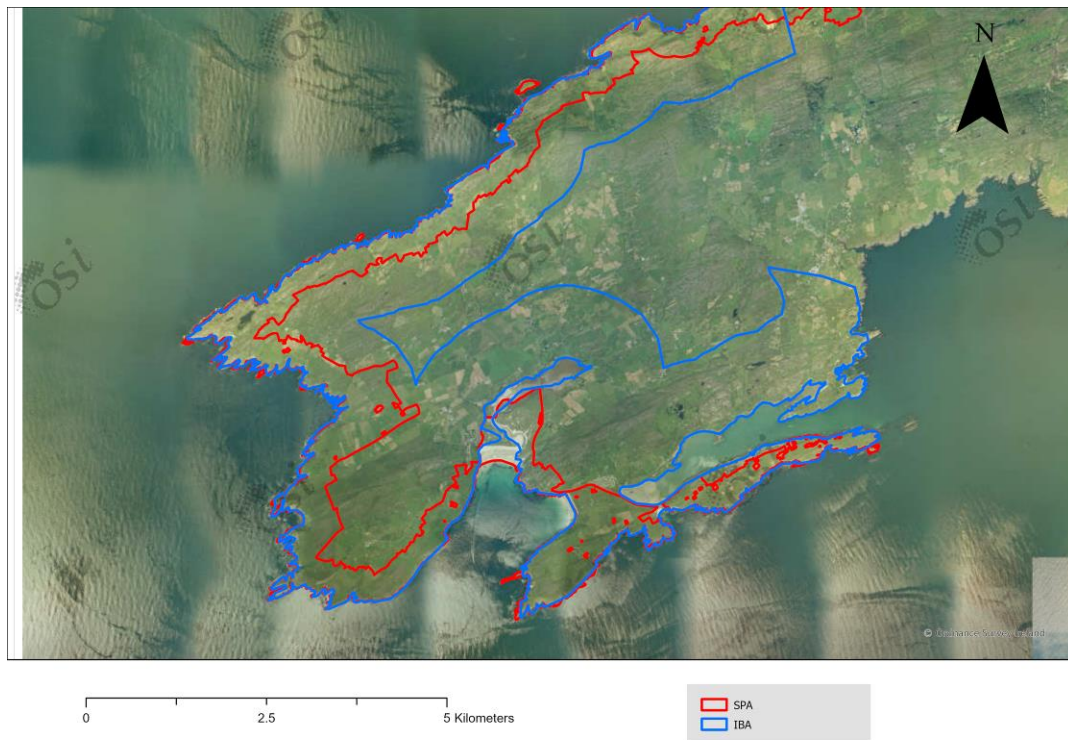


Fig 32e: A comparison of Sheep's Head to Toe Head SPA with the boundary of the latest version of the associated IBA (area 4)

### Beara Peninsula

This area includes the peninsula and associated islands encompassing coastal habitats including sea cliff, grassland and heath. Beara Peninsula SPA is much smaller than both the old and current version of the IBA (Table 33a, 33b). The IBA contains more areas of inland terrestrial habitat which encompasses agricultural land as well as buildings and structures (area 2, 3 and 4, Fig 33a). Fig 33b, 33c and 33d show the inland extent of the IBA. The SPA includes mostly coastal areas compared the IBA, covering suitable habitat for Chough and Fulmar, the two species of special conservation interest for the SPA. It is notable that the latest version of the IBA is significantly larger than the original version of the IBA.

Table 33a: Details of Beara Peninsula SPA

| SPA Code  | SPA Name            | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------------|--|-----------|---|---|
| IE0004155 | Beara Peninsula SPA | Fulmar ( <i>Fulmarus glacialis</i> ) [A009], Chough ( <i>Pyrrhocorax pyrrhocorax</i> ) [A346], | 2,612     | <a href="https://www.npws.ie/protected-sites/spa/004155">https://www.npws.ie/protected-sites/spa/004155</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0587.html">https://www.irishstatutebook.ie/2012/en/si/0587.html</a> |



Table 33b: Details of Beara Peninsula IBA

| IBA Code | IBA Name            | IBA QI                                   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------------|--|----------------------------|---------------|
| 81       | Beara Peninsula IBA | Chough ( <i>Pyrhocorax pyrrhocorax</i> ) | 3,250                      | 9,443         |

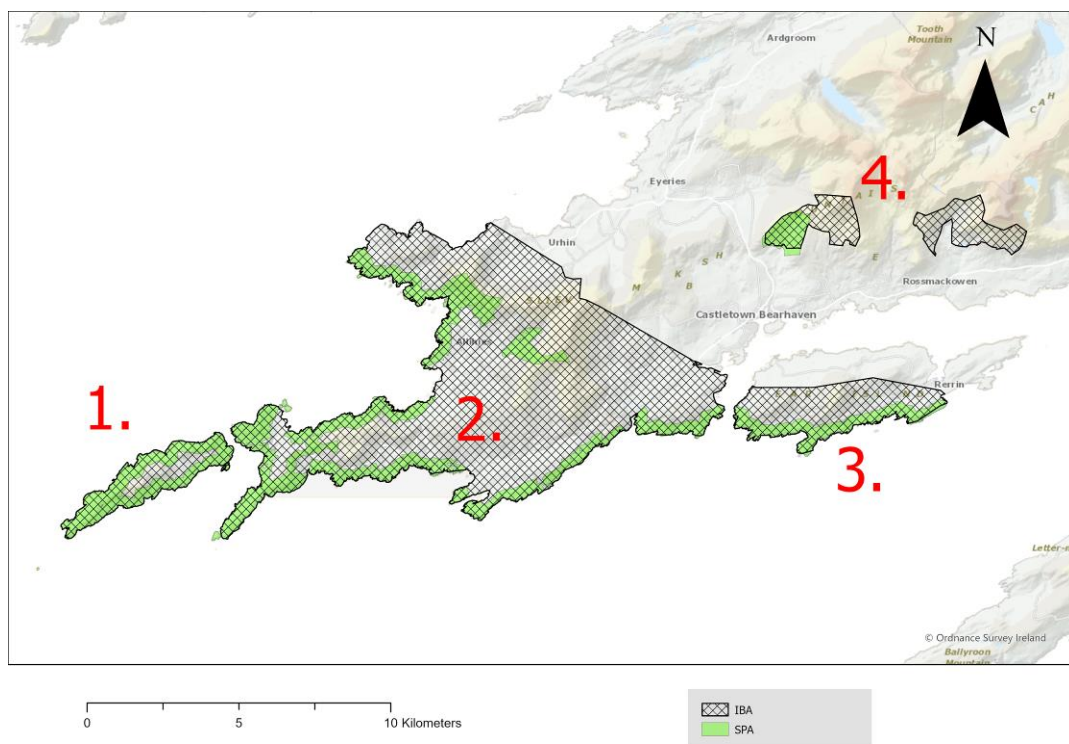


Fig 33a: A comparison of Beara Peninsula SPA with the boundary of the latest version of the associated IBA

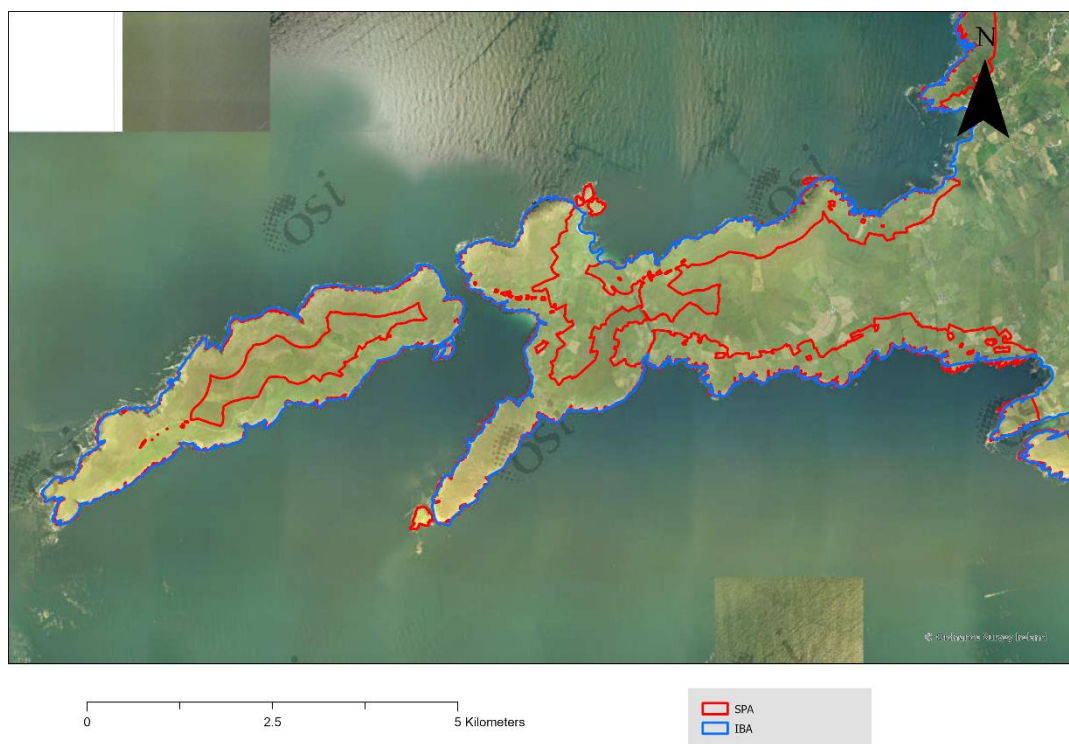


Fig 33b: A comparison of Beara Peninsula SPA with the boundary of the latest version of the associated IBA (area 1)

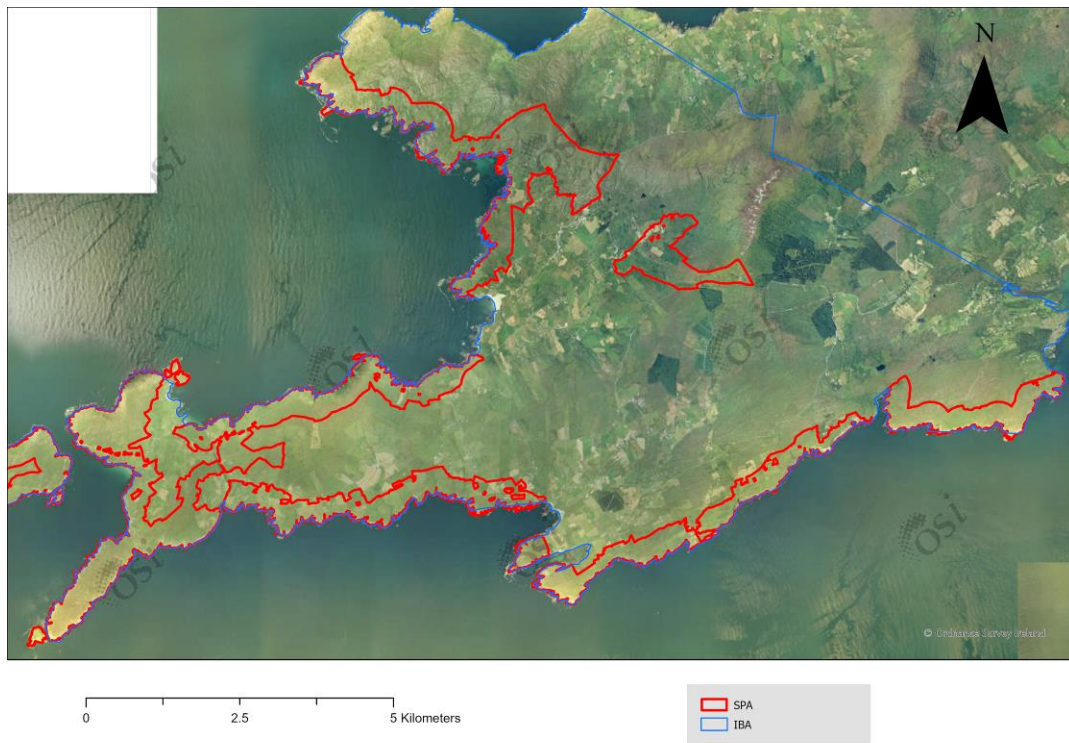


Fig 33b: A comparison of Beara Peninsula SPA with the boundary of the latest version of the associated IBA (area 2)

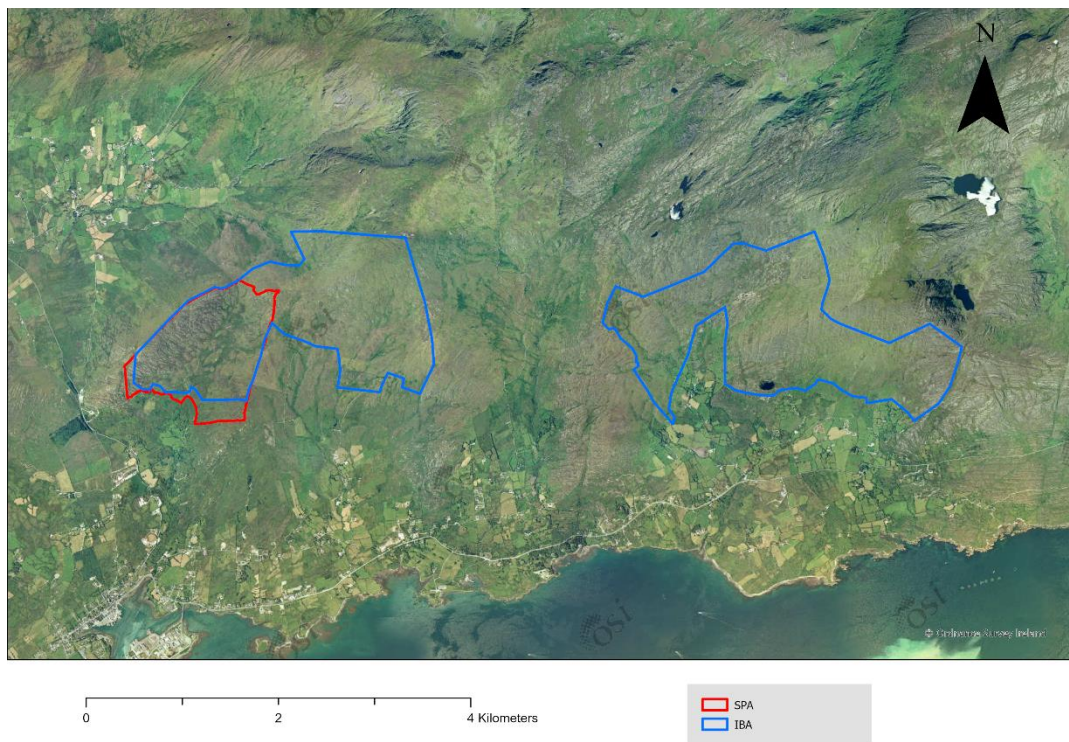


Fig 33c: A comparison of Beara Peninsula SPA with the boundary of the latest version of the associated IBA (area 3)





Fig 33d: A comparison of Beara Peninsula SPA with the boundary of the latest version of the associated IBA (area 4)

### Iveragh Peninsula

The Iveragh peninsula is situated in south-west Kerry, south of the Dingle peninsula. The Iveragh Peninsula SPA is smaller than the old version of the IBA and much smaller than the current version of the IBA, by over 10,000 ha (Table 34a and 34b). The IBA contains more areas of inland terrestrial habitat which encompasses agricultural land as well as buildings and structures (Fig 34). The SPA includes mostly coastal areas compared to the IBA, covering suitable habitat for Chough, Fulmar, Kittiwake and Guillemot, all species of special conservation interest for the SPA.

Table 34a: Details of Iveragh Peninsula SPA

| SPA Code  | SPA Name              | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------------|--|-----------|---|---|
| IE0004154 | Iveragh Peninsula SPA | Fulmar ( <i>Fulmarus glacialis</i> ) [A009], Peregrine ( <i>Falco peregrinus</i> ) [A103], Kittiwake ( <i>Rissa tridactyla</i> ) [A188], Guillemot ( <i>Uria aalge</i> ) [A199], Chough ( <i>Pyrhocorax pyrrhocorax</i> ) [A346] | 3,487     | <a href="https://www.npws.ie/protected-sites/spa/004154">https://www.npws.ie/protected-sites/spa/004154</a> | <a href="https://www.iri.shstatutebook.ie/2010/en/si/0241.html">https://www.iri.shstatutebook.ie/2010/en/si/0241.html</a> |

Table 34a: Details of Iveragh Peninsula IBA

| IBA Code | IBA Name              | IBA QI                                   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-----------------------|--|----------------------------|---------------|
| 77       | Iveragh Peninsula IBA | Chough ( <i>Pyrhocorax pyrrhocorax</i> ) | 4,000                      | 14,934        |

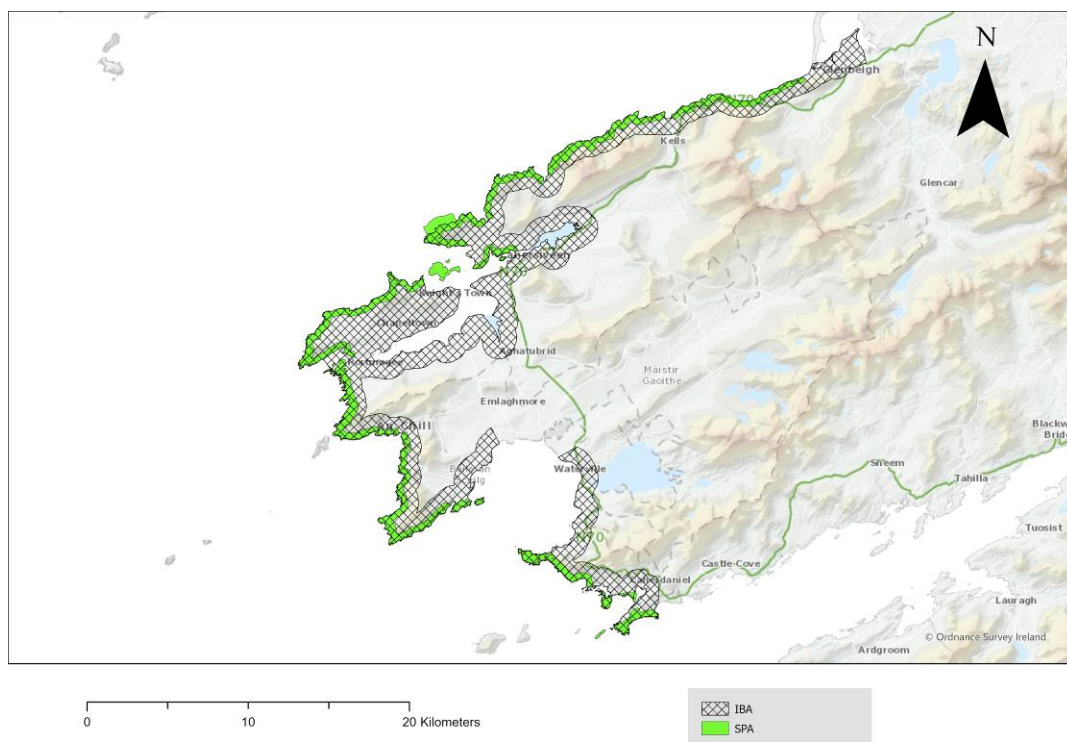


Fig 34: A comparison of Iveragh Peninsula SPA with the boundary of the latest version of the associated IBA

### Dingle Peninsula

Dingle Peninsula is the most northerly of five peninsulas in south-west County Kerry. The Dingle Peninsula SPA is larger than the old version of IBA but is much smaller than the current version of the IBA, by over 15,000 ha. The IBA contains more areas of inland terrestrial habitat which encompasses agricultural land as well as buildings and structures (area 2 - 8, Fig 35a). Fig 35b-l show the inland extent of the IBA. The SPA includes mostly coastal areas compared to the IBA, covering suitable habitat for Chough and Fulmar, the two species of special conservation interest for the SPA. The IBA also contains marine waters of Brandon Bay on the northern side of the peninsula that is not covered by the SPA, area 1 of Fig 35a and 35b and the marine area of Ventry Harbour on the southern side of the peninsula, area 5 of Fig 35a and 35f.

Table 35a: Details of Dingle Peninsula SPA

| SPA Code   | SPA Name             | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|------------|----------------------|---|-----------|---|---|
| IE0004 153 | Dingle Peninsula SPA | Fulmar ( <i>Fulmarus glacialis</i> ) [A009], Peregrine ( <i>Falco peregrinus</i> ) [A103], Chough ( <i>Pyrrhocorax pyrrhocorax</i> ) [A346] | 4,153     | <a href="https://www.npws.ie/protected-sites/spa/004153">https://www.npws.ie/protected-sites/spa/004153</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0480.html">https://www.irishstatutebook.ie/2012/en/si/0480.html</a> |

**Table 35a: Details of Dingle Peninsula IBA**

| IBA Code | IBA Name             | IBA QI                                    | Area (Heath & Evans, 2000) | Area (latest) |
|----------|----------------------|---|----------------------------|---------------|
| 72       | Dingle Peninsula IBA | Chough ( <i>Pyrhhorcorax pyrrhcorax</i> ) | 3,500                      | 20,306        |

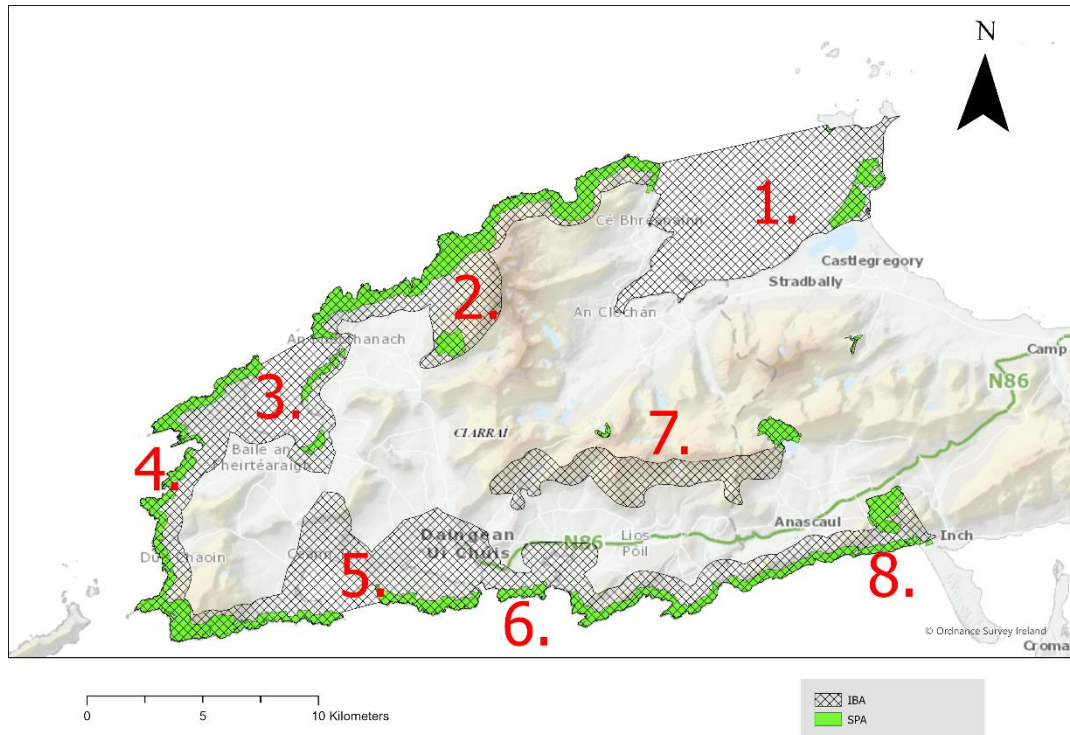


Fig 35a: A comparison of Dingle Peninsula SPA with the boundary of the latest version of the associated IBA





Fig 35b: A comparison of Dingle Peninsula SPA with the boundary of the latest version of the associated IBA (area 1)

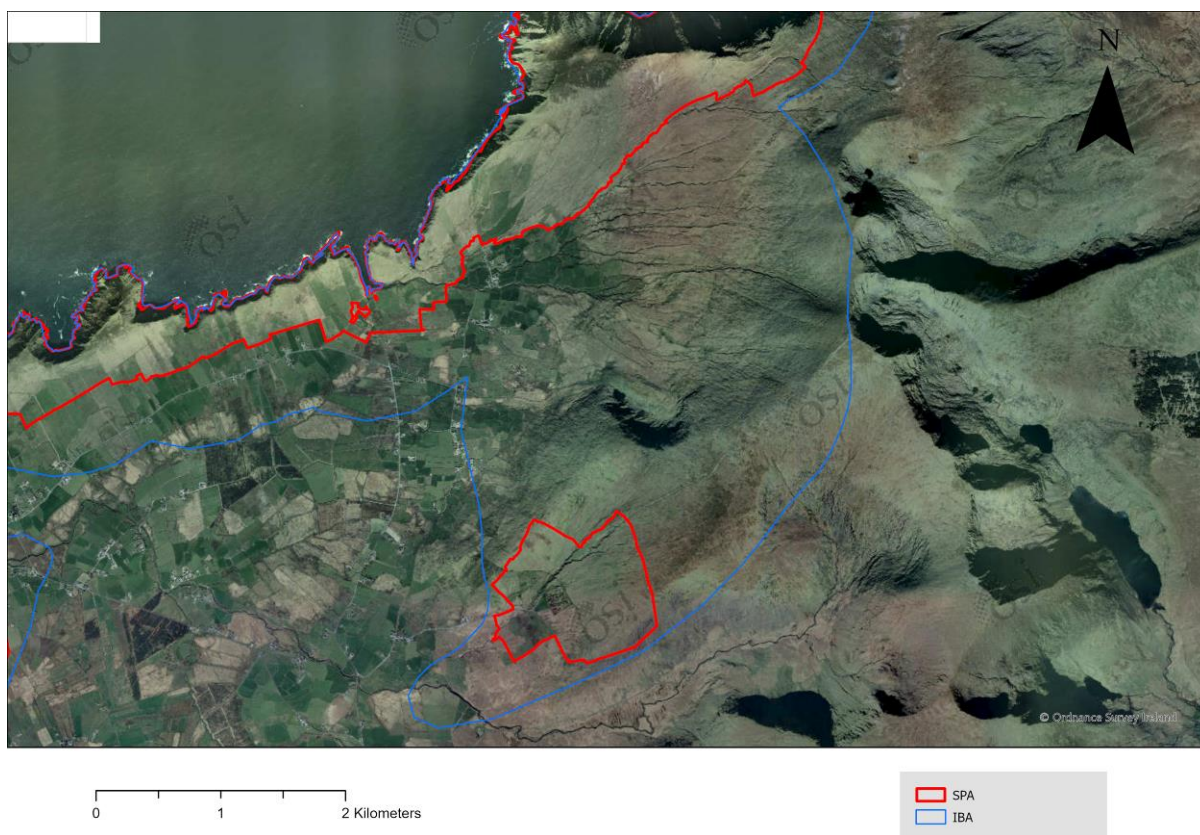


Fig 35c: A comparison of Dingle Peninsula SPA with the boundary of the latest version of the associated IBA (area 2)





Fig 35d: A comparison of Dingle Peninsula SPA with the boundary of the latest version of the associated IBA (area 3)

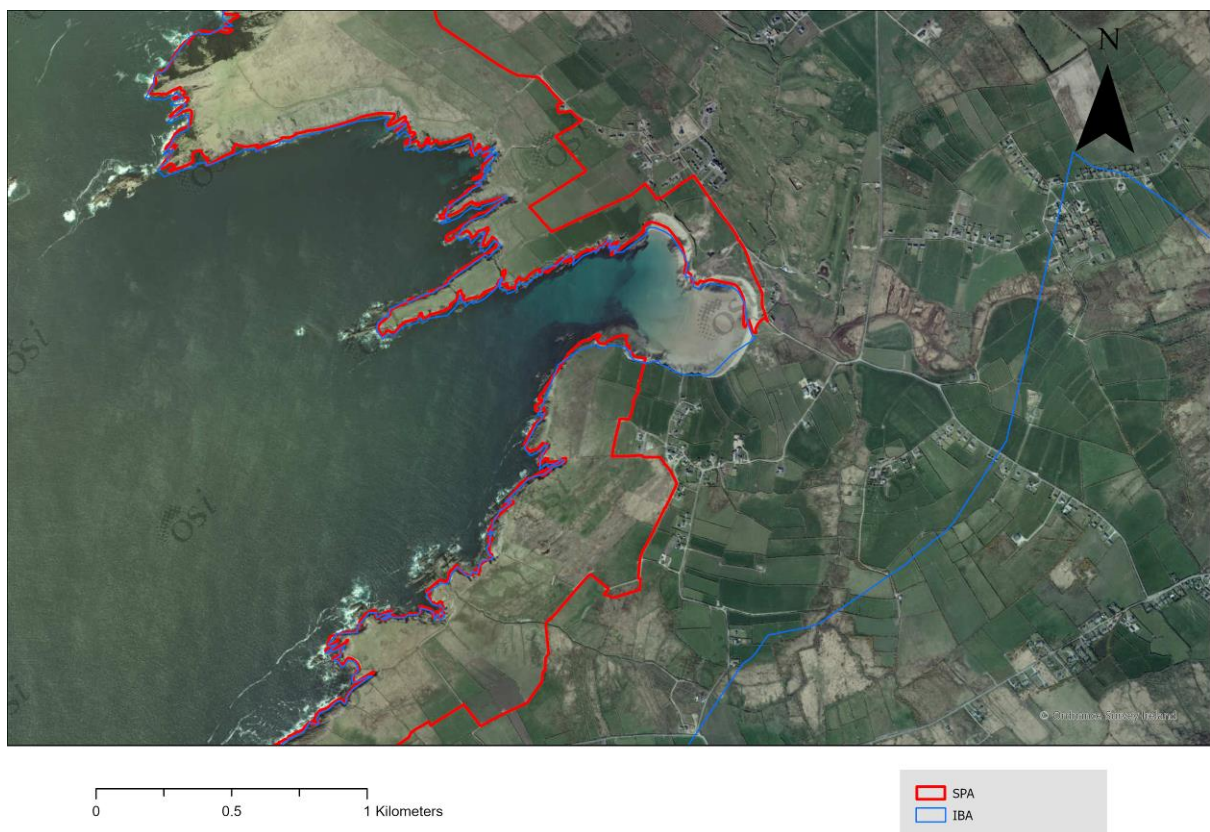


Fig 35e: A comparison of Dingle Peninsula SPA with the boundary of the latest version of the associated IBA (area 4)



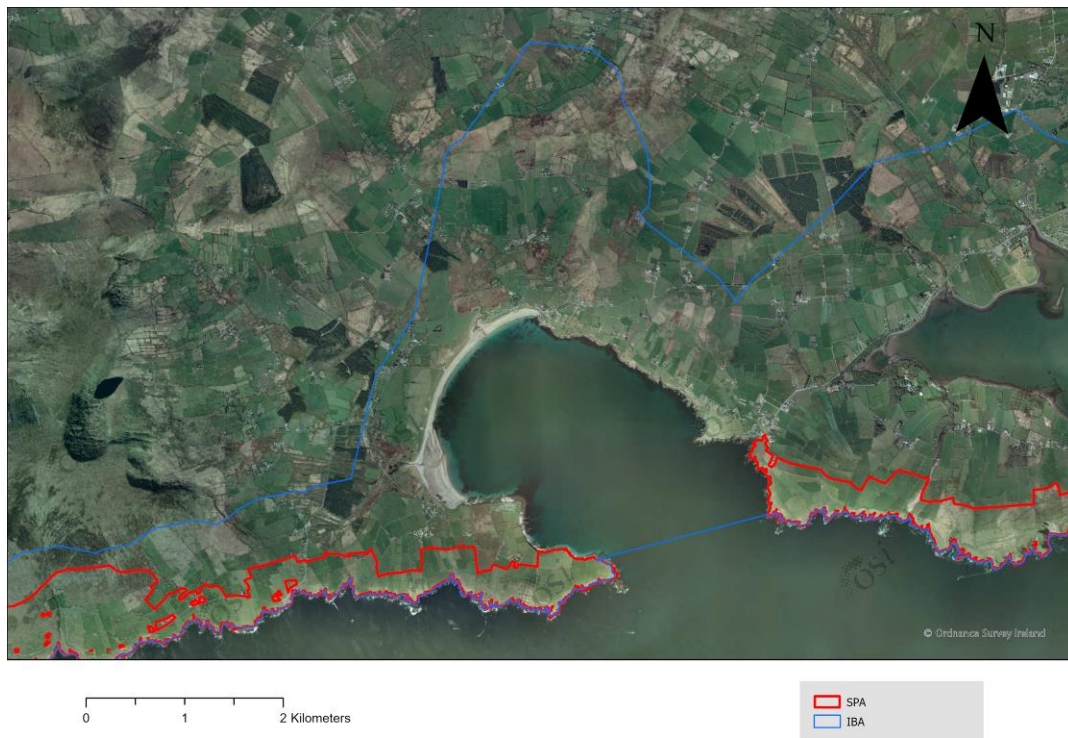


Fig 35f: A comparison of Dingle Peninsula SPA with the boundary of the latest version of the associated IBA (area 5)

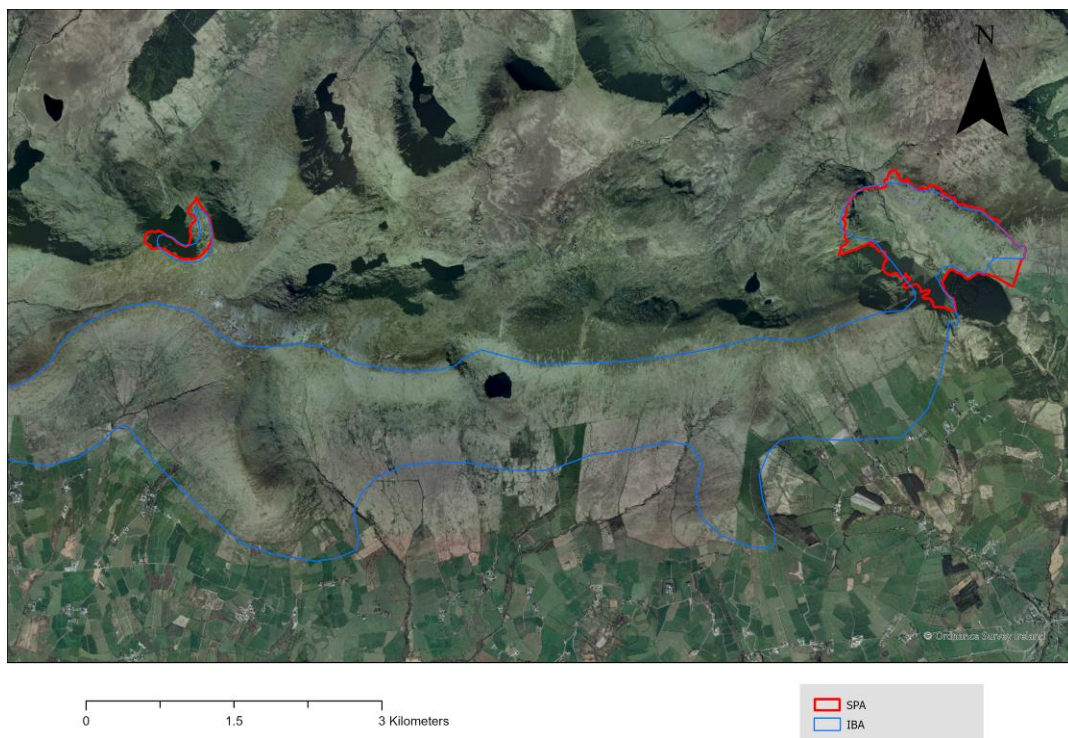


Fig 35g: A comparison of Dingle Peninsula SPA with the boundary of the latest version of the associated IBA (area 6)





Fig 35h: A comparison of Dingle Peninsula SPA with the boundary of the latest version of the associated IBA (area 7)

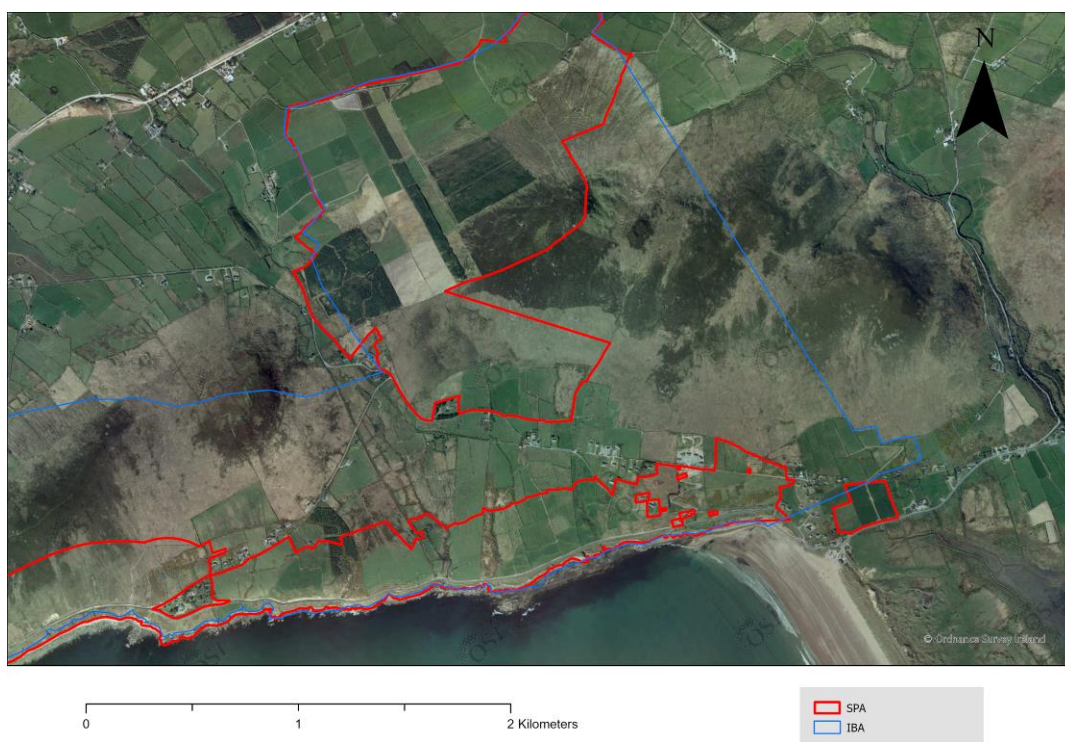


Fig 35i: A comparison of Dingle Peninsula SPA with the boundary of the latest version of the associated IBA (area 8)

## West Donegal Coast

A large coastal site in County Donegal. The West Donegal Coast SPA is smaller than the old version of the IBA and significantly smaller than the current version of the IBA, by over 6,000 ha (Table 36a, 36b). The IBA contains more areas of inland terrestrial habitat which encompasses agricultural land as well as buildings and structures (Fig 36a). The SPA includes mostly coastal areas compared to the IBA, covering suitable habitat for Chough, Shag, Fulmar, Herring Gull, Kittiwake, Razorbill the species of special conservation interest for the SPA.

Table 36a: Details of West Donegal Coast SPA

| SPA Code   | SPA Name               | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|------------|------------------------|--|-----------|---|---|
| IE0004 150 | West Donegal Coast SPA | Fulmar ( <i>Fulmarus glacialis</i> ) [A009], Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Shag ( <i>Phalacrocorax aristotelis</i> ) [A018], Peregrine ( <i>Falco peregrinus</i> ) [A103], Herring Gull ( <i>Larus argentatus</i> ) [A184], Kittiwake ( <i>Rissa tridactyla</i> ) [A188], Razorbill ( <i>Alca torda</i> ) [A200], Chough ( <i>Pyrhcorax pyrrhcorax</i> ) [A346] | 3377      | <a href="https://www.npws.ie/protected-sites/spa/004150">https://www.npws.ie/protected-sites/spa/004150</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0389.html">https://www.irishstatutebook.ie/2010/en/si/0389.html</a> |

Table 36b: Details of

| IBA Code | IBA Name               | IBA QI                                 | Area (Heath & Evans, 2000) | Area (latest) |
|----------|------------------------|--|----------------------------|---------------|
| 24       | West Donegal Coast IBA | Chough ( <i>Pyrhcorax pyrrhcorax</i> ) | 4,050                      | 9,699         |

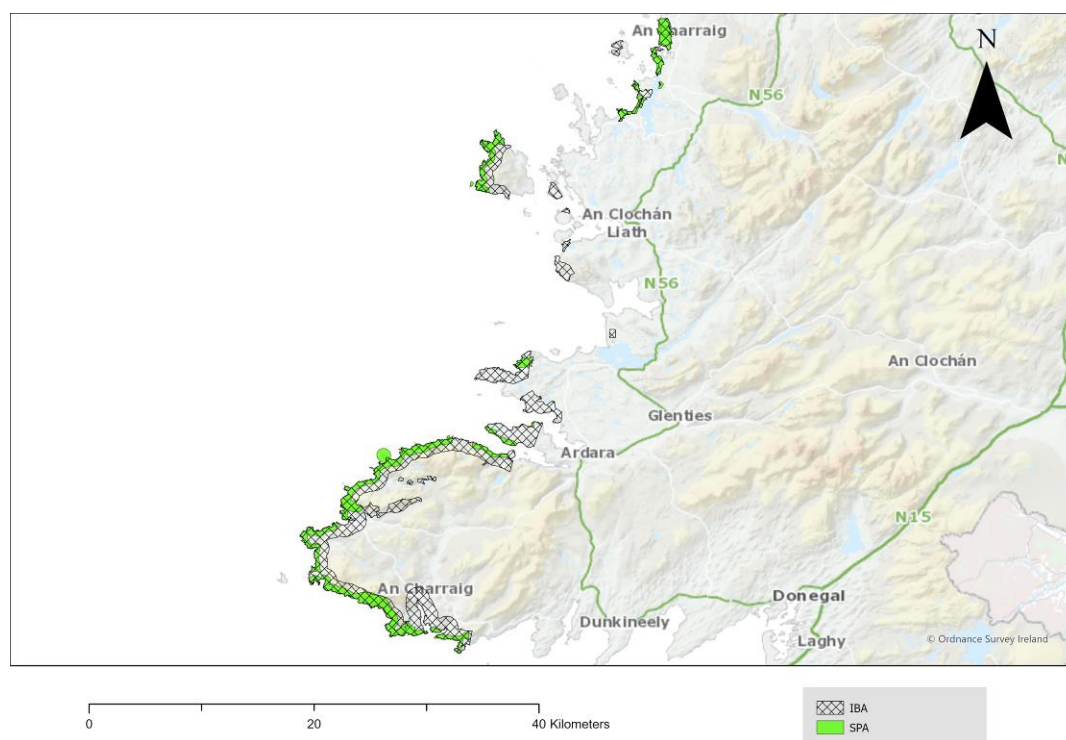


Fig 36: A comparison of West Donegal Coast SPA with the boundary of the latest version of the associated IBA

### Falcarragh to Min an Chladagh

This large site follows a section of coastline in north County Donegal. Falcarragh to Meenlaragh SPA is smaller than both the original and current version of the IBA (Table 37a, 37b). The original IBA contained large areas of habitat unsuitable for Corncrake. The SPA focuses on suitable habitat for Corncrake, the species of special conservation interest for the site.

Table 37a: Details of Falcarragh to Meenlaragh SPA

| SPA Code   | SPA Name                     | Special Conservation Interests | Area (ha) | Further information   | Statutory Instrument  |
|------------|------------------------------|--------------------------------|-----------|---|---|
| IE0004 149 | Falcarragh to Meenlaragh SPA | Corncrake ( <i>Crex crex</i> ) | 296       | <a href="https://www.npws.ie/protected-sites/spa/004149">https://www.npws.ie/protected-sites/spa/004149</a> | <a href="https://www.irishstatutebook.ie/eli/2021/si/389/made/en/pdf">https://www.irishstatutebook.ie/eli/2021/si/389/made/en/pdf</a> |

Table 37a: Details of Falcarragh to Min an Chladaigh IBA

| IBA Code | IBA Name                           | IBA QI                         | Area (Heath & Evans, 2000) | Area (latest) |
|----------|------------------------------------|--------------------------------|----------------------------|---------------|
| 14       | Falcarragh to Min an Chladaigh IBA | Corncrake ( <i>Crex crex</i> ) | 4,700                      | 1,254         |

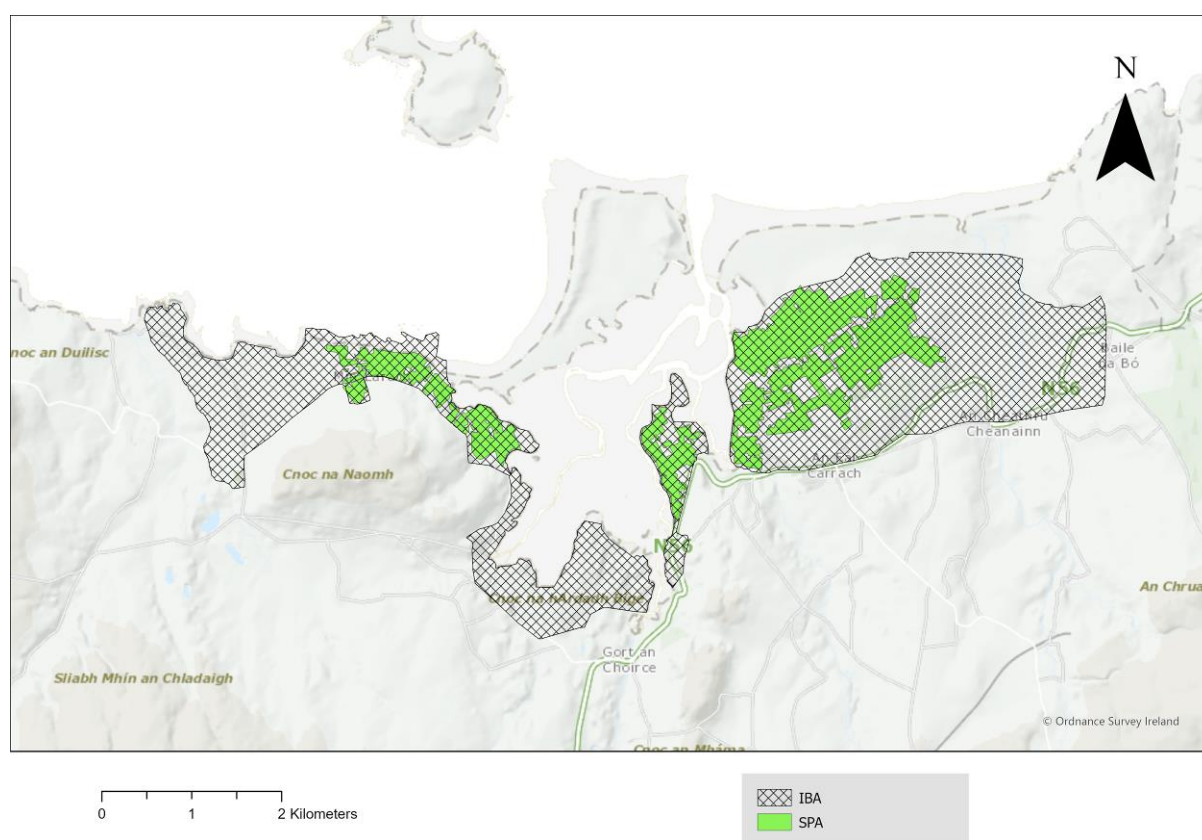


Fig 37: A comparison of Falcarragh to Meenlaragh SPA with the boundary of the latest version of the associated IBA



## Malin Head

A long stretch of coastline in northern County Donegal. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. Malin Head SPA is smaller than the old version of the IBA (Table 38a, 38b). The original IBA contained areas of habitat unsuitable for Corncrake. The SPA focuses on suitable habitat for Corncrake, the species of Special Conservation Interest for the site.

Table 38a: Details of Malin Head SPA

| SPA Code  | SPA Name       | Special Conservation Interests        | Area (ha) | Further information   | Statutory Instrument  |
|-----------|----------------|---------------------------------------|-----------|---|---|
| IE0004146 | Malin Head SPA | Corncrake ( <i>Crex crex</i> ) [A122] | 281       | <a href="https://www.npws.ie/protected-sites/spa/004146">https://www.npws.ie/protected-sites/spa/004146</a> | <a href="https://www.irishstatutebook.ie/2013/en/si/0084.html">https://www.irishstatutebook.ie/2013/en/si/0084.html</a> |

Table 38b: Details of Malin Head IBA

| IBA Code | IBA Name       | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|----------------|--|----------------------------|---------------|
| 2        | Malin Head IBA | Barnacle Goose ( <i>Branta leucopsis</i> ), Corncrake ( <i>Crex crex</i> ) | 750                        | NA            |

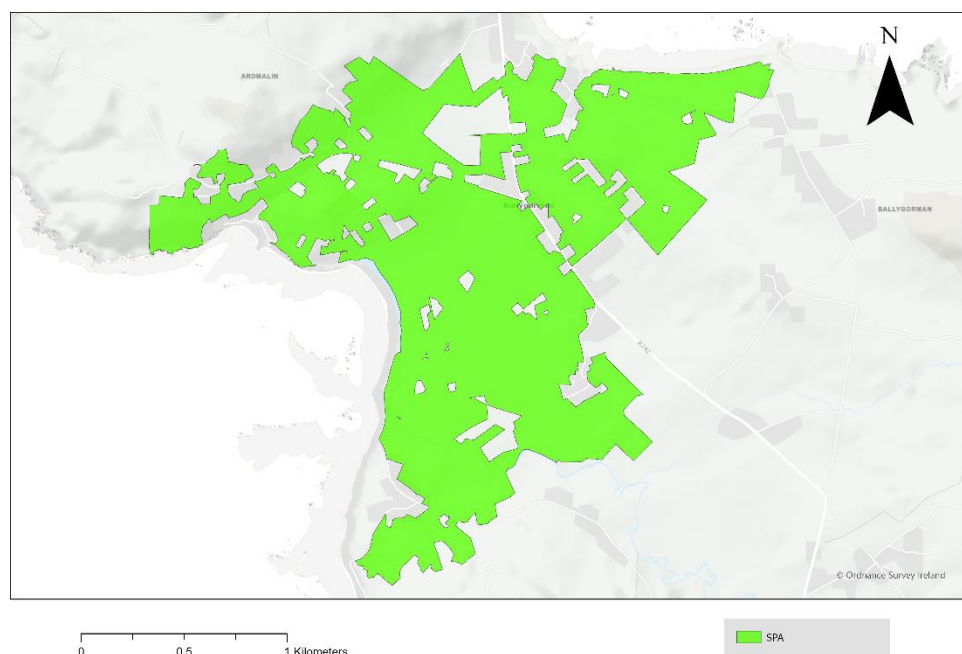


Fig 38: Current boundary of Malin Head SPA



## Fanad Head Peninsula

This peninsula is west of Malin Head comprising mainly of mixed farmland habitat. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. Fanad Head SPA is much smaller than the old version of the IBA (Table 39a, 39b). The original IBA contained areas of habitat unsuitable for Corncrake. The SPA focuses on suitable habitat for Corncrake, the species of special conservation interest for the site.

Table 39a: Details of Fanad Head SPA

| SPA Code      | SPA Name       | Special Conservation Interests        | Area (ha) | Further information   | Statutory Instrument  |
|---------------|----------------|---------------------------------------|-----------|---|---|
| IE0004<br>148 | Fanad Head SPA | Corncrake ( <i>Crex crex</i> ) [A122] | 136       | <a href="https://www.npws.ie/protected-sites/spa/004148">https://www.npws.ie/protected-sites/spa/004148</a> | <a href="https://www.irishstatutebook.ie/eli/2013/si/439/made/en">https://www.irishstatutebook.ie/eli/2013/si/439/made/en</a> |

Table 39b: Details of Fanad Head Peninsula IBA

| IBA Code | IBA Name                 | IBA QI                         | Area (Heath & Evans, 2000) | Area (latest) |
|----------|--------------------------|--------------------------------|----------------------------|---------------|
| 7        | Fanad Head Peninsula IBA | Corncrake ( <i>Crex crex</i> ) | 8,600                      | NA            |

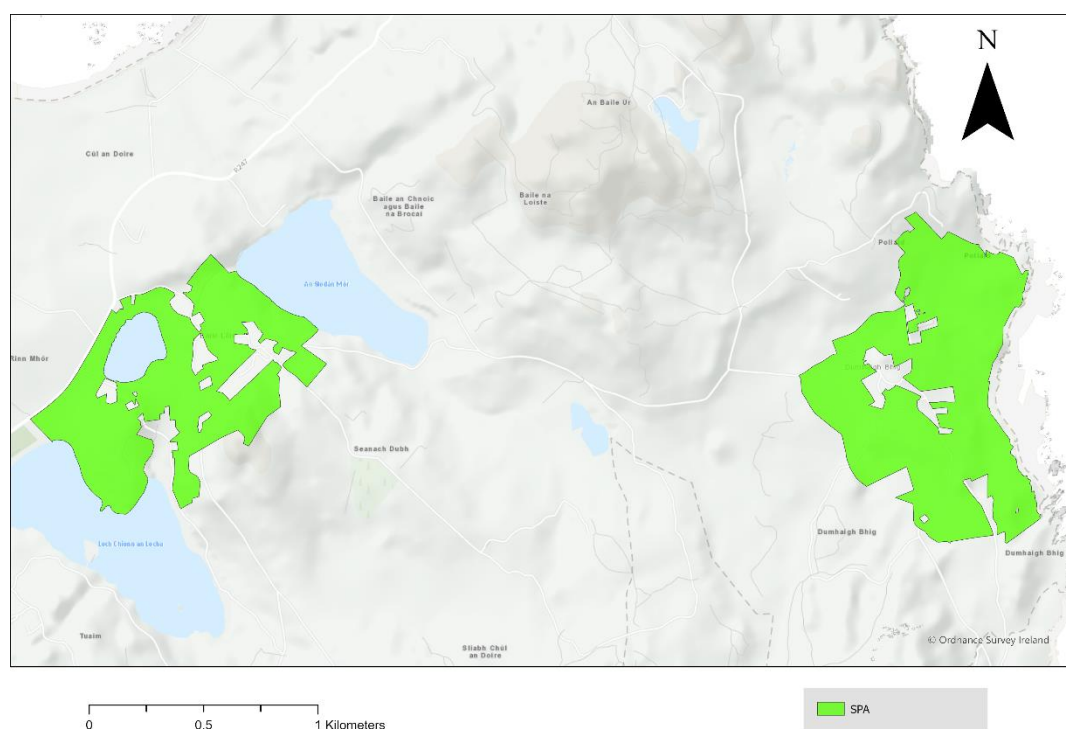


Fig 39: Current boundary of Fanad Head SPA

## Second part of first complaint – Failure to make complete classification of sites

### 1.2. Second part of first complaint – Failure to make complete classification of sites

The claim that was upheld by that Court was for 37 sites (IBAs) for which classification as SPA was only partial. This was upheld by court for 37 sites in total (para 128 judgment covers 36 of these sites):

#### Cork Harbour

This site is a large, sheltered sea bay with several river estuaries situated in County Cork. Cork Harbour SPA is smaller than both the old and current version of the IBA by 3273 and 977 ha respectively (Table 40a, 40b). The IBA includes various areas within the larger harbour whilst the SPA focuses on relatively important areas within the harbour for the species of Special Conservation Interest.

Table 40a: Details of Cork Harbour SPA

| SPA Code   | SPA Name         | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|------------|------------------|---|-----------|---|---|
| IE0004 030 | Cork Harbour SPA | Little Grebe ( <i>Tachybaptus ruficollis</i> ) [A004], Great Crested Grebe ( <i>Podiceps cristatus</i> ) [A005], Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Grey Heron ( <i>Ardea cinerea</i> ) [A028], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Wigeon ( <i>Anas penelope</i> ) [A050], Teal ( <i>Anas crecca</i> ) [A052], Pintail ( <i>Anas acuta</i> ) [A054], Shoveler ( <i>Anas clypeata</i> ) [A056], Red-breasted Merganser ( <i>Mergus serrator</i> ) [A069], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Common Gull ( <i>Larus canus</i> ) [A182], Lesser Black-backed Gull ( <i>Larus fuscus</i> ) [A183], Common Tern ( <i>Sterna hirundo</i> ) [A193], Wetland and Waterbirds [A999] | 2,677     | <a href="https://www.npws.ie/protected-sites/spa/004030">https://www.npws.ie/protected-sites/spa/004030</a> | <a href="https://www.irishstatutebook.ie/eli/2021/si/391/made/en/">https://www.irishstatutebook.ie/eli/2021/si/391/made/en/</a> |

Table 40b: Details of Cork Harbour IBA

| IBA Code | IBA Name         | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|------------------|---|----------------------------|---------------|
| 88       | Cork Harbour IBA | Dunlin ( <i>Calidris alpina</i> ), Black-tailed Godwit ( <i>Limosa limosa</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ), Curlew ( <i>Numenius arquata</i> ), Redshank ( <i>Tringa tetanus</i> ), Common Tern ( <i>Sterna hirundo</i> ) | 5,950                      | 3,654         |

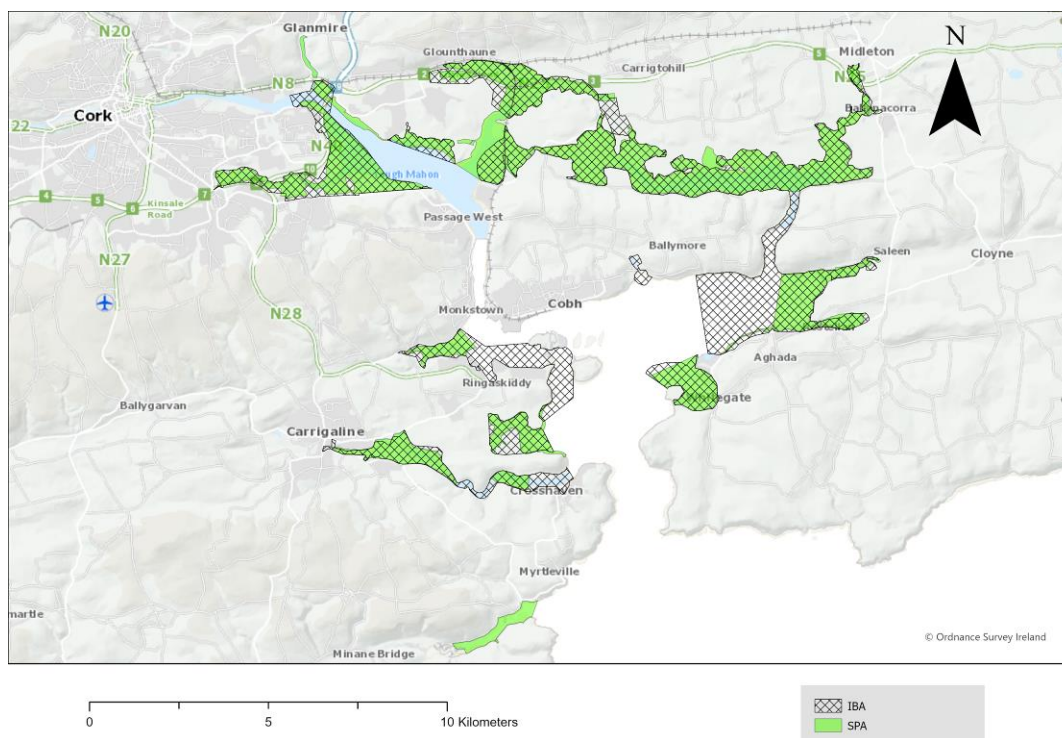


Fig 40: A comparison of Cork Harbour SPA with the boundary of the latest version of the associated IBA

### Dublin Bay

This is a large bay and estuary adjacent to Dublin city in County Dublin. The bay hosts a wide variety of bird species and is covered by three different SPAs by one large IBA that are interlinked. Overall the three SPAs (4216 ha) are larger than both the old version of the IBA and the current version of the IBA by over a 1000 and 2000 ha respectively (Table 41a, 41b). The northern part of the SPA is covered by North Bull Island SPA. The central part of the IBA is covered by South Dublin Bay and River Tolka Estuary SPA. The southern part of the IBA is partially covered by Dalkey Islands SPA (Fig 41a). Differences between the SPA and the current version of the IBA is highlighted in Fig 41a. Areas 1, 2 and 3 on Fig 41a show some slight differences between the SPA and IBA boundary. Areas 1 and 2 are further highlighted in Fig 41b and 41c respectively showing the SPA boundary taking in more areas close to Dublin Port than the IBA. Additionally, it shows that the IBA covers some buildings and carparks as well as other structures. Area 2 also shows that the SPA takes in more marine area than the IBA to the west and the IBA takes in more marine area to the east. The South Dublin Bay and River Tolka Estuary SPA takes in significantly more marine area than the corresponding IBA, see area 4. Conversely, the IBA takes in a larger stretch of the coastline and marine waters to the north of Dalkey Islands, see area 6. However, Dalkey Islands SPA extends further south of the IBA boundary, see area 6.

Table 41a: Details of Dalkey Islands SPA, North Bull Island SPA, South Dublin Bay and River Tolka Estuary SPA

| SPA Code  | SPA Name                                     | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|--|--|-----------|---|---|
| IE0004172 | Dalkey Islands SPA                           | Roseate Tern ( <i>Sterna dougallii</i> ) [A192], Common Tern ( <i>Sterna hirundo</i> ) [A193], Arctic Tern ( <i>Sterna paradisaea</i> ) [A194]   | 83        | <a href="https://www.npws.ie/protected-sites/spa/004172">https://www.npws.ie/protected-sites/spa/004172</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0238.html">https://www.irishstatutebook.ie/2010/en/si/0238.html</a> |
| IE004006  | North Bull Island SPA                        | Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Teal ( <i>Anas crecca</i> ) [A052], Pintail ( <i>Anas acuta</i> ) [A054], Shoveler ( <i>Anas clypeata</i> ) [A056], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Knot ( <i>Calidris canutus</i> ) [A143], Sanderling ( <i>Calidris alba</i> ) [A144], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Turnstone ( <i>Arenaria interpres</i> ) [A169], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Wetland and Waterbirds [A999] | 1940      | <a href="https://www.npws.ie/protected-sites/spa/004006">https://www.npws.ie/protected-sites/spa/004006</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0211.html">https://www.irishstatutebook.ie/2010/en/si/0211.html</a> |
| IE004024  | South Dublin Bay and River Tolka Estuary SPA | Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Knot ( <i>Calidris canutus</i> ) [A143], Sanderling ( <i>Calidris alba</i> ) [A144], Dunlin ( <i>Calidris alpina</i> ) [A149], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Redshank ( <i>Tringa totanus</i> ) [A162], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Roseate Tern ( <i>Sterna dougallii</i> ) [A192], Common Tern ( <i>Sterna hirundo</i> ) [A193], Arctic Tern ( <i>Sterna paradisaea</i> ) [A194], Wetland and Waterbirds [A999]  | 2193      | <a href="https://www.npws.ie/protected-sites/spa/004024">https://www.npws.ie/protected-sites/spa/004024</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0212.html">https://www.irishstatutebook.ie/2010/en/si/0212.html</a> |

Table 41b: Details of Dublin Bay IBA

| IBA Code | IBA Name       | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|----------------|---|----------------------------|---------------|
| 109      | Dublin Bay IBA | Brent Goose ( <i>Branta bernicla</i> ), Oystercatcher ( <i>Haematopus ostralegus</i> ), Knot ( <i>Calidris canutus</i> ), Dunlin ( <i>Calidris alpina</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ), Curlew ( <i>Numenius arquata</i> ), Redshank ( <i>Tringa tetanus</i> ), Roseate Tern ( <i>Sterna dougallii</i> ), Common Tern ( <i>Sterna hirundo</i> ) | 3000                       | 4070          |



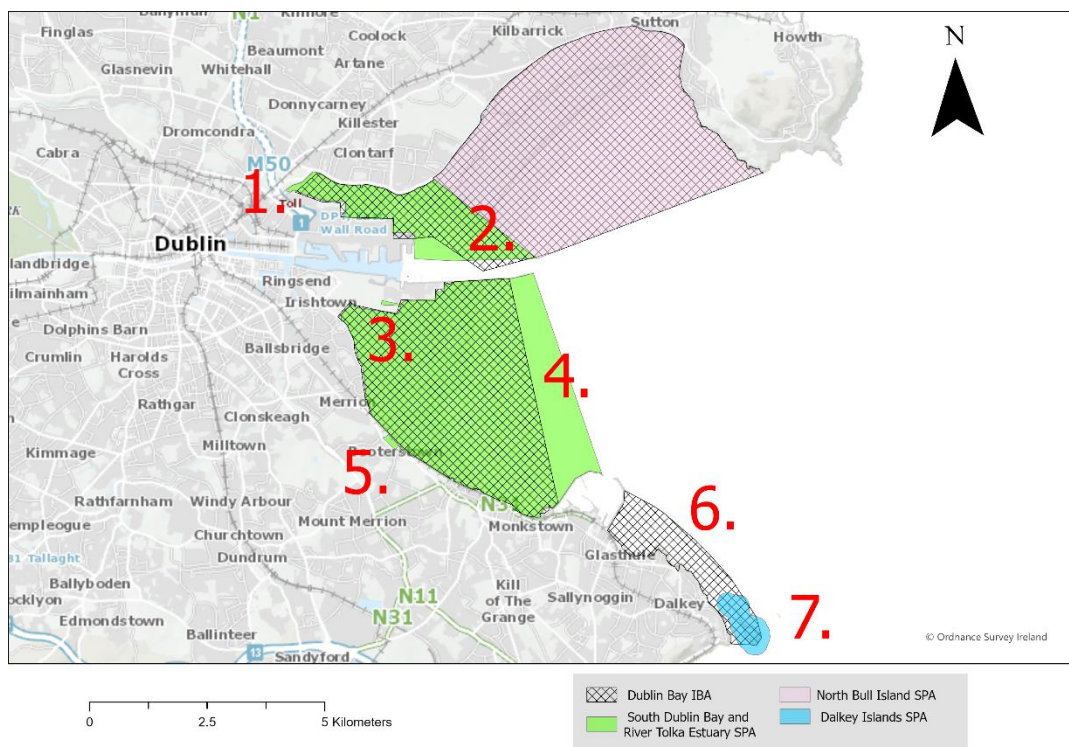


Fig 41a: A comparison of Dalkey Islands SPA, North Bull Island SPA, South Dublin Bay and River Tolka Estuary SPA with the boundary of the latest version of the associated IBA



Fig 41b: A comparison of Dalkey Islands SPA, North Bull Island SPA, South Dublin Bay and River Tolka Estuary SPA with the boundary of the latest version of the associated IBA





Fig 41c: A comparison of Dalkey Islands SPA, North Bull Island SPA, South Dublin Bay and River Tolka Estuary SPA with the boundary of the latest version of the associated IBA

## Trawbreaga Bay

Trawbreaga Bay is an almost land-locked bay, situated next to Malin Head on the north County Donegal coast. Trawbreaga Bay SPA is larger than both the old and current version of the IBA (Table 42a and 42b). The SPA boundary differs from the current IBA boundary in several areas. These differences are highlighted and numbered in Fig 42a (areas 1 to 7) and the numbered areas are mapped individually in Fig 42b to 42h. The SPA includes Glashedy Island which is not included in the SPA, area 1 of Fig 42a. The SPA is also larger than the IBA in areas 2 (for Chough), 4 and 6. The current version of the IBA includes some areas of the bay that is not included in the SPA, see areas 3, 4, 5 and 7. The IBA includes agricultural land (feeding fields for Barnacle and Brent Geese) as well as farm buildings and houses. Fig 42c, d, e and g show these areas in more detail. Overall, there is 469 ha of SPA that was not in the current version of the IBA.

Table 42a: Details of Trawbreaga Bay SPA

| SPA Code  | SPA Name           | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|--------------------|--|-----------|---|---|
| IE0004034 | Trawbreaga Bay SPA | Barnacle Goose ( <i>Branta leucopsis</i> ) [A045], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Chough ( <i>Pyrhocorax pyrrhocorax</i> ) [A346], Wetland and Waterbirds [A999] | 1,549     | <a href="https://www.npws.ie/protected-sites/spa/004034">https://www.npws.ie/protected-sites/spa/004034</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0261.html">https://www.irishstatutebook.ie/2012/en/si/0261.html</a> |

Table 42b: Details of

| IBA Code | IBA Name           | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|--------------------|--|----------------------------|---------------|
| 3        | Trawbreaga Bay IBA | Barnacle Goose ( <i>Branta leucopsis</i> ), Brent Goose ( <i>Branta bernicla</i> ) | 1,100                      | 1,267         |

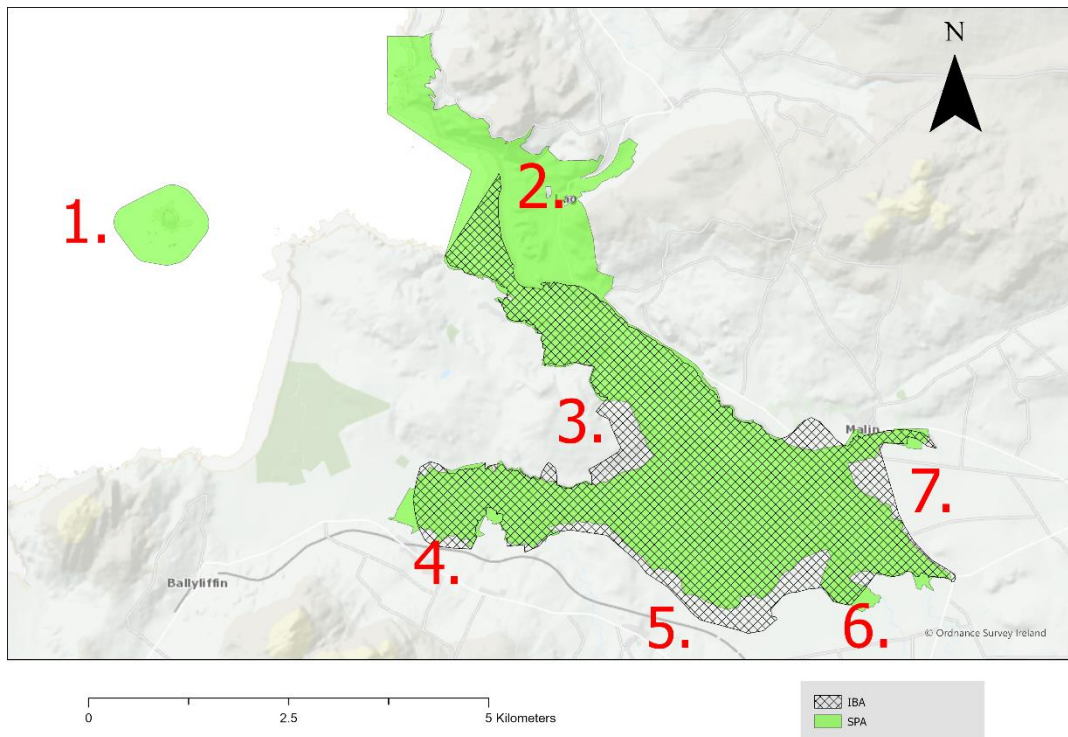


Fig 42a: A comparison of Trawbreaga Bay SPA with the boundary of the latest version of the associated IBA



Fig 42b: A comparison of Trawbreaga Bay SPA with the boundary of the latest version of the associated IBA (area 1, Glashedy Island)





Fig 42c: A comparison of Trawbreaga Bay SPA with the boundary of the latest version of the associated IBA (area 2)



Fig 42d: A comparison of Trawbreaga Bay SPA with the boundary of the latest version of the associated IBA (area 3)



Fig 42e: A comparison of Trawbreaga Bay SPA with the boundary of the latest version of the associated IBA (area 4)

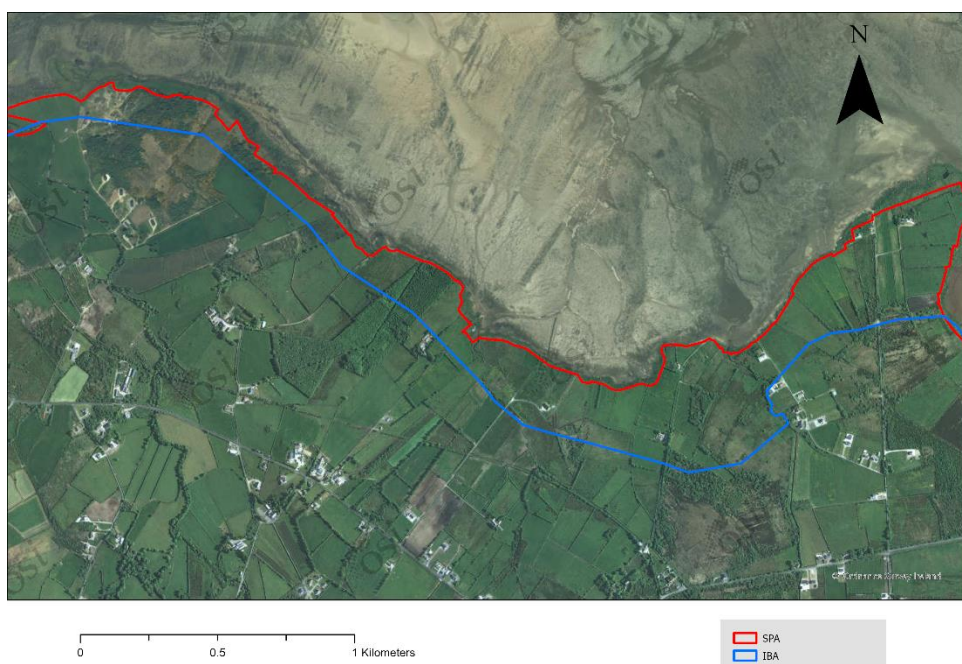


Fig 42f: A comparison of Trawbreaga Bay SPA with the boundary of the latest version of the associated IBA (area 5)



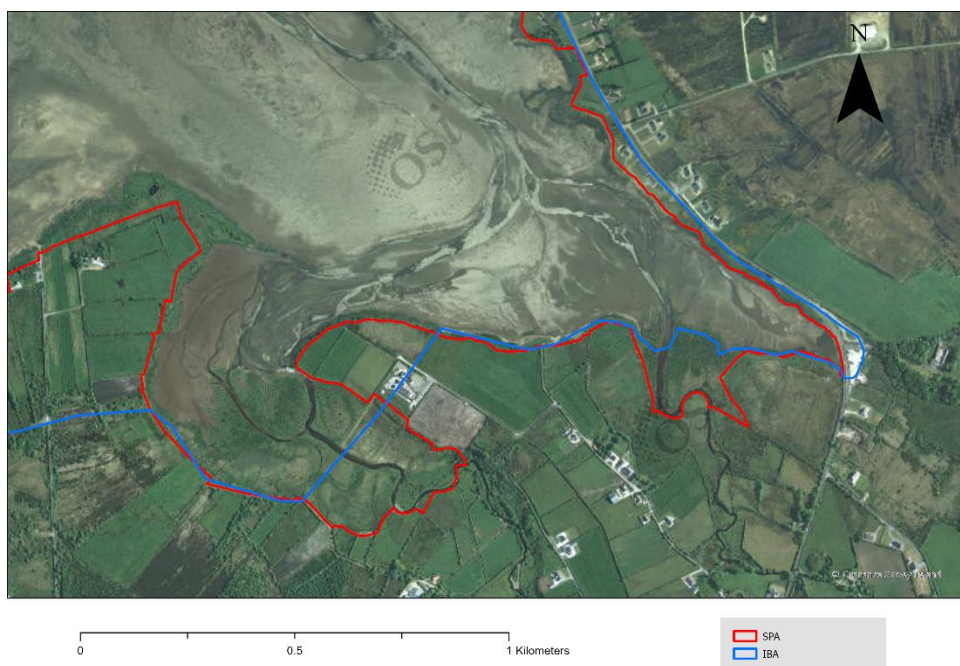


Fig 42g: A comparison of Trawbreaga Bay SPA with the boundary of the latest version of the associated IBA (area 6)

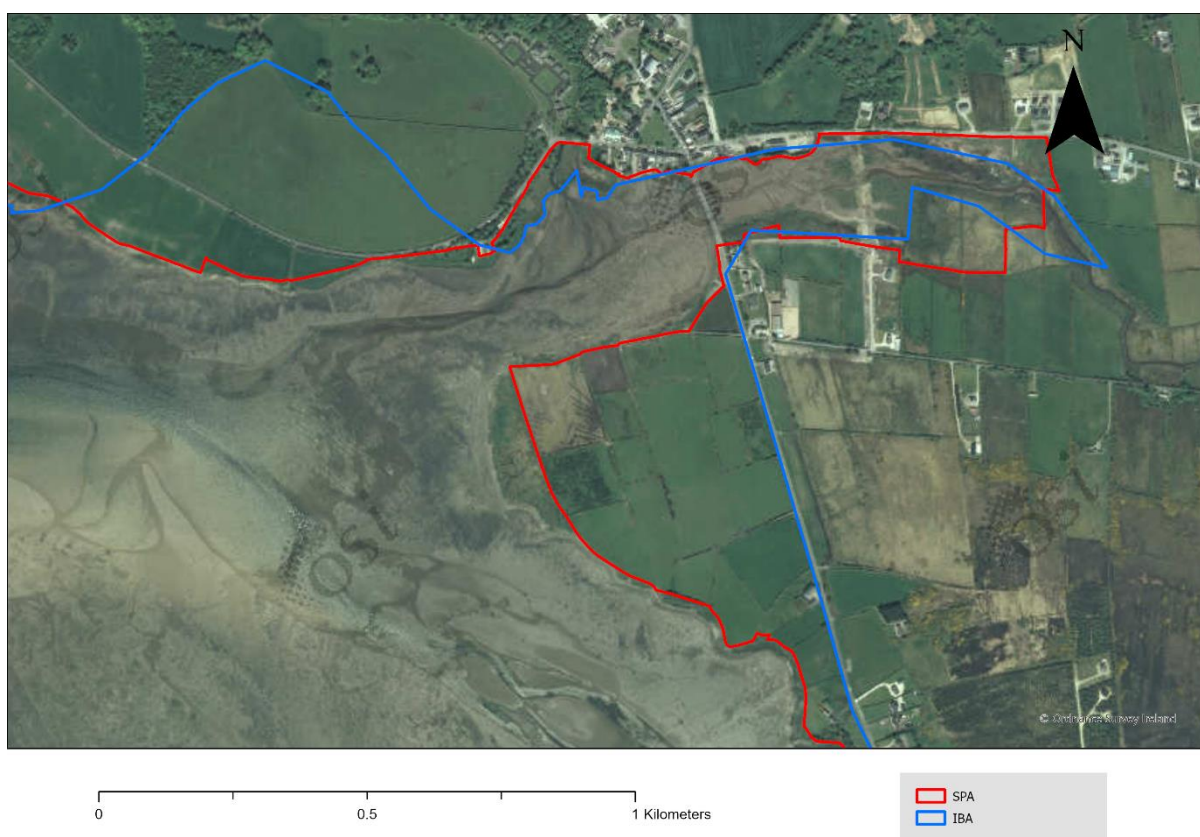


Fig 42h: A comparison of Trawbreaga Bay SPA with the boundary of the latest version of the associated IBA (area 7)

## Lough Swilly

This site encompasses a large part of Lough Swilly encompassing long, narrow sea inlet with extensive banks of mud and shingle between Letterkenny and Inch, including Inch Island. Lough Swilly SPA is smaller than both the old and current version of the IBA. The SPA boundary differs from the current IBA boundary in several areas. These differences are highlighted and numbered in Fig 43a (areas 1 to 3) and the numbered areas are mapped individually in Fig 43b to 43d. The current version of the IBA includes an extra area of the Lough that extends north of the SPA, see area 1. The IBA also includes terrestrial areas that are not included in the SPA, see areas 2 and 3. These areas of the IBA include farm buildings and houses. The SPA boundary does not encompass these structures. The SPA also contains small areas that are not included in the IBA including a small area of the inner estuary, a suitable habitat for waterbirds, and terrestrial areas suitable for geese (area 4).

Table 43a: Details of Lough Swilly SPA

| SPA Code  | SPA Name         | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|------------------|--|-----------|---|---|
| IE0004075 | Lough Swilly SPA | Great Crested Grebe ( <i>Podiceps cristatus</i> ) [A005], Grey Heron ( <i>Ardea cinerea</i> ) [A028], Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Greylag Goose ( <i>Anser anser</i> ) [A043], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Wigeon ( <i>Anas penelope</i> ) [A050], Teal ( <i>Anas crecca</i> ) [A052], Mallard ( <i>Anas platyrhynchos</i> ) [A053], Shoveler ( <i>Anas clypeata</i> ) [A056], Scaup ( <i>Aythya marila</i> ) [A062], Goldeneye ( <i>Bucephala clangula</i> ) [A067], Red-breasted Merganser ( <i>Mergus serrator</i> ) [A069], Coot ( <i>Fulica atra</i> ) [A125], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Knot ( <i>Calidris canutus</i> ) [A143], Dunlin ( <i>Calidris alpina</i> ) [A149], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Greenshank ( <i>Tringa nebularia</i> ) [A164], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Common Gull ( <i>Larus canus</i> ) [A182], Sandwich Tern ( <i>Sterna sandvicensis</i> ) [A191], Common Tern ( <i>Sterna hirundo</i> ) [A193], Greenland White-fronted Goose ( <i>Anser albifrons flavirostris</i> ) [A395], Wetland and Waterbirds [A999] | 8,560     | <a href="https://www.npws.ie/protected-sites/spa/004075">https://www.npws.ie/protected-sites/spa/004075</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0592.html">https://www.irishstatutebook.ie/2012/en/si/0592.html</a> |

Table 43b: Details of Lough Swilly including Blanket Nook and Inch Lake IBA

| IBA Code | IBA Name  | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---|--|----------------------------|---------------|
| 5        | Lough Swilly including Blanket Nook and Inch Lake IBA | Whooper Swan ( <i>Cygnus Cygnus</i> ), Whooper Swan ( <i>Cygnus cygnus</i> ), White-fronted Goose ( <i>Anser albifrons</i> ), Greylag Goose ( <i>Anser anser</i> ), Dunlin ( <i>Calidris alpina</i> ), Curlew ( <i>Numenius arquata</i> ), Redshank ( <i>Tringa tetanus</i> ), Sandwich Tern ( <i>Sterna sandvicensis</i> ), Bewick's Swan ( <i>Cygnus columbianus</i> ) | 9,000                      | 9,481         |



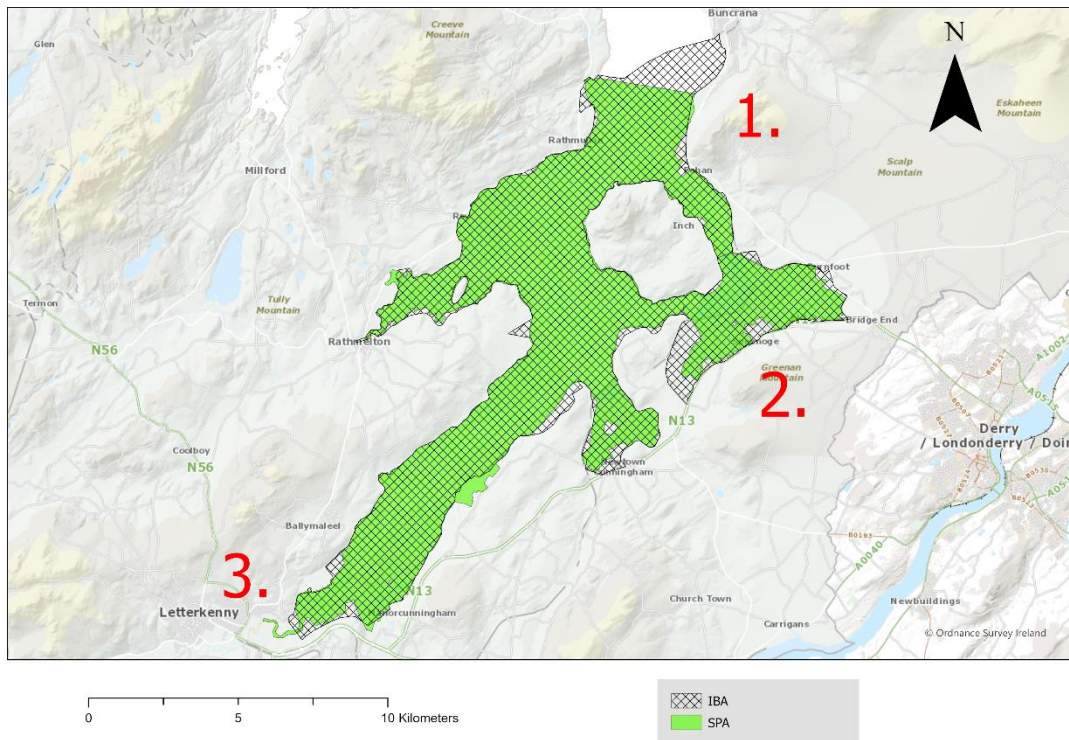


Fig 43a: A comparison of Lough Swilly SPA with the boundary of the latest version of the associated IBA

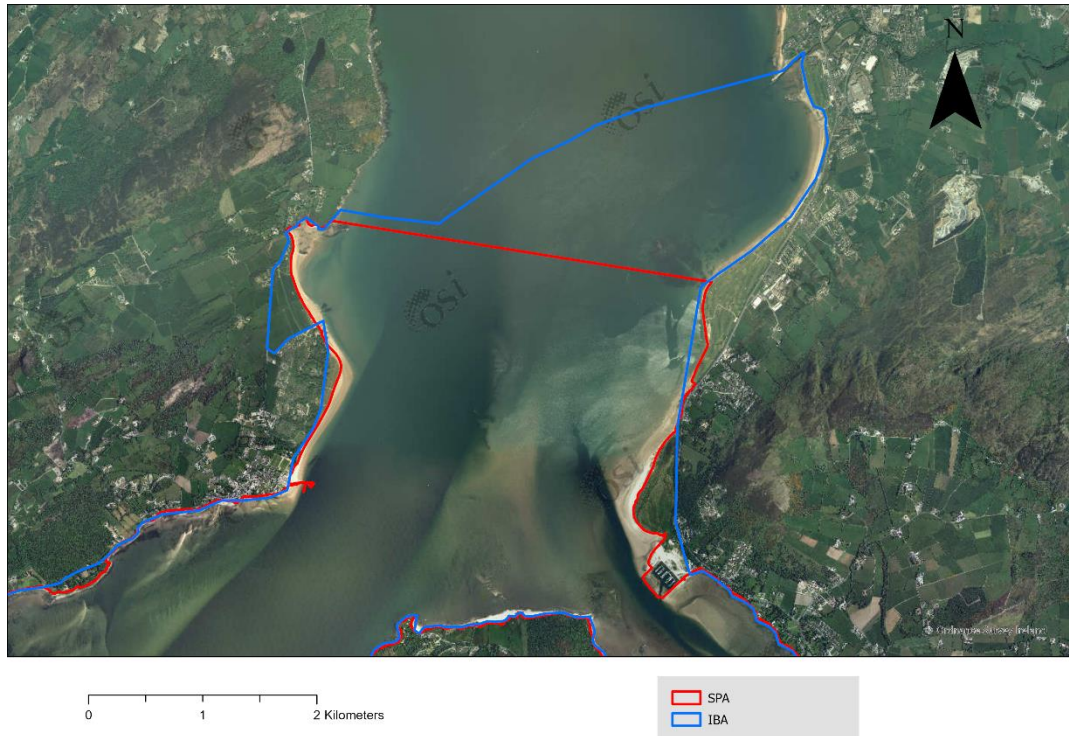


Fig 43b: A comparison of Lough Swilly SPA with the boundary of the latest version of the associated IBA (area 1)



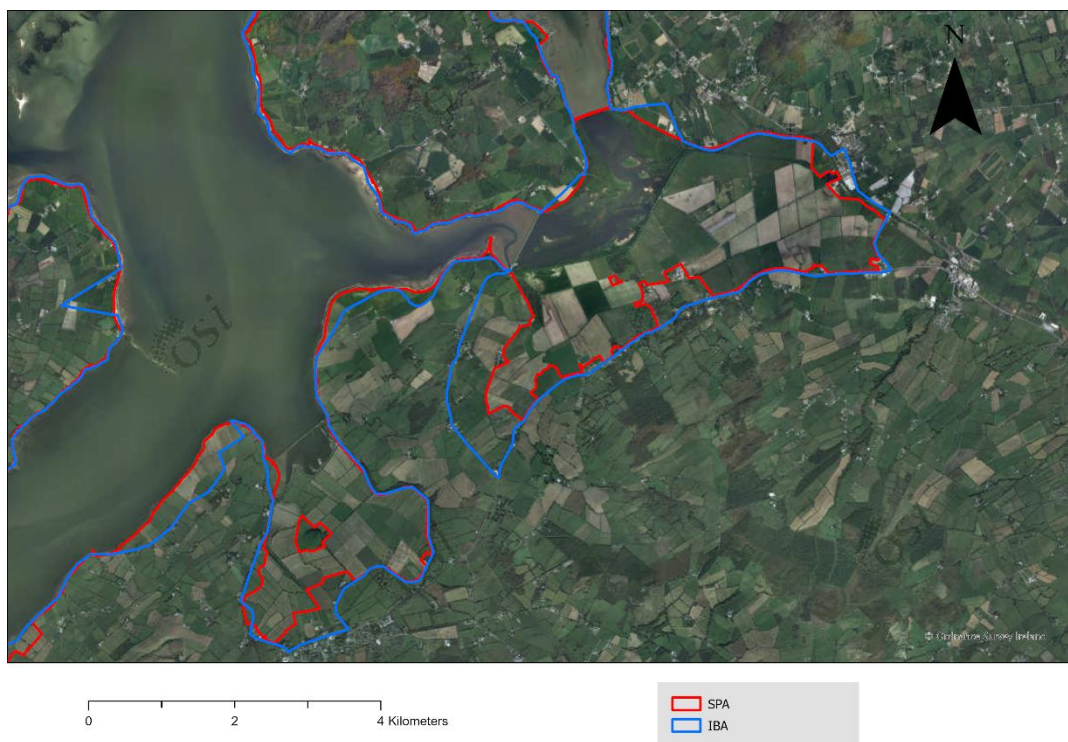


Fig 43c: A comparison of Lough Swilly SPA with the boundary of the latest version of the associated IBA (area 2)



Fig 43d: A comparison of Lough Swilly SPA with the boundary of the latest version of the associated IBA (area 3)

## Drumcliff Bay

This area is covered by two SPAs and one IBA that are interlinked. The combined area of Ballintemple and Ballygilgan SPA and Drumcliff Bay SPA is 2079 is smaller than both the old and current version of the corresponding IBA. Areas 1 and 2 of Fig 44a show areas of agricultural land as well as farm buildings and structures that are included in the IBA but not in the SPA, see Fig 44b and 44c for more detailed imagery. Area 2 also highlights an area of inner bay that is covered by the SPA but not the IBA. Area 3 of Fig 44a and Fig 44c shows an area of marine waters that are included in the SPA but not the IBA.

Table 44a: Details of Ballintemple and Ballygilgan SPA and Drumcliff Bay SPA

| SPA Code  | SPA Name                         | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|----------------------------------|---|-----------|---|---|
| IE0004234 | Ballintemple and Ballygilgan SPA | Barnacle Goose ( <i>Branta leucopsis</i> )  | 235       | <a href="https://www.npws.ie/protected-sites/spa/004234">https://www.npws.ie/protected-sites/spa/004234</a> | <a href="https://www.irishtatutebook.ie/2012/en/si/0463.html">https://www.irishtatutebook.ie/2012/en/si/0463.html</a> |
| IE004013  | Drumcliff Bay SPA                | Sanderling ( <i>Calidris alba</i> ) [A144], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Wetland and Waterbirds [A999] | 1844      | <a href="https://www.npws.ie/protected-sites/spa/004013">https://www.npws.ie/protected-sites/spa/004013</a> | <a href="https://www.irishtatutebook.ie/2012/en/si/0040.html">https://www.irishtatutebook.ie/2012/en/si/0040.html</a> |

Table 44a: Details of Drumcliff Bay & Ballintemple IBA

| IBA Code | IBA Name                         | IBA QI                                     | Area (Heath & Evans, 2000) | Area (latest) |
|----------|----------------------------------|--|----------------------------|---------------|
| 33       | Drumcliff Bay & Ballintemple IBA | Barnacle Goose ( <i>Branta leucopsis</i> ) | 3,000                      | 2,588         |

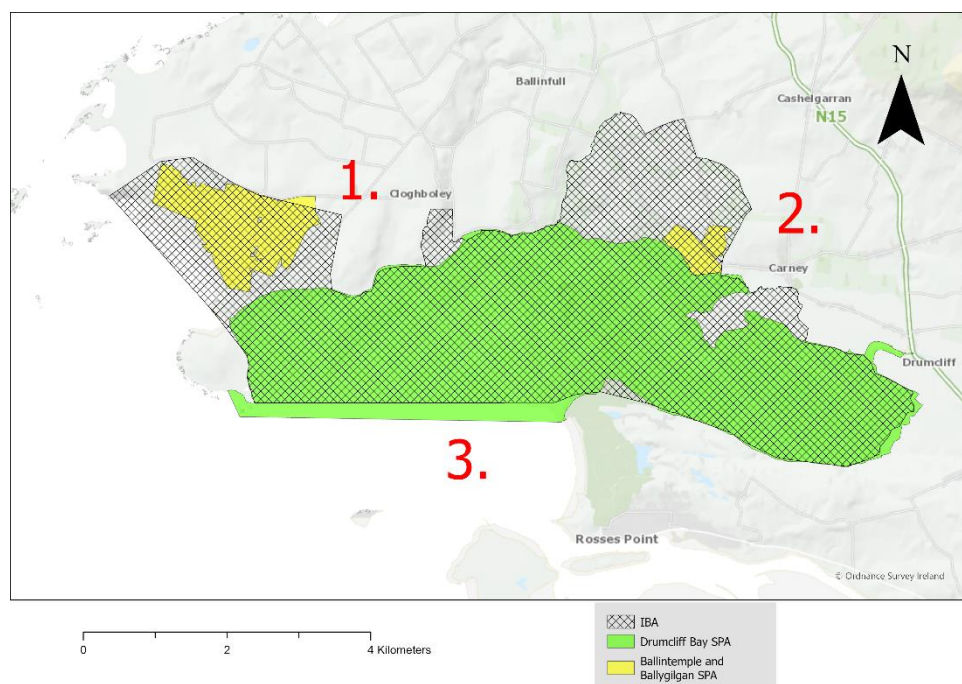


Fig 44a: A comparison of Drumcliff Bay & Ballintemple IBA with the boundary of the latest version of the associated SPA





Fig 44b: A comparison of Drumcliff Bay & Ballintemple IBA with the boundary of the latest version of the associated SPA (area 1)



Fig 44b: A comparison of Drumcliff Bay & Ballintemple IBA with the boundary of the latest version of the associated SPA (area 2)

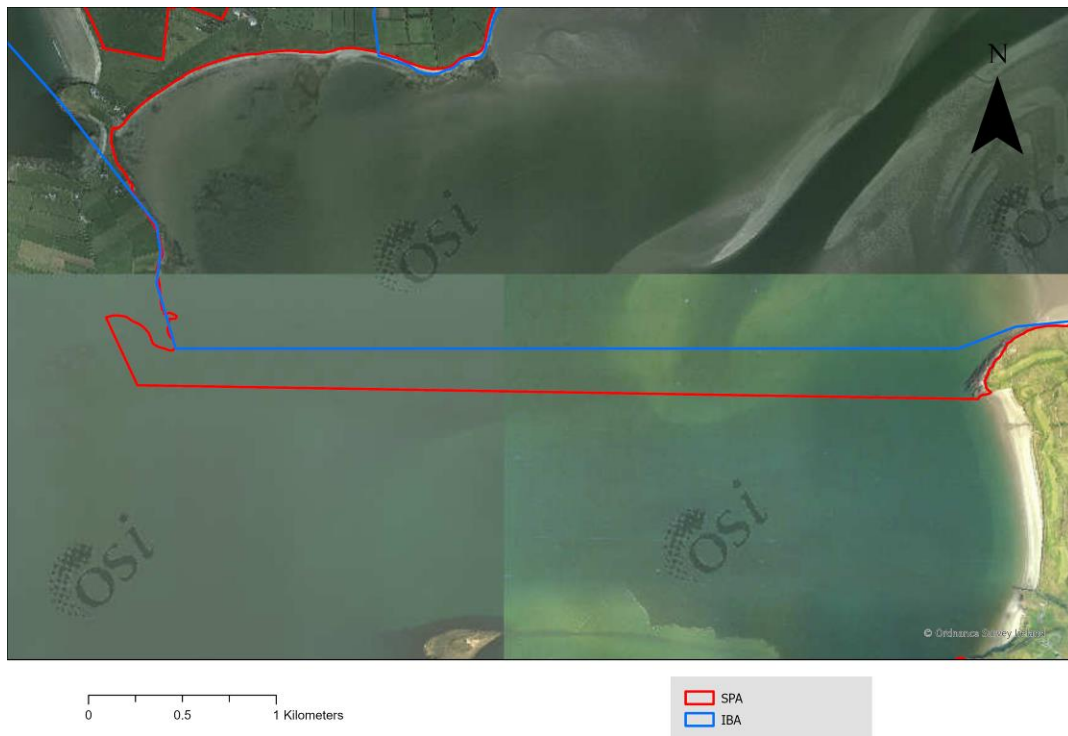


Fig 44b: A comparison of Drumcliff Bay & Ballintemple IBA with the boundary of the latest version of the associated SPA (area 3)

#### Cummeen Strand

As per Figure 45a the boundaries of the SPA and IBA are largely co-incident save for a number of areas within the site (areas 1 – 3). In terms of total estimated areas, the SPA is 0.5% larger than the latest version of Donegal Bay IBA. Area 1 shows that the IBA includes an area of Sligo Harbour Port which is not included in the SPA. This area of port infrastructure work on which (e.g. the creation of sea walls) were already underway when the black and white image was taken in 1995. The IBA also includes a small stretch of the Garvoge River. As per established SPA mapping conventions, the SPA for a large bay/estuary terminates up river at a suitable boundary (usually a bridge) where the river reduces in width and value for the Special Conservation Interests. Area 2 and Fig 45b shows the upper shore and saltmarsh habitat which was not included within the IBA but is included in the SPA. The outer stretches of Cummeen Strand is somewhat dynamic and the IBA and SPA approaches chose different area to define a boundary that closes of the largely intertidal habitat of the site. The figure of this general area (Fig 45c) shows that more marine area (both intertidal and subtidal habitats) is included in the SPA compared to the IBA.

Table 45a: Details of Cummeen Strand SPA

| Code     | Name               | Special Conservation Interests   | Area  | Further information   | Statutory Instrument  |
|----------|--------------------|--|-------|---|---|
| 80004035 | Cummeen Strand SPA | Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046]; Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130]; Redshank ( <i>Tringa totanus</i> ) [A162]; Wetland and Waterbirds [A999] | 1,732 | <a href="https://www.npws.ie/protected-sites/spa/004035">https://www.npws.ie/protected-sites/spa/004035</a> | <a href="https://www.irishstatutebook.ie/eli/2011/si/376/made/en/print">https://www.irishstatutebook.ie/eli/2011/si/376/made/en/print</a> |

Table 45b: Details of Cummeen Strand IBA

| Code | Name                               | QIs   | Area (Heath & Evans 2000) | Area (latest) |
|------|------------------------------------|---|---------------------------|---------------|
| 34   | Cummeen Strand (Sligo Harbour) IBA | Brent Goose ( <i>Branta bernicla</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ) | 1,865                     | 1,865         |

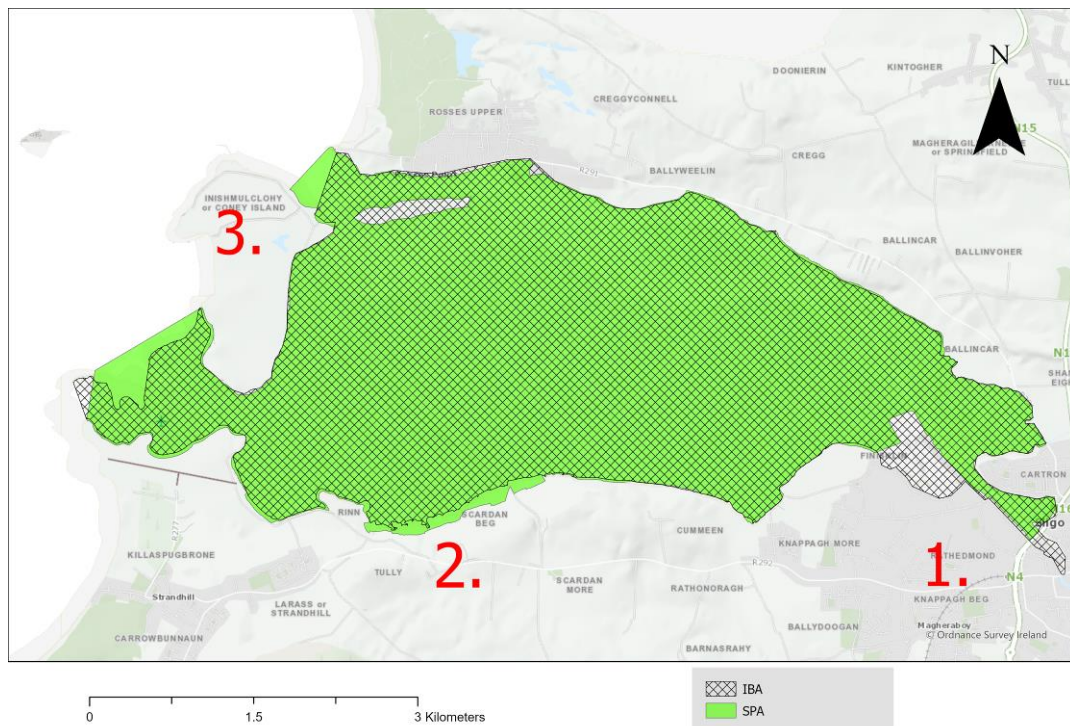


Fig 45a





Fig 45b: Area 2 showing upper shore and saltmarsh habitats which were not included within the IBA but are included in the SPA



Fig 45c: Area 3 showing differences between SPA and IBA boundary



## Killala Bay

Killala Bay is between Counties Mayo and Sligo at the mouth of the River Moy. Killala Bay/Moy Estuary SPA is smaller than the original version of the IBA and similar in size, but smaller, than the current version of the IBA (Table 46a, 46b). The SPA boundary differs from the current IBA boundary in several areas. These differences are highlighted and numbered in Fig 46a (areas 1 to 4) and the numbered areas are mapped individually in Fig 46b to 46e. The IBA in area 1 contains more marine area than the SPA. The listed species for the SPA are all wading species that feed in terrestrial or intertidal habitats. The SPA extends to the south, area 2, and contains area of inner estuary that is not covered by the IBA. Area 2 contains feeding habitat for the wading birds that are listed as species of special conservation interest for the SPA. The IBA in area 3 also contains more marine area the corresponding SPA, similar to area 1. The IBA extends further south into the inner estuary than the SPA. However, part of this area of the IBA contains structures such as a pier.

Table 46a: Details of Killala Bay/Moy Estuary SPA

| SPA Code  | SPA Name                    | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------------------|--|-----------|---|---|
| IE0004036 | Killala Bay/Moy Estuary SPA | Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Sanderling ( <i>Calidris alba</i> ) [A144], Dunlin ( <i>Calidris alpina</i> ) [A149], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Wetland and Waterbirds [A999] | 3,202     | <a href="https://www.npws.ie/protected-sites/spa/004036">https://www.npws.ie/protected-sites/spa/004036</a> | <a href="https://www.irishstatutebook.ie/2011/en/si/0522.html">https://www.irishstatutebook.ie/2011/en/si/0522.html</a> |

Table 46b: Details of Killala Bay IBA

| IBA Code | IBA Name    | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-------------|---|----------------------------|---------------|
| 38       | Killala Bay | Brent Goose ( <i>Branta bernicla</i> ), Knot ( <i>Calidris canutus</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ) | 4,294                      | 3,473         |

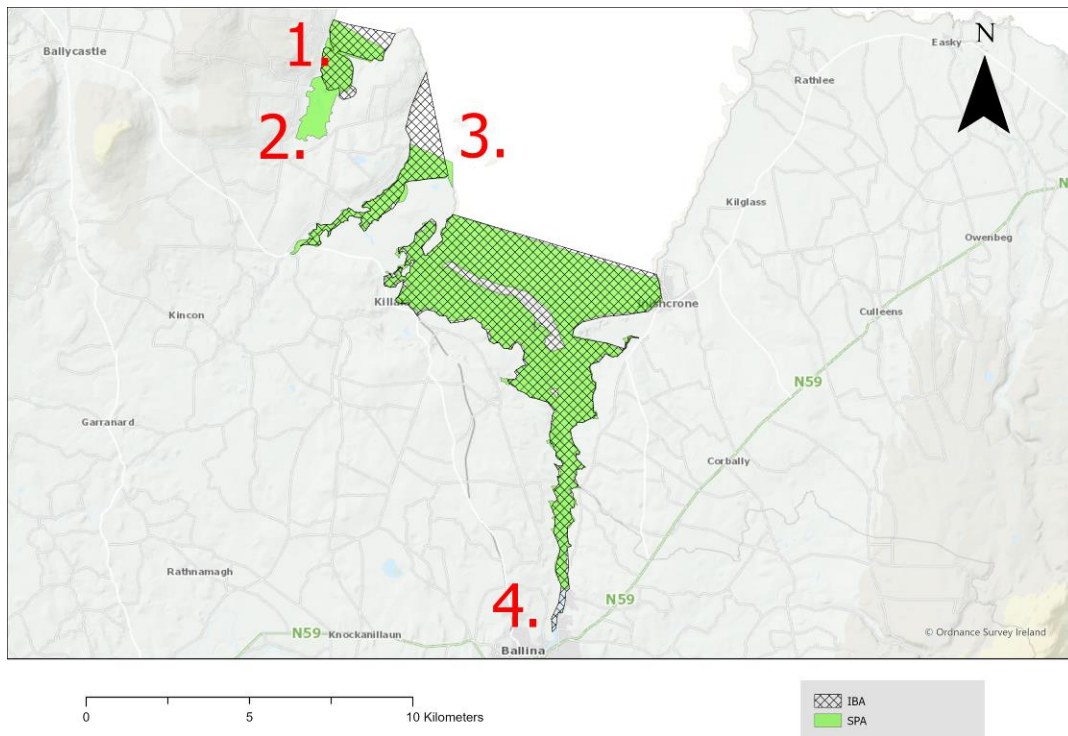


Fig 46a: A comparison of Killala Bay/Moy Estuary SPA with the boundary of the latest version of the associated IBA



Fig 46b: A comparison of Killala Bay/Moy Estuary SPA with the boundary of the latest version of the associated IBA (area 1)

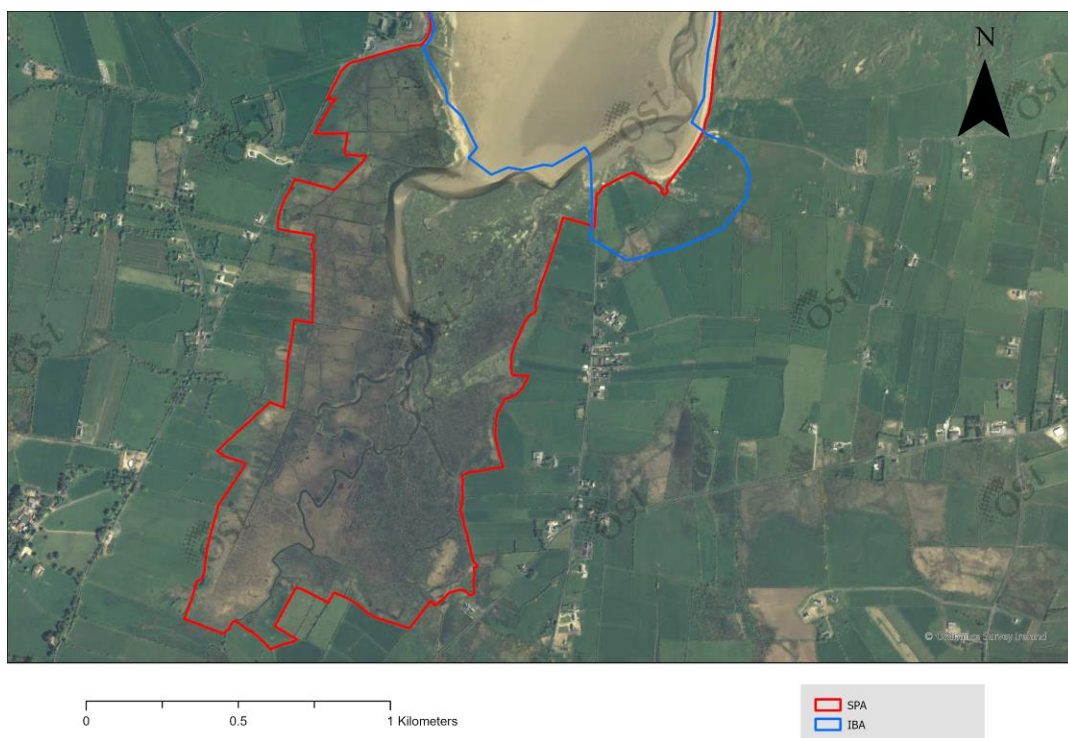


Fig 46c: A comparison of Killala Bay/Moy Estuary SPA with the boundary of the latest version of the associated IBA (area 2)



Fig 46d: A comparison of Killala Bay/Moy Estuary SPA with the boundary of the latest version of the associated IBA (area 3)



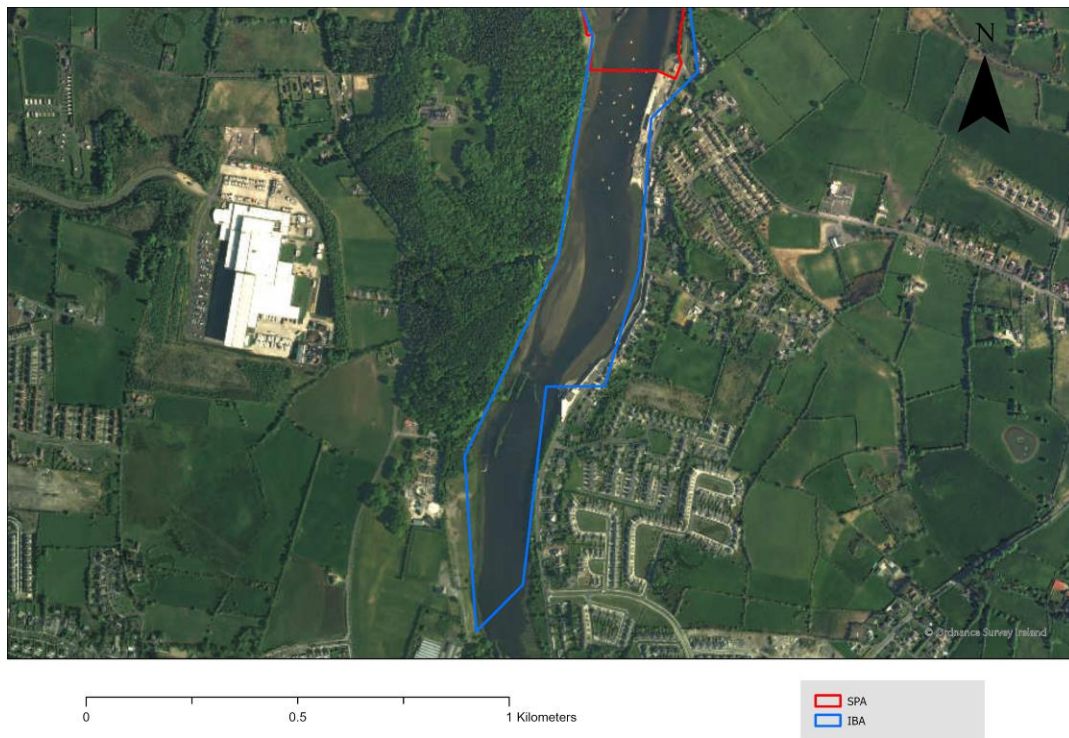


Fig 46e: A comparison of Killala Bay/Moy Estuary SPA with the boundary of the latest version of the associated IBA (area 4)



### Tralee Bay and Barrow Harbour incl. Akeragh Lough

Tralee Bay is a large, shallow sea bay on the north coast of County Kerry, including intertidal areas at the mouth of the River Lee. Tralee Bay Complex SPA is larger than both the old and current versions of the IBA. However, the SPA boundary differs from the current IBA boundary in several areas. These differences are highlighted and numbered in Fig 47a (areas 1 to 4) and the numbered areas are mapped individually in Fig 47b to 47e. Area 1 highlights Lough Gill and a large coastal area on the Magharees Peninsula that is covered by the SPA but not by the IBA. Lough Gill is a wildfowl sanctuary while the coastal area provides feeding areas to waders and other birds. Area 2 shows further differences between the SPA and current IBA boundary. The SPA covers more intertidal area than the IBA while IBA contains more terrestrial habitat on western side of area 2. The IBA covers more marine habitat of area 3 than the SPA. The IBA boundary encompasses an active pier. Area 4 highlights areas of SPA not covered by the IBA, wetland habitats of the inner estuary.

Table 47a: Details of Tralee Bay Complex SPA

| SPA Code  | SPA Name               | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|------------------------|--|-----------|---|---|
| IE00 4188 | Tralee Bay Complex SPA | Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Wigeon ( <i>Anas penelope</i> ) [A050], Teal ( <i>Anas crecca</i> ) [A052], Mallard ( <i>Anas platyrhynchos</i> ) [A053], Pintail ( <i>Anas acuta</i> ) [A054], Scaup ( <i>Aythya marila</i> ) [A062], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Sanderling ( <i>Calidris alba</i> ) [A144], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Turnstone ( <i>Arenaria interpres</i> ) [A169], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Common Gull ( <i>Larus canus</i> ) [A182], Wetland and Waterbirds [A999] | 3,655     | <a href="https://www.npws.ie/protected-sites/spa/004188">https://www.npws.ie/protected-sites/spa/004188</a> | <a href="https://www.irishstatutebook.ie/eli/2019/si/175/made/en">https://www.irishstatutebook.ie/eli/2019/si/175/made/en</a> |

Table 47b: Details of Tralee Bay & Barrow Harbour IBA

| IBA Code | IBA Name                        | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------------------------|---|----------------------------|---------------|
| 69       | Tralee Bay & Barrow Harbour IBA | Great Northern Diver ( <i>Gavia immer</i> ), Brent Goose ( <i>Branta bernicla</i> ), Scaup ( <i>Aythya marila</i> ), Dunlin ( <i>Calidris alpina</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ) | 3,290                      | 3,367         |

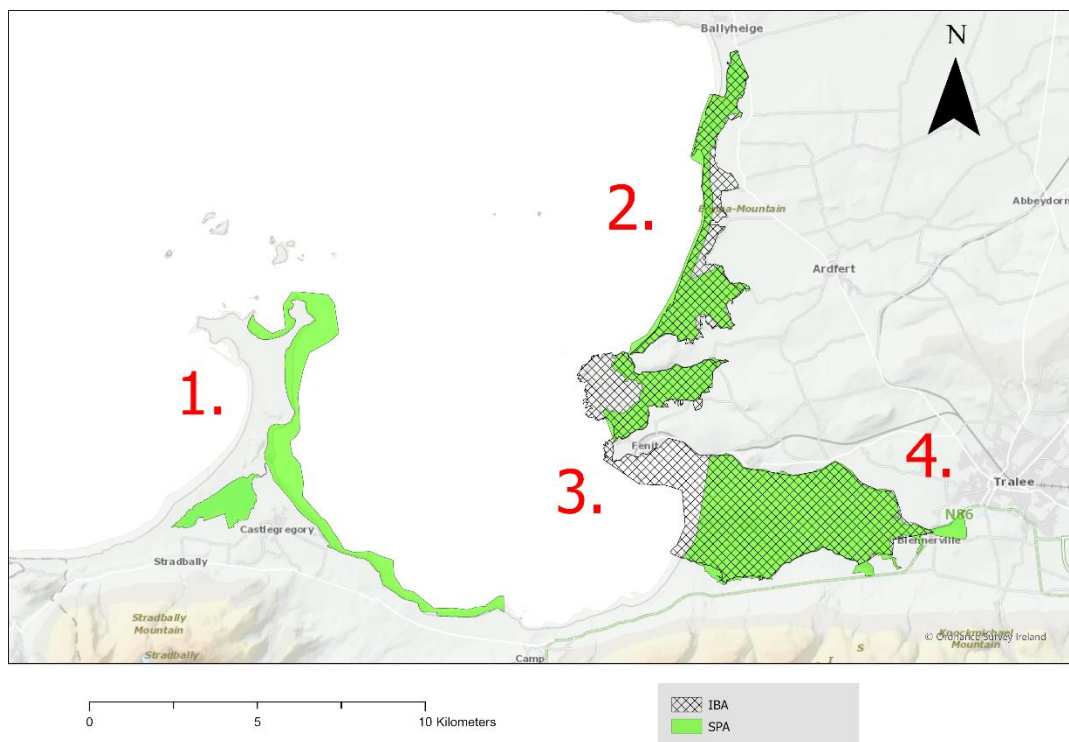


Fig 47a: A comparison of Tralee Bay Complex SPA with the boundary of the latest version of the associated IBA



Fig 47b: A comparison of Tralee Bay Complex SPA with the boundary of the latest version of the associated IBA (area 1)



Fig 47c: A comparison of Tralee Bay Complex SPA with the boundary of the latest version of the associated IBA (area 2)





Fig 47d: A comparison of Tralee Bay Complex SPA with the boundary of the latest version of the associated IBA (area 3)

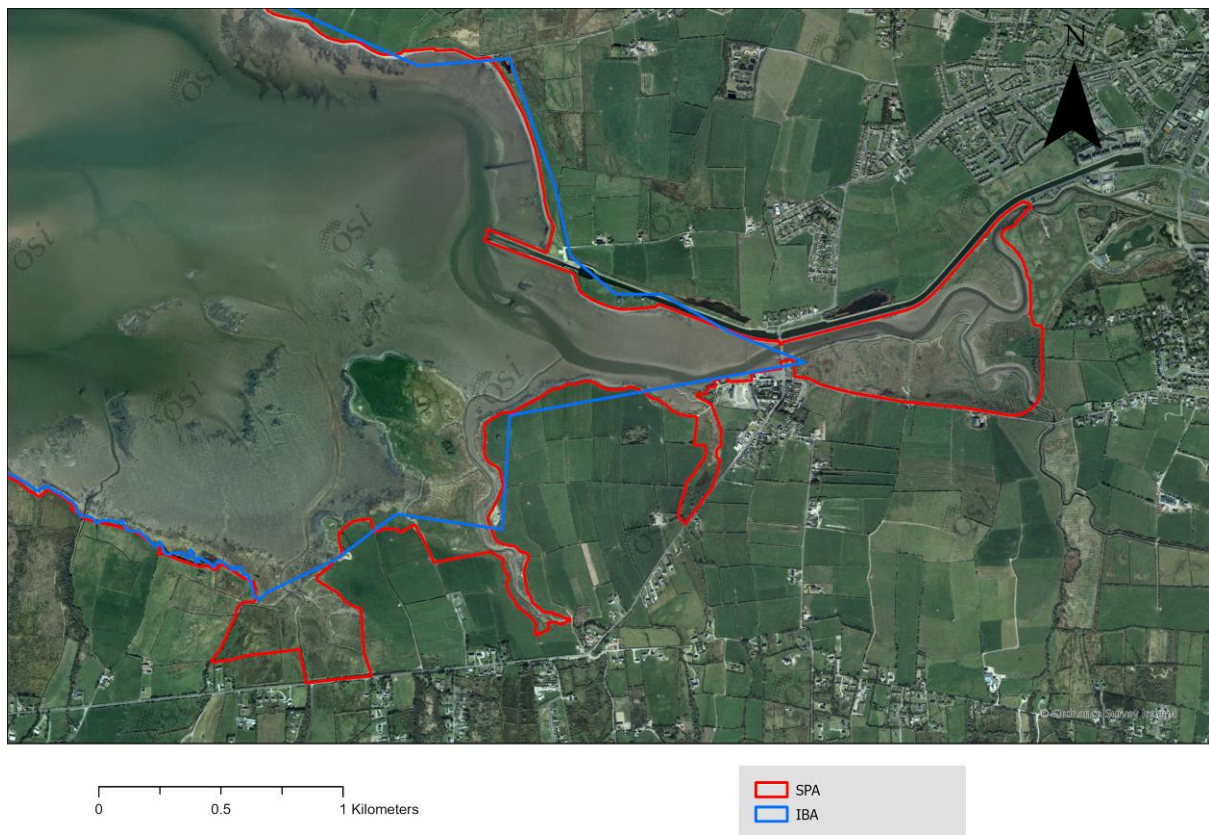


Fig 47e: A comparison of Tralee Bay Complex SPA with the boundary of the latest version of the associated IBA (area 4)



## Castlemaine Harbour

Castlemaine Harbour is a large, shallow, tidal estuary at the head of Dingle Bay in County Kerry. Castlemaine Harbour SPA is larger than both the old and current version of the SPA by 1,023 and 2,766 ha respectively. The SPA boundary differs from the current IBA boundary in several areas. These differences are highlighted and numbered in Fig 48a (areas 1 to 4) and the numbered areas are mapped individually in Fig 48b to 48e. Area 1 shows an area of the outer estuary that is not covered by the SPA. Conversely, area 2 shows a large area of the outer estuary that is covered but the SPA and not by the IBA. Area 3 highlights an area that is covered by the IBA but not the SPA. This area contains some of the inner estuary and fields but also several buildings and structures. Similarly area 4 highlights a different section of the inner estuary that is covered by the IBA but not the SPA. The area also encompasses some of the inner estuary and adjoining fields but not as many buildings and structures. Overall, the SPA contains 4,272 ha that is not in the current version of the IBA, most of this being in the outer estuary.

Table 48a: Details of Castlemaine Harbour SPA

| SPA Code  | SPA Name                | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-------------------------|---|-----------|---|---|
| IE0004029 | Castlemaine Harbour SPA | Red-throated Diver ( <i>Gavia stellata</i> ) [A001], Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Wigeon ( <i>Anas penelope</i> ) [A050], Mallard ( <i>Anas platyrhynchos</i> ) [A053], Pintail ( <i>Anas acuta</i> ) [A054], Scaup ( <i>Aythya marila</i> ) [A062], Common Scoter ( <i>Melanitta nigra</i> ) [A065], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Sanderling ( <i>Calidris alba</i> ) [A144], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Redshank ( <i>Tringa totanus</i> ) [A162], Greenshank ( <i>Tringa nebularia</i> ) [A164], Turnstone ( <i>Arenaria interpres</i> ) [A169], Chough ( <i>Pyrrhocorax pyrrhocorax</i> ) [A346], Wetland and Waterbirds [A999] | 12,397    | <a href="https://www.npws.ie/protected-sites/spa/004029">https://www.npws.ie/protected-sites/spa/004029</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0244.html">https://www.irishstatutebook.ie/2012/en/si/0244.html</a> |

Table 48b: Details of Castlemaine Harbour IBA

| IBA Code | IBA Name                | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-------------------------|---|----------------------------|---------------|
| 74       | Castlemaine Harbour IBA | Brent Goose ( <i>Branta bernicla</i> ), Knot ( <i>Calidris canutus</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ) | 11,374                     | 9,631         |

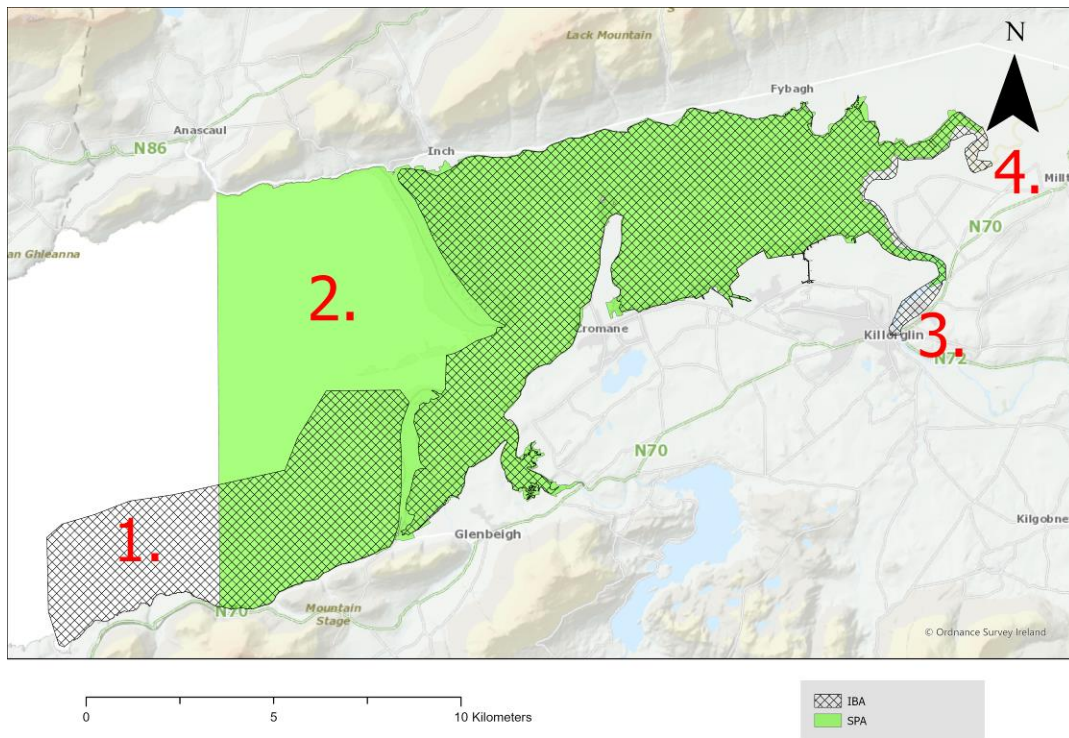


Fig 48a: A comparison of Castlemaine Harbour SPA with the boundary of the latest version of the associated IBA

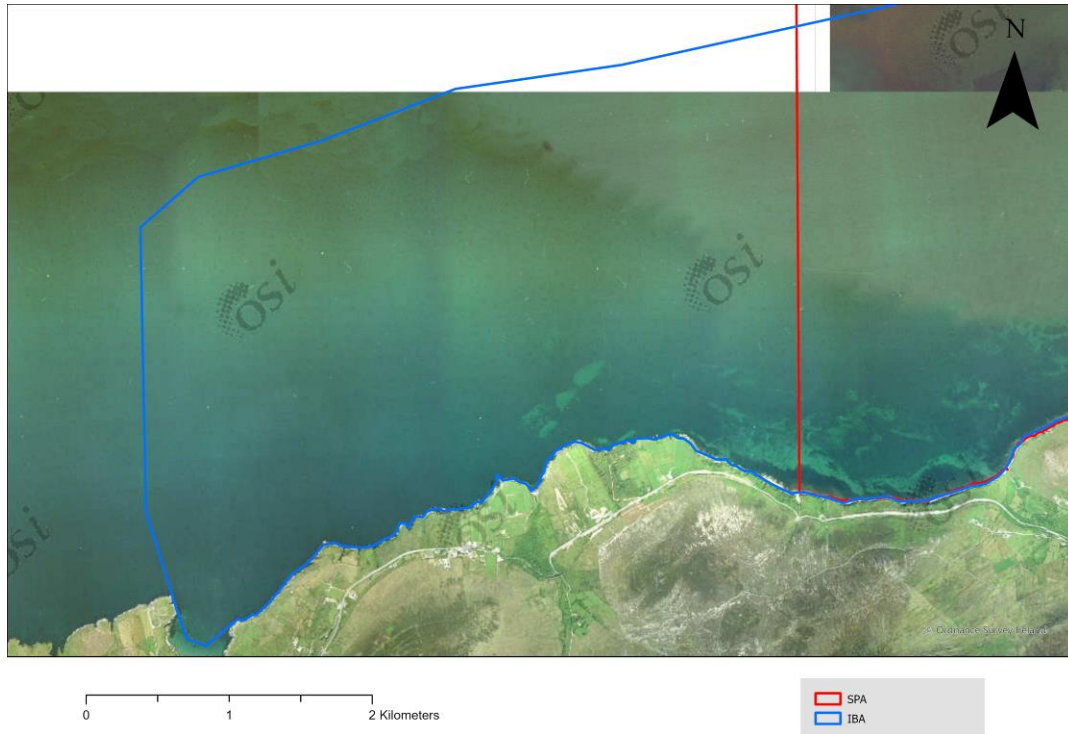


Fig 48b: A comparison of Castlemaine Harbour SPA with the boundary of the latest version of the associated IBA (area 1)



Fig 48c: A comparison of Castlemaine Harbour SPA with the boundary of the latest version of the associated IBA (area 2)

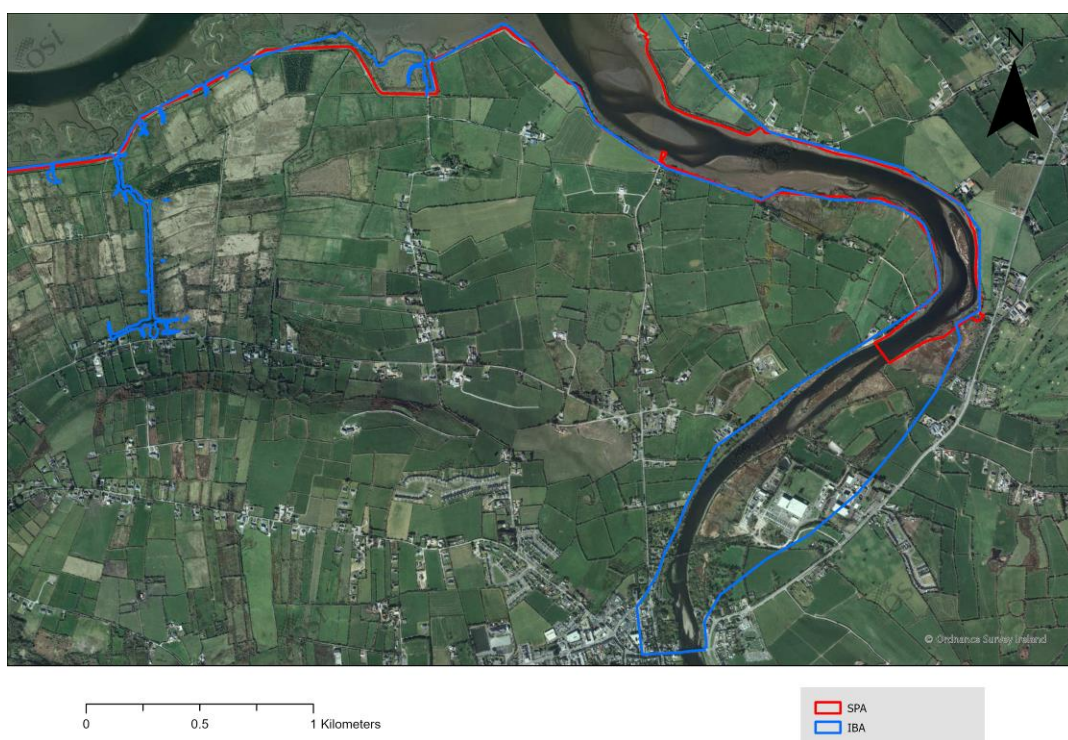


Fig 48d: A comparison of Castlemaine Harbour SPA with the boundary of the latest version of the associated IBA (area 3)



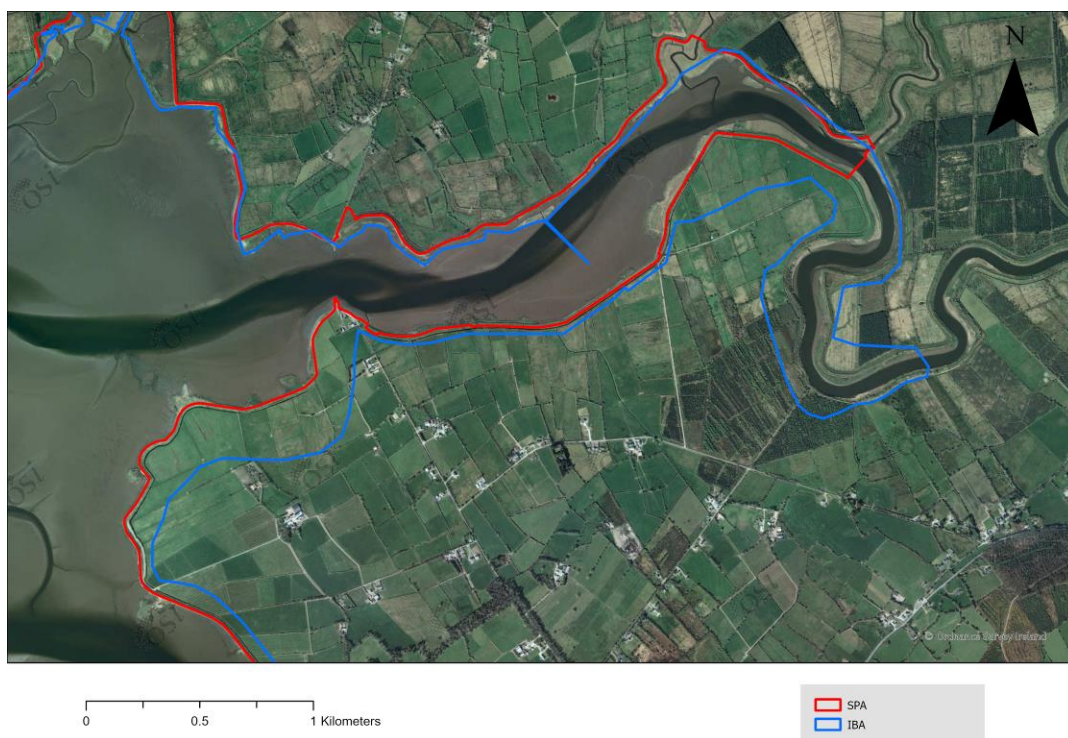


Fig 48e: A comparison of Castlemaine Harbour SPA with the boundary of the latest version of the associated IBA (area 4)

### Ballycotton Bay

A coastal system consisting of brackish and freshwater lagoons saltwater marshes, mudflats, sandflats, dunes and wet meadows. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The SPA (Fig 49) is larger in area than the original IBA by 81 ha (Table 49a, 49b).

Table 49a: Details of Ballycotton Bay SPA

| SPA Code   | SPA Name            | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|------------|---------------------|---|-----------|---|---|
| IE000 4022 | Ballycotton Bay SPA | Teal ( <i>Anas crecca</i> ) [A052], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Turnstone ( <i>Arenaria interpres</i> ) [A169], Common Gull ( <i>Larus canus</i> ) [A182], Lesser Black-backed Gull ( <i>Larus fuscus</i> ) [A183], Wetland and Waterbirds [A999] | 281       | <a href="https://www.npws.ie/protected-sites/spa/004022">https://www.npws.ie/protected-sites/spa/004022</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0059.html">https://www.irishstatutebook.ie/2010/en/si/0059.html</a> |

Table 49b: Details of Ballycotton, Ballynamona & Shanagarry IBA

| IBA Code | IBA Name                                  | IBA QI                                      | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---|---|----------------------------|---------------|
| 89       | Ballycotton, Ballynamona & Shanagarry IBA | Bewick's Swan ( <i>Cygnus columbianus</i> ) | 200                        | NA            |



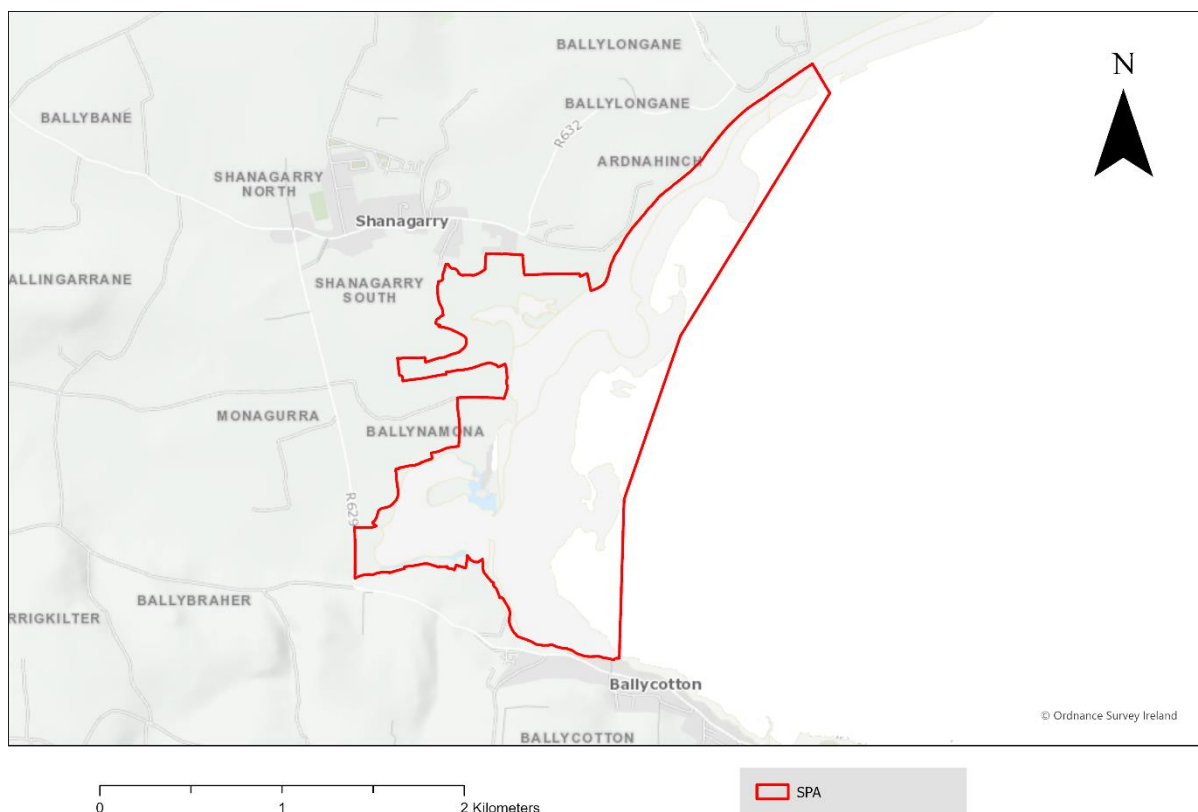


Fig 49: Current boundary of Ballycotton Bay SPA

### Ballymacoda Bay

Ballymacoda Bay is a coastal site situated north-east of Ballymacoda in County Cork and encompassing the Womagh river estuary, comprising a winding channel flanked by marshy fields, saltmarsh and mudflats. Ballymacoda Bay SPA is smaller than the original IBA but larger than the current IBA (Table 50a, 50b). The SPA boundary and IBA boundary are similar. However, the SPA includes some areas that are not included in the IBA, areas 1 and 2 on Fig 50. These areas include more of the estuary and marshy fields that are suitable habitat for wintering waders and waterfowl that are listed for this SPA (Fig 50b). There is also an area of marine waters in the current IBA that is not included in the SPA, area 3 on the map.

Table 50a: Details of Ballymacoda Bay SPA

| SPA Code  | SPA Name            | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------------|--|-----------|---|---|
| IE0004023 | Ballymacoda Bay SPA | Wigeon ( <i>Anas penelope</i> ) [A050], Teal ( <i>Anas crecca</i> ) [A052], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Sanderling ( <i>Calidris alba</i> ) [A144], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Turnstone ( <i>Arenaria interpres</i> ) [A169], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Common Gull ( <i>Larus canus</i> ) [A182], Lesser Black-backed Gull ( <i>Larus fuscus</i> ) [A183], Wetland and Waterbirds [A999] | 586       | <a href="https://www.npws.ie/protected-sites/spa/004023">https://www.npws.ie/protected-sites/spa/004023</a> | <a href="https://www.irishstatutebook.ie/2013/en/si/0338.html">https://www.irishstatutebook.ie/2013/en/si/0338.html</a> |

Table 50a: Details of Ballymacoda IBA

| IBA Code | IBA Name        | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-----------------|--|----------------------------|---------------|
| 90       | Ballymacoda IBA | Dunlin ( <i>Calidris alpina</i> ), Black-tailed Godwit ( <i>Limosa limosa</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ), Curlew ( <i>Numenius arquata</i> ) | 602                        | 578.35        |

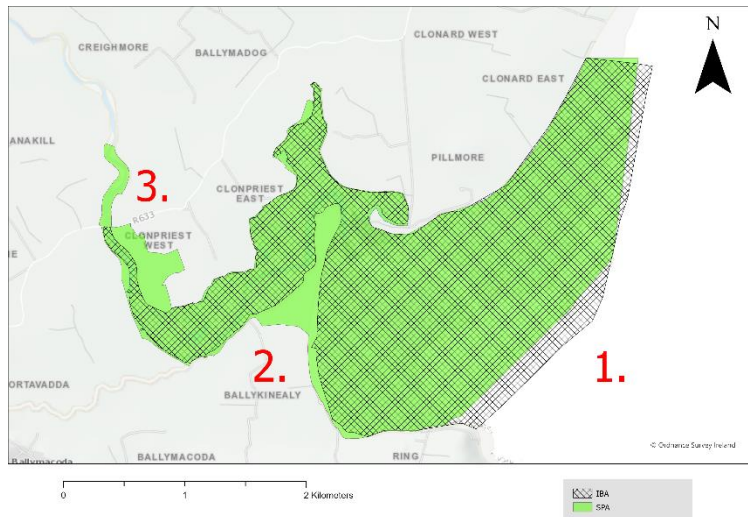


Fig 50a: A comparison of Ballymacoda Bay SPA with the boundary of the latest version of the associated IBA

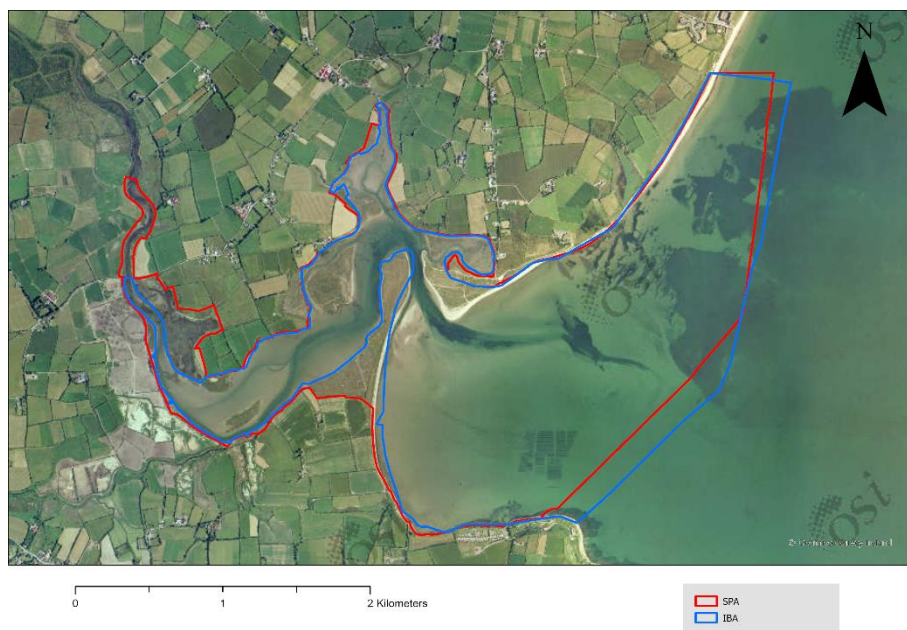


Fig 50b: A comparison of Ballymacoda Bay SPA with the boundary of the latest version of the associated IBA

## Blackwater Estuary

This is a small estuary with a narrow opening to the sea that includes areas of intertidal mudflat and saltmarsh. The Blackwater Estuary SPA is larger than the old and current version of the SPA by 370 and 177 ha respectively. The SPA boundary differs from the current IBA boundary in several areas. These differences are highlighted and numbered in Fig 51a (areas 1 to 5) and the numbered areas are mapped individually in Fig 51b to 51f. Area 1 to the south highlights an area of the estuary that is covered by the IBA but not the SPA (Fig 51b). Area 2 highlights an area of IBA that not covered by the SPA. This area includes agricultural land that adjoins the estuary as well as buildings and other structures. The corresponding SPA boundary adheres to the edge of the estuary. Area 3 highlights a small area of agricultural land that is included in the IBA but not the SPA. Areas 4 and 5 highlight areas of the inner estuary that are covered by the SPA and not the current version of the IBA. These areas of the estuary provide habitat for waterfowl and waders that are listed as species of special conservation interest for the site.

Table 51a: Details of Blackwater Estuary SPA

| SPA Code  | SPA Name               | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|------------------------|--|-----------|---|---|
| IE0004028 | Blackwater Estuary SPA | Wigeon ( <i>Anas penelope</i> ) [A050], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Wetland and Waterbirds [A999] | 870       | <a href="https://www.npws.ie/protected-sites/spa/004028">https://www.npws.ie/protected-sites/spa/004028</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0590.html">https://www.irishstatutebook.ie/2012/en/si/0590.html</a> |

Table 51b: Details of Blackwater Estuary IBA

| IBA Code | IBA Name               | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|------------------------|--|----------------------------|---------------|
| 91       | Blackwater Estuary IBA | Black-tailed Godwit ( <i>Limosa limosa</i> ), Curlew ( <i>Numenius arquata</i> ) | 500                        | 699           |

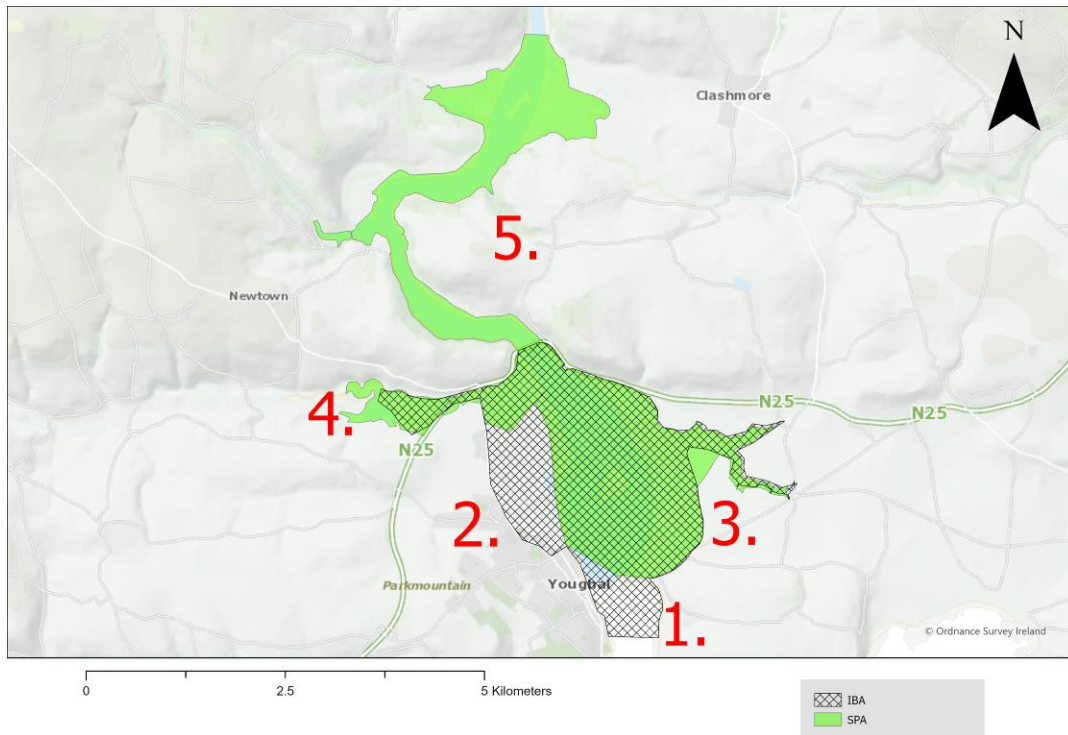


Fig 51a: A comparison of Blackwater Estuary SPA with the boundary of the latest version of the associated IBA



Fig 51b: A comparison of Blackwater Estuary SPA with the boundary of the latest version of the associated IBA (area 1)





Fig 51c: A comparison of Blackwater Estuary SPA with the boundary of the latest version of the associated IBA (area 2)



Fig 51d: A comparison of Blackwater Estuary SPA with the boundary of the latest version of the associated IBA (area 3)



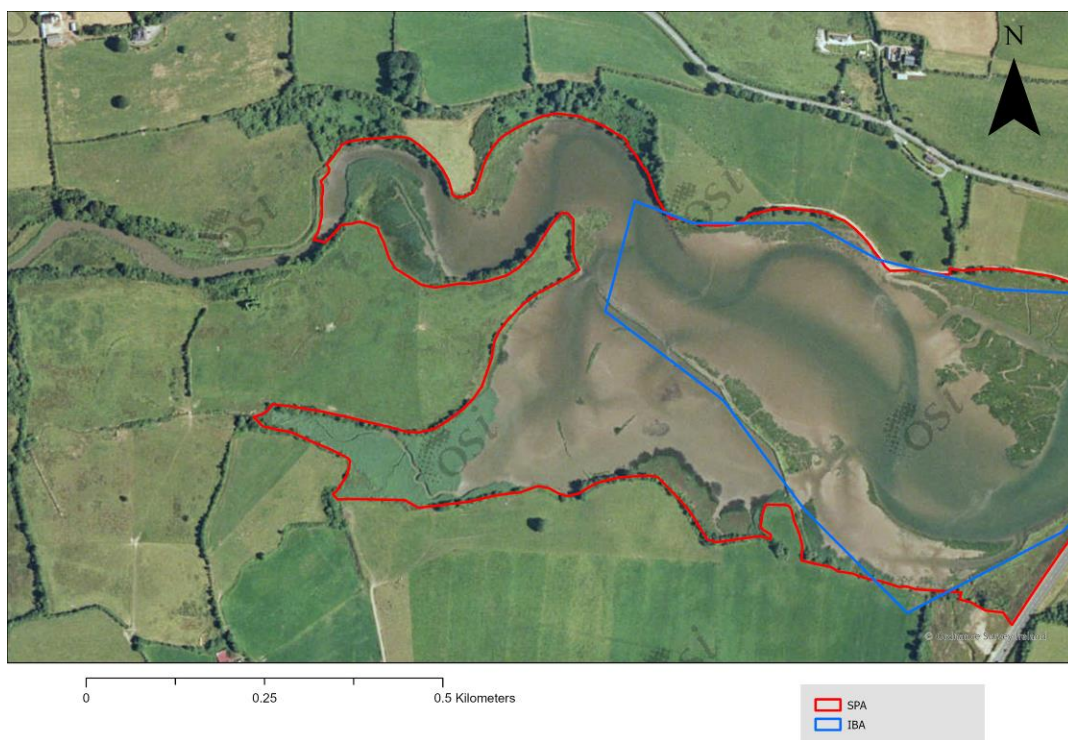


Fig 51e: A comparison of Blackwater Estuary SPA with the boundary of the latest version of the associated IBA (area 4)

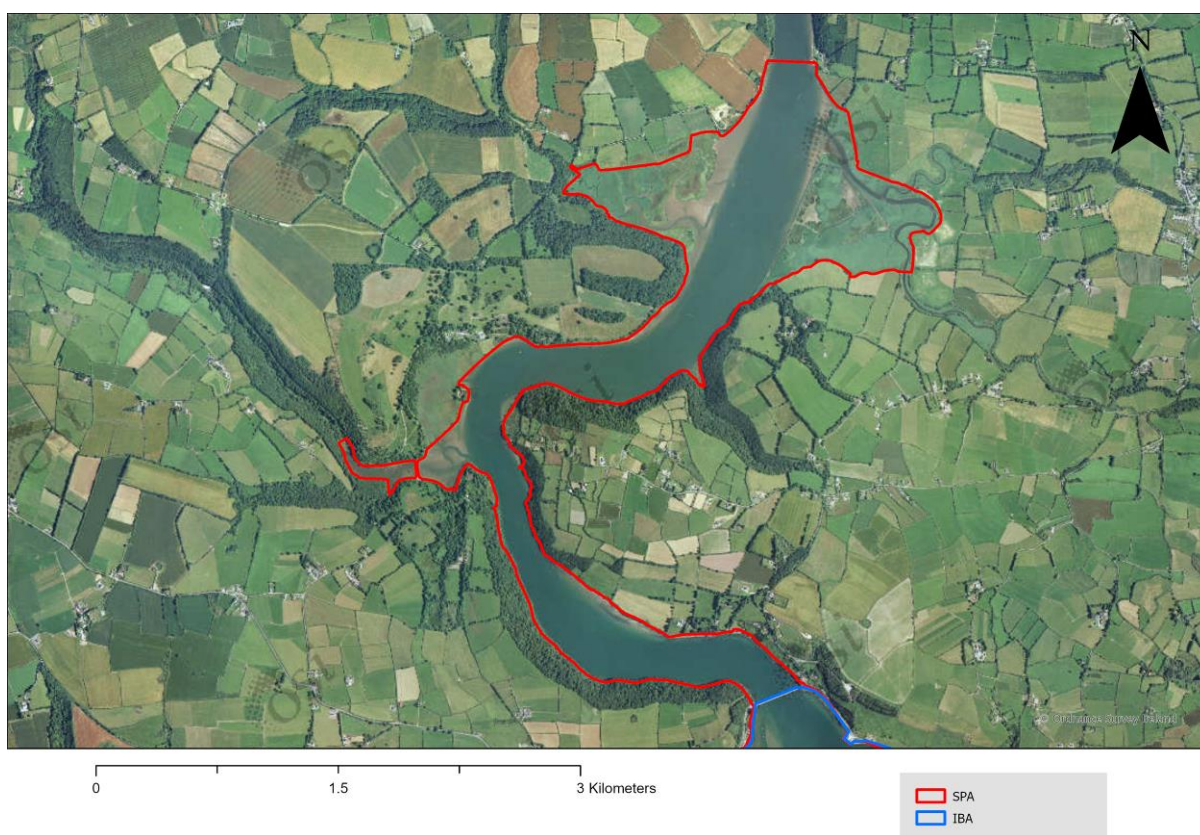


Fig 51f: A comparison of Blackwater Estuary SPA with the boundary of the latest version of the associated IBA (area 5)

## Dungarvan Harbour

Dungarvan Harbour is a large sea bay on the south coast of County Waterford with extensive intertidal sand- and mudflats. Dungarvan Harbour SPA is much larger than the old version of the IBA and similar in size, but larger, than the current version of the IBA. The SPA includes more intertidal areas (areas 1, 2 and 3 on Fig 52a) as well as terrestrial areas (area 4 on Fig 52a). More detailed view of intertidal areas 1, 2, 3 can be seen in Figs 52b, c and d respectively. A closer representation of area 4 can be seen on Fig 52e. Area 4 shows a terrestrial area (the Cunnigar Spit) parts of which is of importance to roosting birds.

Table 52a: Details of Dungarvan Harbour SPA

| SPA Code  | SPA Name              | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------------|---|-----------|---|---|
| IE0004032 | Dungarvan Harbour SPA | Great Crested Grebe ( <i>Podiceps cristatus</i> ) [A005], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Red-breasted Merganser ( <i>Mergus serrator</i> ) [A069], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Knot ( <i>Calidris canutus</i> ) [A143], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Turnstone ( <i>Arenaria interpres</i> ) [A169], Wetland and Waterbirds [A999] | 2,221     | <a href="https://www.npws.ie/protected-sites/spa/004032">https://www.npws.ie/protected-sites/spa/004032</a> | <a href="https://www.irishstatutebook.ie/eli/2019/si/330/made/en">https://www.irishstatutebook.ie/eli/2019/si/330/made/en</a> |

Table 52b: Details of Dungarvan Harbour IBA

| IBA Code | IBA Name              | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-----------------------|--|----------------------------|---------------|
| 94       | Dungarvan Harbour IBA | Brent Goose ( <i>Branta bernicla</i> ), Knot ( <i>Calidris canutus</i> ), Dunlin ( <i>Calidris alpina</i> ), Black-tailed Godwit ( <i>Limosa limosa</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ) | 1,300                      | 2,094         |



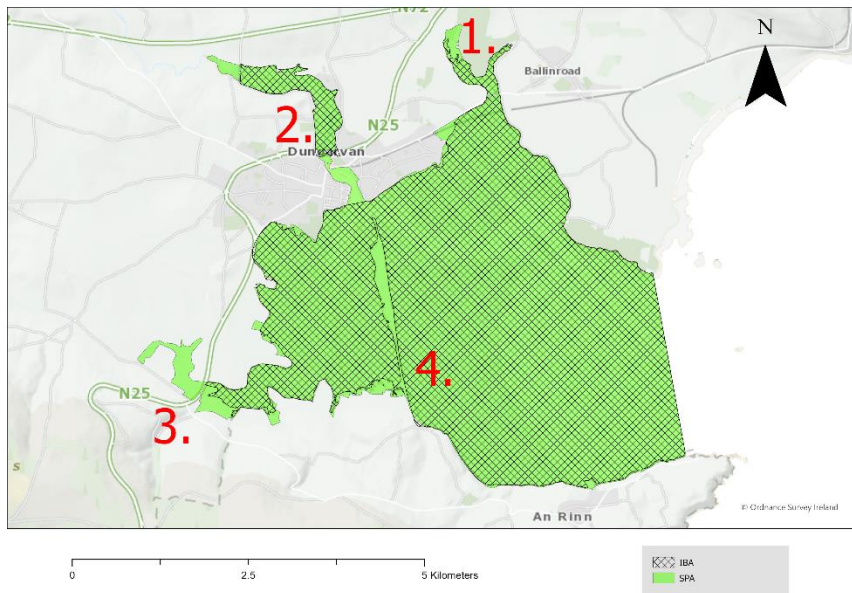


Fig 52a: A comparison of with the boundary of the latest version of the associated IBA



Fig 52b: A comparison of with the boundary of the latest version of the associated IBA (area 1)



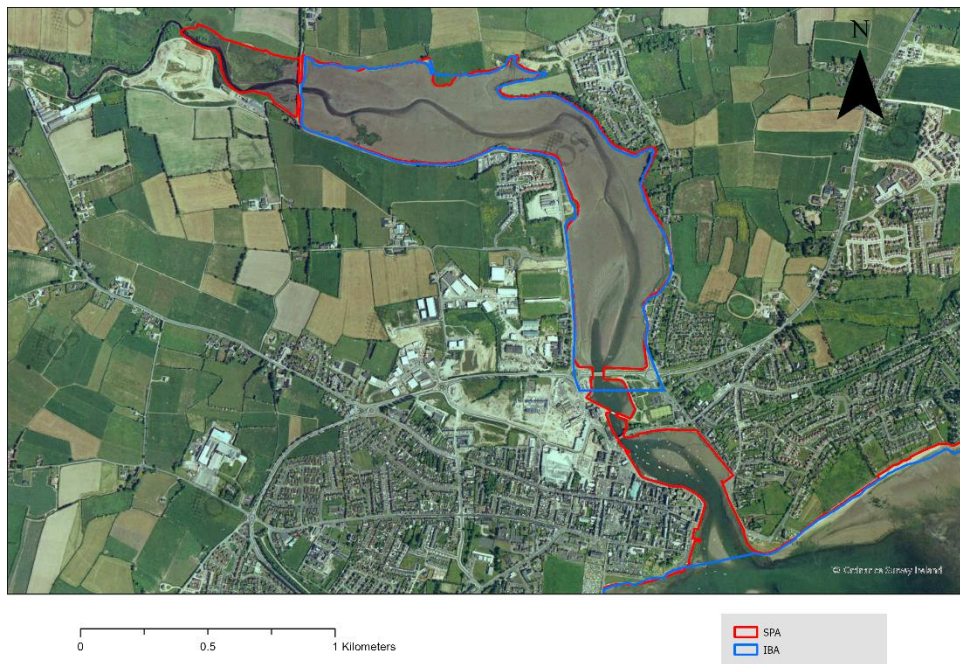


Fig 52c: A comparison of with the boundary of the latest version of the associated IBA (area 2)

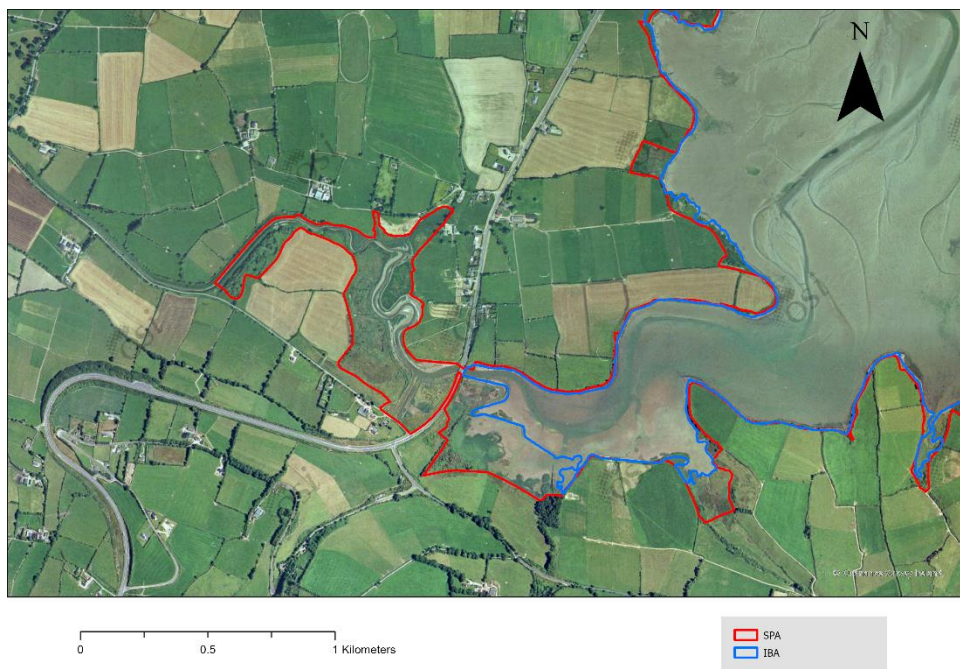


Fig 52d: A comparison of with the boundary of the latest version of the associated IBA (area 3)



Fig 52e: A comparison of with the boundary of the latest version of the associated IBA (area 4)

### Tramore Bay and Backstrand

This site is a small, shallow bay next to Tramore village in County Waterford, comprising of intertidal mudflats and saltmarsh. Tramore Back Strand SPA is almost half the size of both the old and current version of the IBA which are the same size. The IBA includes more of the outer bay and more terrestrial areas than the SPA. The SPA boundary differs from the current IBA boundary in several areas. These differences are highlighted and numbered in Fig 53a (areas 1 to 4) and the numbered areas are mapped individually in Fig 53b to 53e. Area 1 highlights a large area of the outer bay that is covered by the IBA that is not covered by the SPA. Area 2 highlights a terrestrial area that is covered by the IBA but not the SPA. This includes agricultural land and a small body of water. The corresponding SPA boundary adheres to the intertidal areas of the bay. Areas 3 and 4 highlight an area of agricultural land that is not included in the SPA that is included in the IBA. Area 5 highlights an area of SPA includes that includes a small intertidal area that is not included in the IBA.

Table 53a: Details of Tramore Back Strand SPA

| SPA Code  | SPA Name                | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-------------------------|--|-----------|---|---|
| IE0004027 | Tramore Back Strand SPA | Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Wetland and Waterbirds [A999] | 676       | <a href="https://www.npws.ie/protected-sites/special-protection-area/004027">https://www.npws.ie/protected-sites/special-protection-area/004027</a> | <a href="https://www.irishtstatutebook.ie/2011/en/si/0286.html">https://www.irishtstatutebook.ie/2011/en/si/0286.html</a> |



Table 53b: Details of Tramore Backstrand IBA

| IBA Code | IBA Name               | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|------------------------|---|----------------------------|---------------|
| 95       | Tramore Backstrand IBA | Red-throated Diver ( <i>Gavia stellate</i> ), Brent Goose ( <i>Branta bernicla</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ) | 1,557                      | 1,557         |

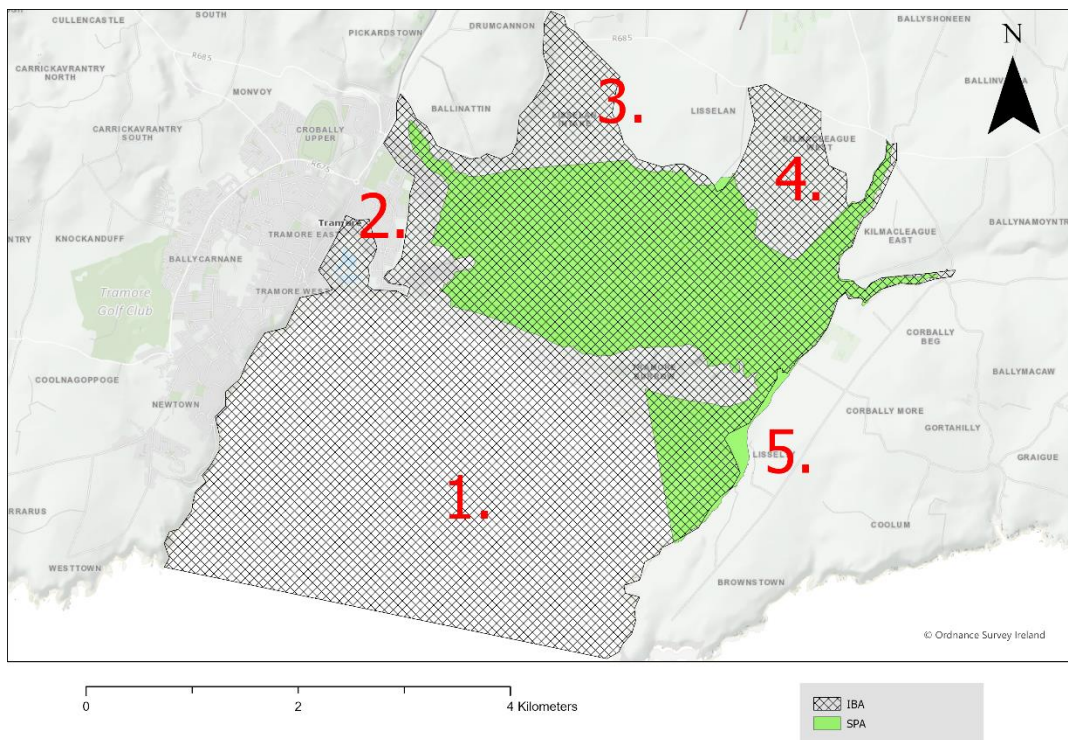


Fig 53a: A comparison of Tramore Back Strand SPA with the boundary of the latest version of the associated IBA



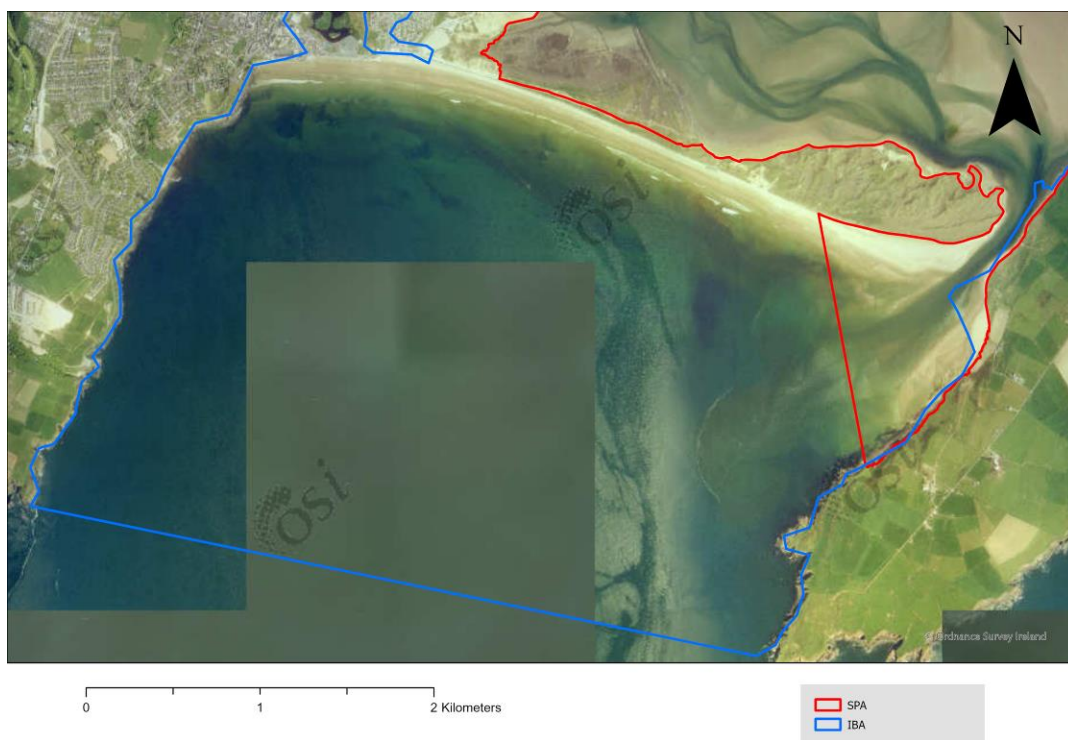


Fig 53b: A comparison of Tramore Back Strand SPA with the boundary of the latest version of the associated IBA (area 1)



Fig 53c: A comparison of Tramore Back Strand SPA with the boundary of the latest version of the associated IBA (area 2)



Fig 53d: A comparison of Tramore Back Strand SPA with the boundary of the latest version of the associated IBA (area 3)

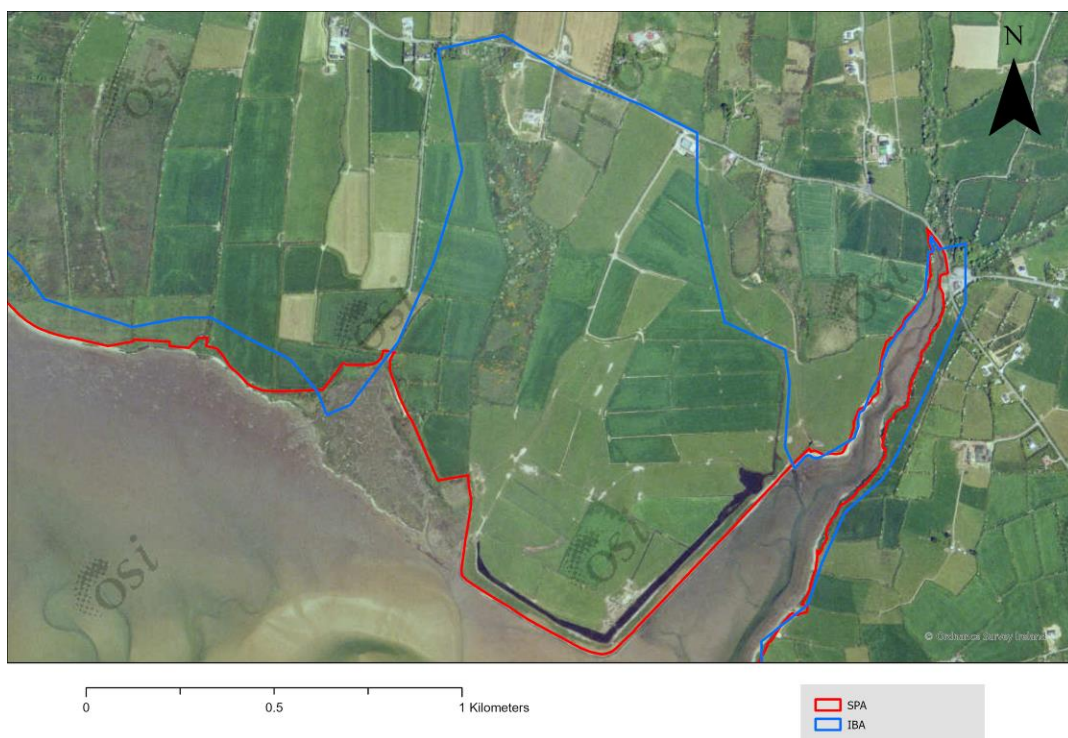


Fig 53e: A comparison of Tramore Back Strand SPA with the boundary of the latest version of the associated IBA (area 4)



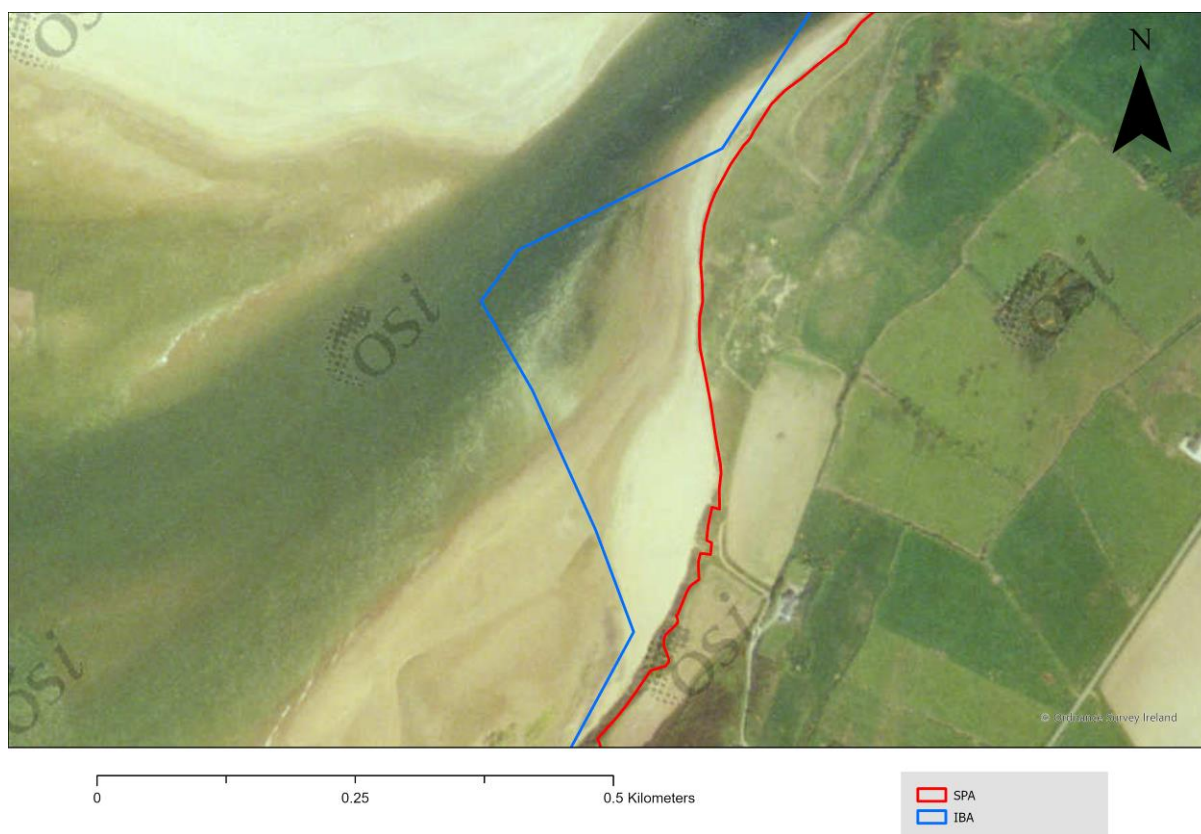


Fig 53f: A comparison of Tramore Back Strand SPA with the boundary of the latest version of the associated IBA (area 5)

### Bannow Bay

Bannow Bay is an extensive, sheltered sea bay and estuary, situated in County Wexford. Bannow Bay SPA is larger than both the old and current IBA versions (Table 54a, 54b). While the boundaries of the SPA and current IBA are similar the SPA contains an additional 286 ha. The SPA contains a large area of outer estuary that is not included in the current IBA version, area 1 in Fig 54a and 54b. Inland, sheltered areas of the estuary (areas 2, 3, 4) are also covered by the SPA that are not included in the current version of the IBA (Fig 54a, 54c, 54d, 54e). These intertidal areas are suitable feeding habitat for waders and geese that are listed as species of conservation interest for this SPA.

Table 54a: Details of Bannow Bay SPA

| SPA Code  | SPA Name       | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|----------------|---|-----------|---|---|
| IE0004033 | Bannow Bay SPA | Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Pintail ( <i>Anas acuta</i> ) [A054], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Knot ( <i>Calidris canutus</i> ) [A143], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Wetland and Waterbirds [A999] | 1,363     | <a href="https://www.npws.ie/protected-sites/spa/004033">https://www.npws.ie/protected-sites/spa/004033</a> | <a href="https://www.irishstatutebook.ie/2011/en/si/0592.html">https://www.irishstatutebook.ie/2011/en/si/0592.html</a> |



Table 54b: Details of Bannow Bay IBA

| IBA Code | IBA Name       | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|----------------|--|----------------------------|---------------|
| 96       | Bannow Bay IBA | Brent Goose ( <i>Branta bernicla</i> ), Dunlin ( <i>Calidris alpina</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ) | 958                        | 979           |

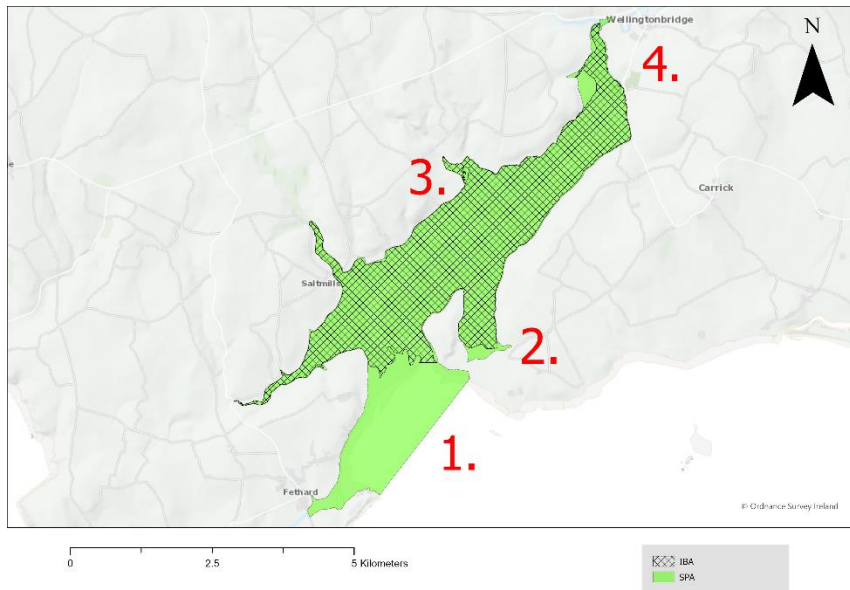


Fig 54a: A comparison of Bannow Bay SPA with the boundary of the latest version of the associated IBA



Fig 54b: A comparison of Bannow Bay SPA with the boundary of the latest version of the associated IBA (area 1)



Fig 54c: A comparison of Bannow Bay SPA with the boundary of the latest version of the associated IBA (area 2)

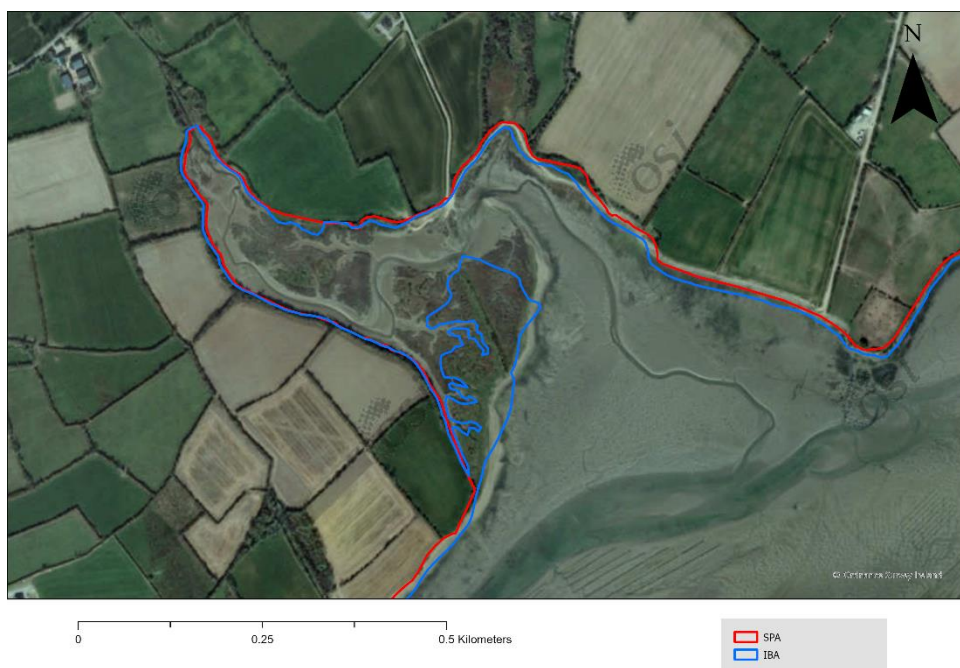


Fig 54d: A comparison of Bannow Bay SPA with the boundary of the latest version of the associated IBA (area 3)

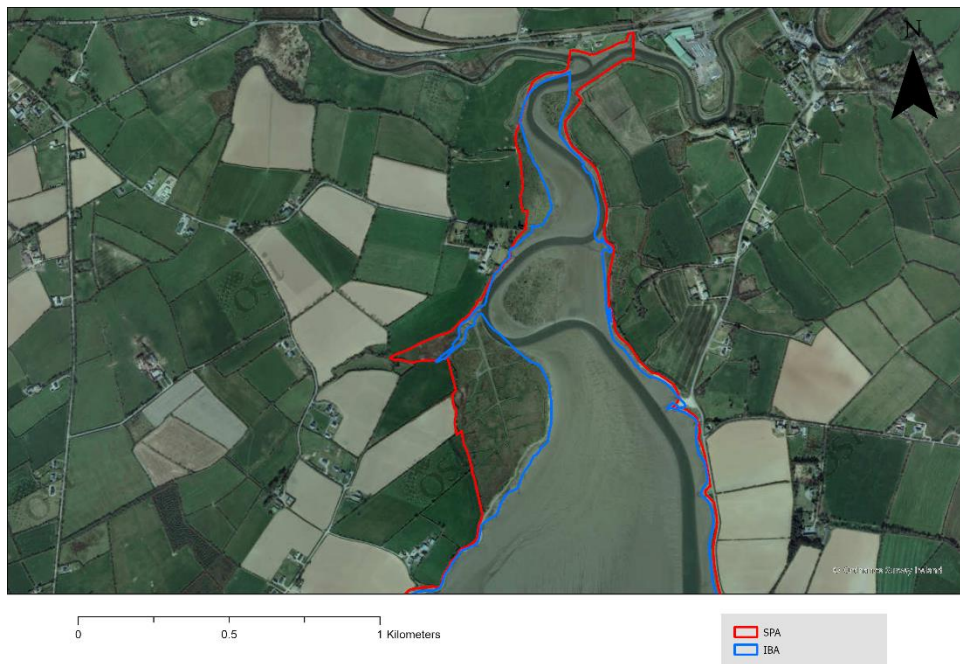


Fig 54e: A comparison of Bannow Bay SPA with the boundary of the latest version of the associated IBA (area 4)

#### Wexford Harbour

An extensive shallow estuary at the mouth of the River Slaney, next to Wexford town, County Wexford. Wexford Harbour and Slobs SPA and The Raven SPA are adjoining SPAs that covers approximately the same area as the current version of the Wexford Harbour and Slobs IBA (Fig 55a). The two SPAs together cover a much larger area than the original and current version of the IBA. The SPAs are 5184 and 2406 ha larger than both IBA versions respectively (Tables 55a, 55b). The SPA includes an extensive river section, see area 1 of Fig 55a and 55b, that is not included in the IBA, extending from Enniscorthy to Wexford town. Extra areas of farmland are also included in the SPA that are not in the IBA (area 2 of Fig 55a and 55c). The Raven SPA also includes a much larger section of marine water than the IBA, see area 3 of Figure 55a and Figure 55d. This area provides suitable feeding habitat for divers and seaduck that are species of conservation interest for the SPA (Table 55a). There are small areas of farmland to the south of the site that are included in the IBA that is not covered by either SPA, see area 4 of Fig 55a and 55e.



Table 55a: Details of Wexford Harbour and Slobs SPA

| SPA Code  | SPA Name                      | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-------------------------------|--|-----------|---|---|
| IE0004076 | Wexford Harbour and Slobs SPA | Little Grebe ( <i>Tachybaptus ruficollis</i> ) [A004], Great Crested Grebe ( <i>Podiceps cristatus</i> ) [A005], Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Grey Heron ( <i>Ardea cinerea</i> ) [A028], Bewick's Swan ( <i>Cygnus columbianus bewickii</i> ) [A037], Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Wigeon ( <i>Anas penelope</i> ) [A050], Teal ( <i>Anas crecca</i> ) [A052], Mallard ( <i>Anas platyrhynchos</i> ) [A053], Pintail ( <i>Anas acuta</i> ) [A054], Scaup ( <i>Aythya marila</i> ) [A062], Goldeneye ( <i>Bucephala clangula</i> ) [A067], Red-breasted Merganser ( <i>Mergus serrator</i> ) [A069], Hen Harrier ( <i>Circus cyaneus</i> ) [A082], Coot ( <i>Fulica atra</i> ) [A125], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Knot ( <i>Calidris canutus</i> ) [A143], Sanderling ( <i>Calidris alba</i> ) [A144], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Lesser Black-backed Gull ( <i>Larus fuscus</i> ) [A183], Little Tern ( <i>Sterna albifrons</i> ) [A195], Greenland White-fronted Goose ( <i>Anser albifrons flavirostris</i> ) [A395], Wetland and Waterbirds [A999] | 5,979     | <a href="https://www.npws.ie/protected-sites/spa/004076">https://www.npws.ie/protected-sites/spa/004076</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0194.html">https://www.irishstatutebook.ie/2012/en/si/0194.html</a>       |
| IE004019  | The Raven SPA                 | Red-throated Diver ( <i>Gavia stellata</i> ) [A001], Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Common Scoter ( <i>Melanitta nigra</i> ) [A065], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Sanderling ( <i>Calidris alba</i> ) [A144], Greenland White-fronted Goose ( <i>Anser albifrons flavirostris</i> ) [A395], Wetland and Waterbirds [A999]   | 4,205     | <a href="https://www.npws.ie/protected-sites/spa/004019">https://www.npws.ie/protected-sites/spa/004019</a> | <a href="https://www.irishstatutebook.ie/eli/2011/si/533/made/en">https://www.irishstatutebook.ie/eli/2011/si/533/made/en</a> |

Table 55b: Details of Wexford Harbour and Slobs IBA

| IBA Code | IBA Name                      | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-------------------------------|--|----------------------------|---------------|
| 102      | Wexford Harbour and Slobs IBA | Whooper Swan ( <i>Cygnus cygnus</i> ), White-fronted Goose ( <i>Anser albifrons</i> ), Brent Goose ( <i>Branta bernicla</i> ), Scaup ( <i>Aythya marila</i> ), Grey Plover ( <i>Pluvialis squatarola</i> ), Knot ( <i>Calidris canutus</i> ), Dunlin ( <i>Calidris alpina</i> ), Black-tailed Godwit ( <i>Limosa limosa</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ), Curlew ( <i>Numenius arquata</i> ) | 5,000                      | 7,778         |

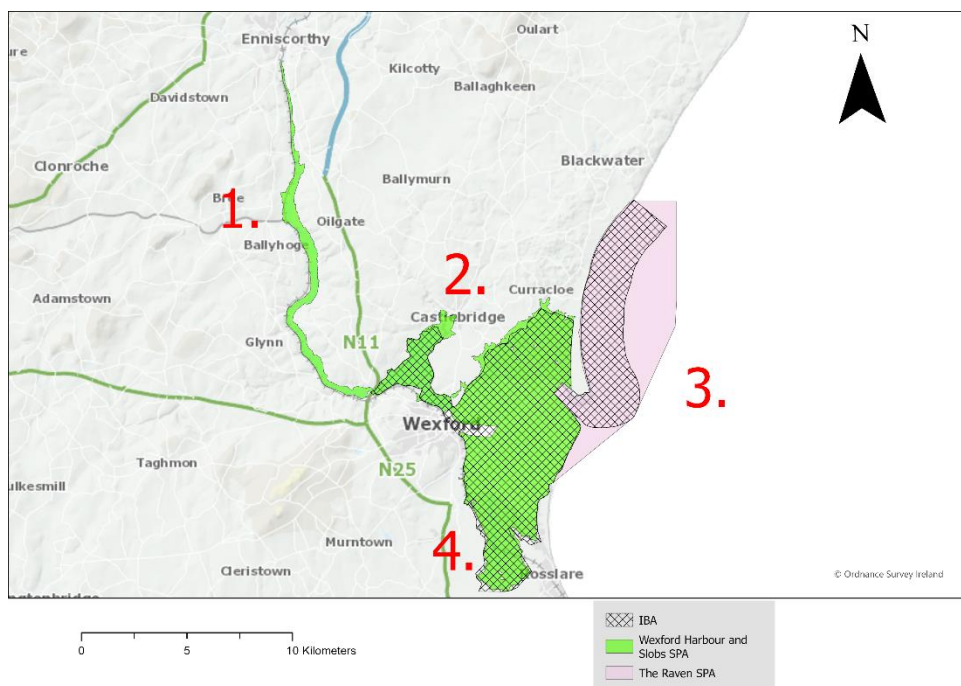


Fig 55a: A comparison of Wexford Harbour and Slobbs SPA and the The Raven SPA with the boundary of the latest version of the associated IBA

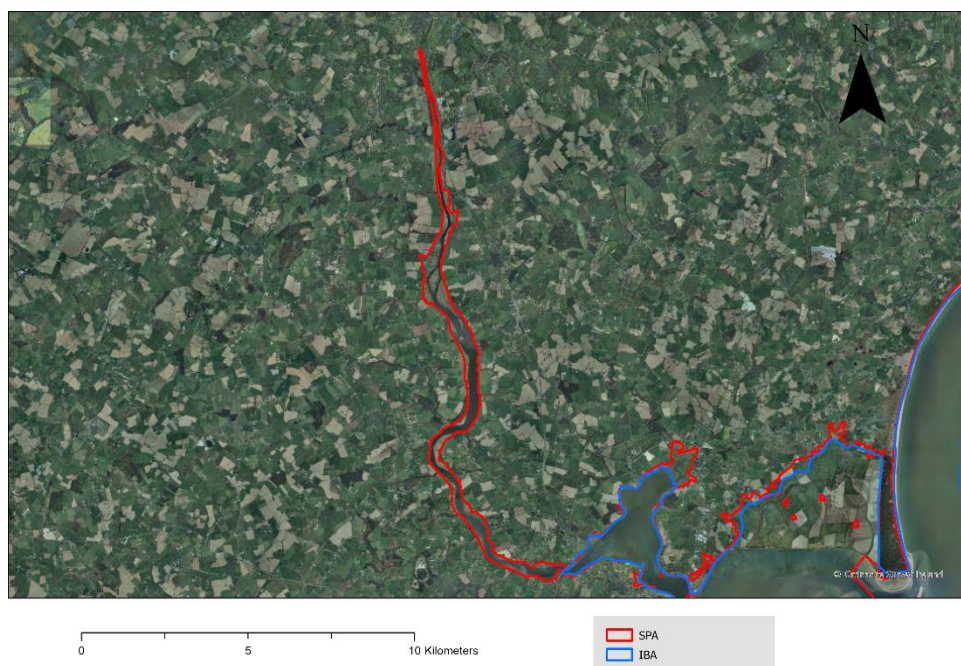


Fig 55b: A comparison of Wexford Harbour and Slobbs SPA and the The Raven SPA with the boundary of the latest version of the associated IBA (area 1)

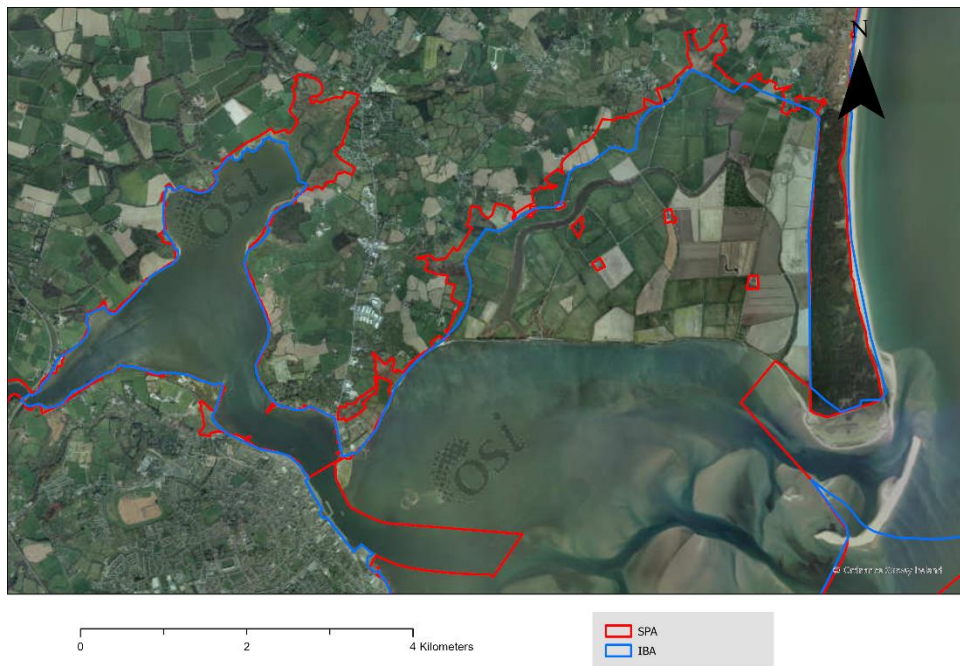


Fig 55c: A comparison of Wexford Harbour and Slobs SPA and the The Raven SPA with the boundary of the latest version of the associated IBA (area 2)

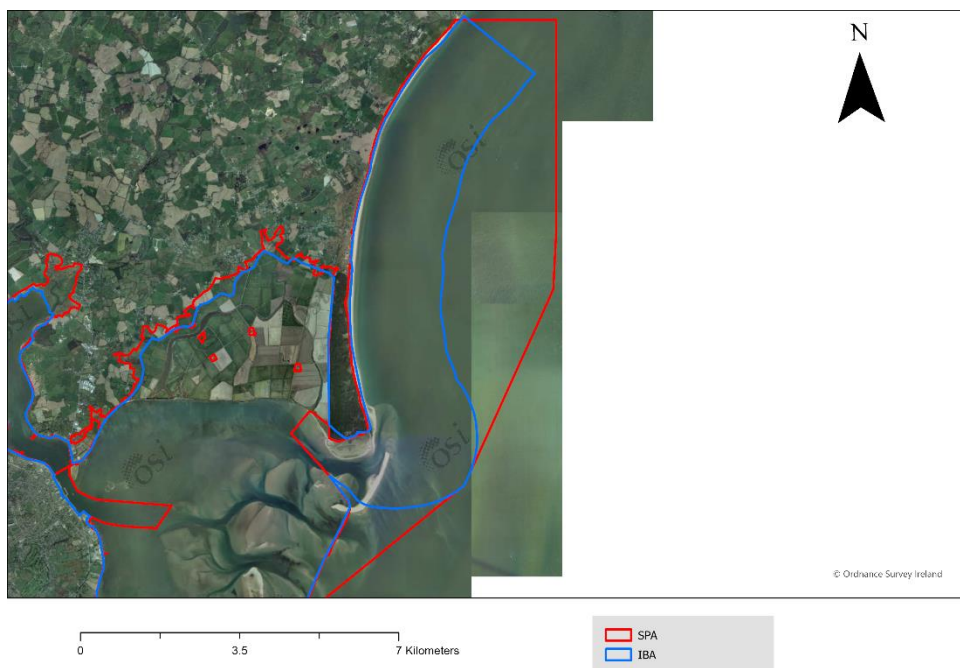


Fig 55d: A comparison of Wexford Harbour and Slobs SPA and the The Raven SPA with the boundary of the latest version of the associated IBA (area 3)





Fig 55e: A comparison of Wexford Harbour and Slobs SPA and the The Raven SPA with the boundary of the latest version of the associated IBA (area 4)

### Rogerstown Estuary

Rogerstown Estuary is a small, narrow estuary separated from the sea by a sand/shingle-bar and divided by a railway line. Rogerstown Estuary SPA is larger than both the old and current version of the SPA by 277 and 89 ha respectively (Table 56a and 56b). The SPA boundary differs from the current IBA boundary in several areas. These differences are highlighted and numbered in Fig 56a (areas 1 to 5) and the numbered areas are mapped individually in Fig 56b to 56e. Area 1 shows that the IBA extends further west than the SPA, taking in some of the inner estuary and adjoining land. Area 1 also shows that the SPA takes in more wetland area than the IBA. Area 2 shows that the IBA takes in some highly modified land. The corresponding SPA boundary is largely restricted to wetland habitats. Areas 3 shows a large section SPA that is not in the IBA. Area 4 shows the IBA taking in a larger area of the outer estuary and coastal sections than the SPA.

Table 56a: Details of Rogerstown Estuary SPA

| SPA Code  | SPA Name               | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|------------------------|---|-----------|---|---|
| IE0004015 | Rogerstown Estuary SPA | Greylag Goose ( <i>Anser anser</i> ) [A043], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Shoveler ( <i>Anas clypeata</i> ) [A056], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Knot ( <i>Calidris canutus</i> ) [A143], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Redshank ( <i>Tringa totanus</i> ) [A162], Wetland and Waterbirds [A999] | 645       | <a href="https://www.npws.ie/protected-sites/spa/004015">https://www.npws.ie/protected-sites/spa/004015</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0271.html">https://www.irishstatutebook.ie/2010/en/si/0271.html</a> |

Table 56b: Details of Rogerstown Estuary IBA

| IBA Code | IBA Name               | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|------------------------|--|----------------------------|---------------|
| 115      | Rogerstown Estuary IBA | Brent Goose ( <i>Branta bernicla</i> ), Knot ( <i>Calidris canutus</i> ) | 368                        | 556           |

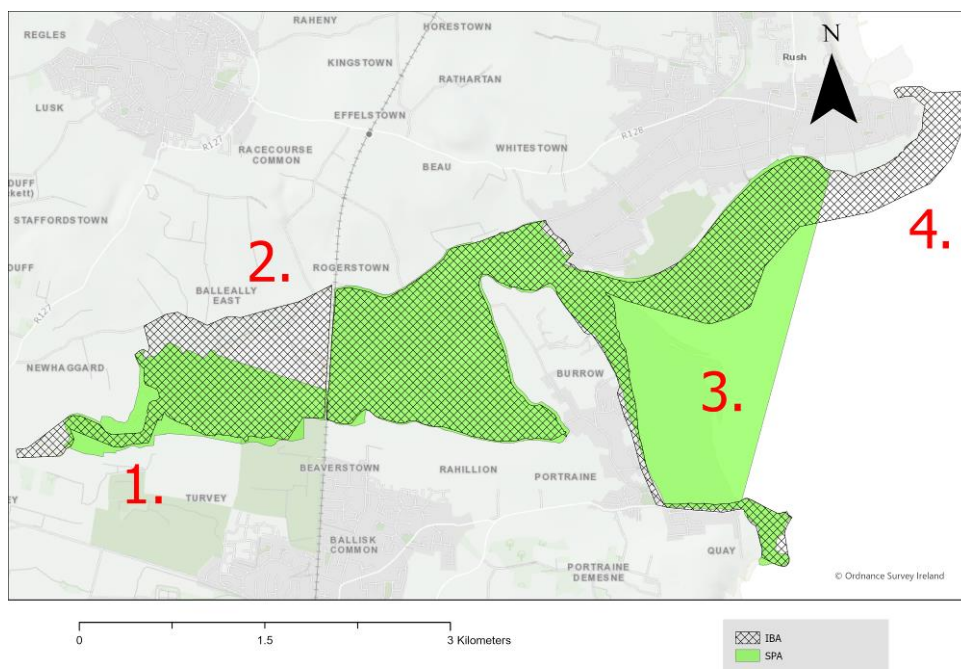


Fig 56a: A comparison of Rogerstown Estuary SPA with the boundary of the latest version of the associated IBA

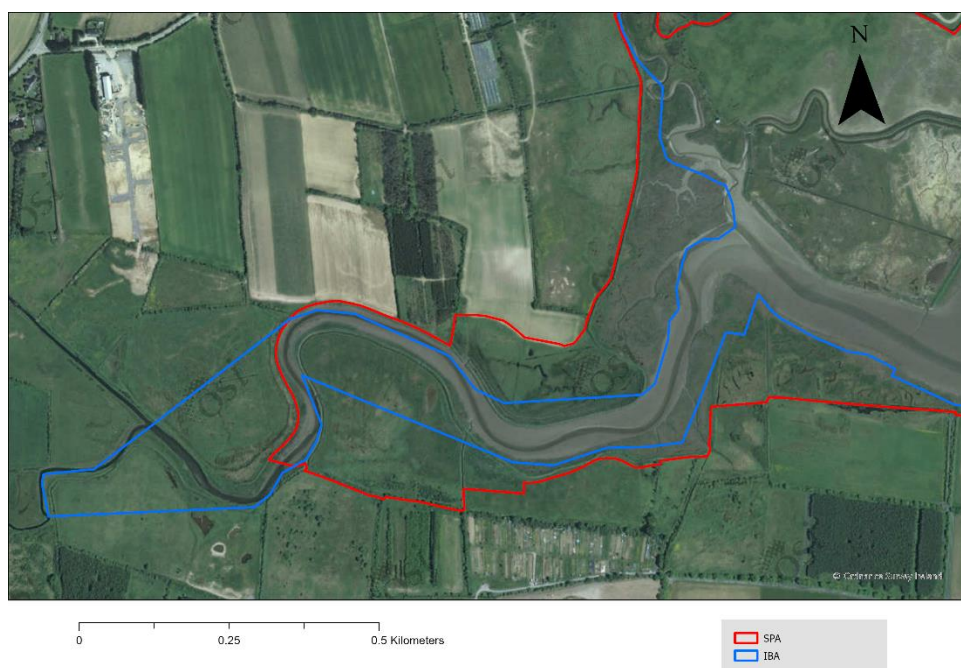


Fig 56b: A comparison of Rogerstown Estuary SPA with the boundary of the latest version of the associated IBA (area 1)

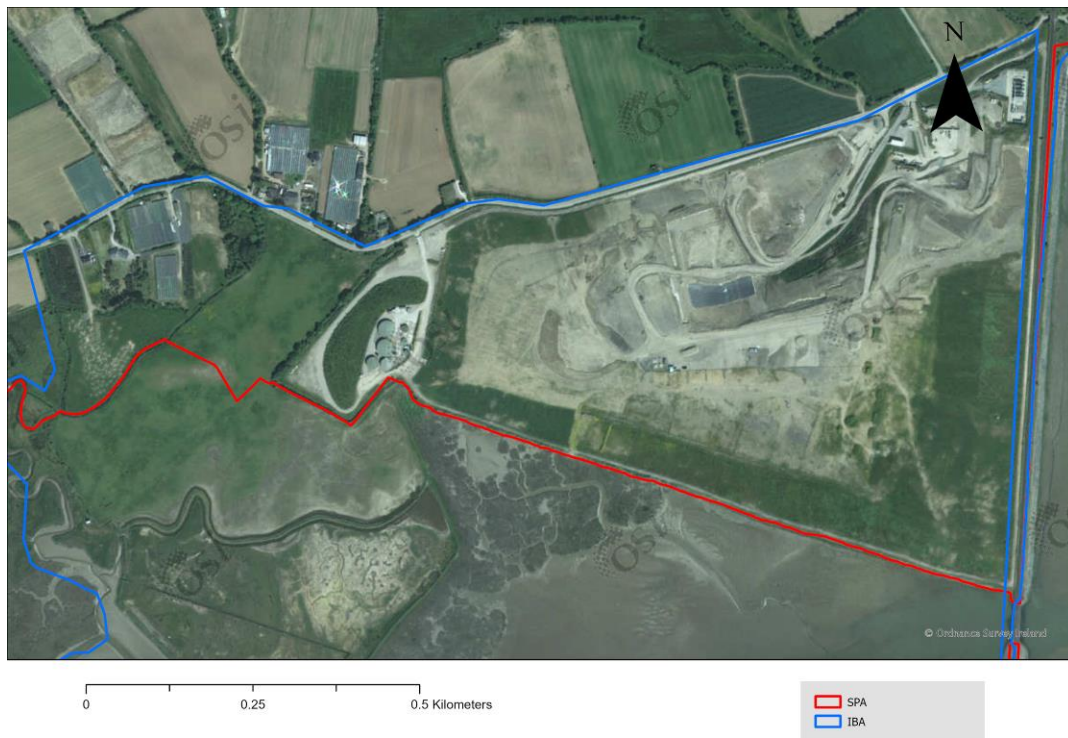


Fig 56b: A comparison of Rogerstown Estuary SPA with the boundary of the latest version of the associated IBA (area 2)





Fig 56b: A comparison of Rogerstown Estuary SPA with the boundary of the latest version of the associated IBA (area 3)

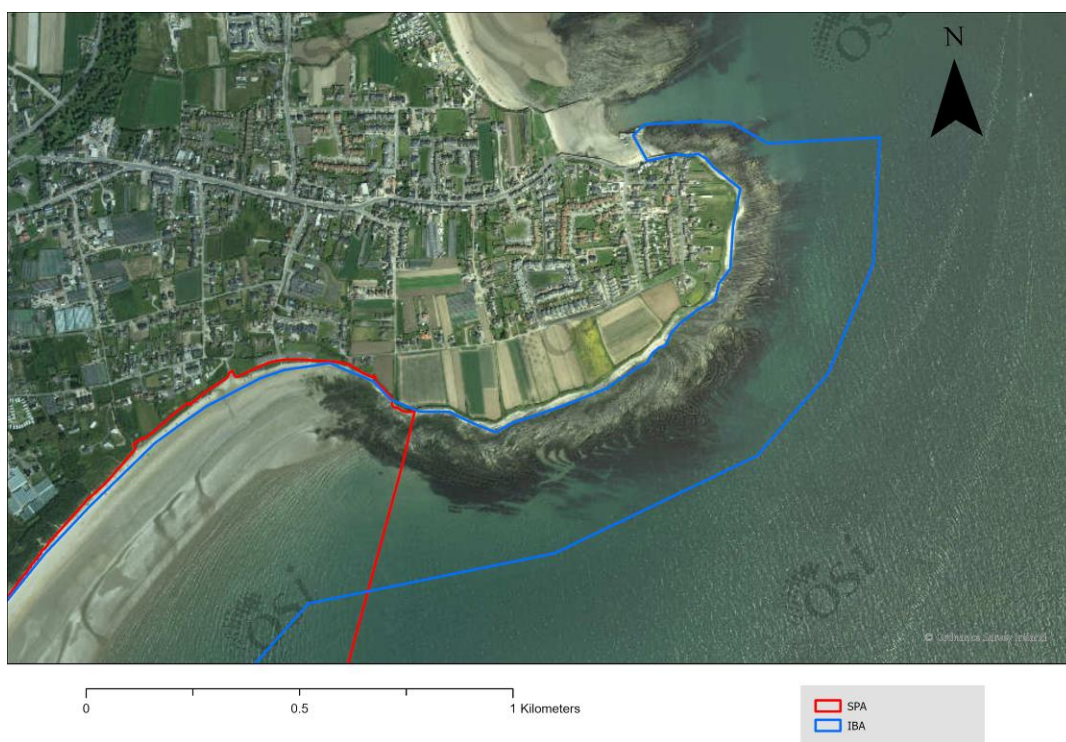


Fig 56b: A comparison of Rogerstown Estuary SPA with the boundary of the latest version of the associated IBA (area 4)

## Dundalk Bay

Dundalk Bay is a very large, open, shallow sea bay extending east from Dundalk town in County Louth. This site encompasses extensive sand- and mudflats, saltmarshes, shingle-beaches and tidal rivers. Dundalk Bay SPA is much larger than the original IBA and similar in size, but larger, than the current version of the IBA (Tables 57a, 57b). The SPA boundary is similar to the current IBA boundary with some differences highlighted in Fig 57a. There are differences in the northern boundary of the SPA and current IBA version (see areas 1 and 2 of Fig 57a). Area 1 shows the IBA extends further than the SPA encompassing fields and farm buildings adjacent to the inner estuary (Fig 57b). Area 2 shows similar with the SPA boundary focusing on the inclusion of the wetland habitat (Fig 57c). The SPA also extends further west than the SPA, encompassing more of the inner estuary (Fig 57c). Areas 3 and 4 show small amounts of farmland that is included in the current IBA version but not in the SPA (Fig 57d, 57e). The SPA includes a much larger area of marine water/outer estuary than the IBA, see area 5 of Fig 57a and 57f. Overall there is 2,224 ha of SPA that is not covered by the current version of the IBA (area 5).

Table 57a: Details of Dundalk Bay SPA

| SPA Code  | SPA Name        | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------|---|-----------|---|---|
| IE0004026 | Dundalk Bay SPA | Great Crested Grebe ( <i>Podiceps cristatus</i> ) [A005], Greylag Goose ( <i>Anser anser</i> ) [A043], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Teal ( <i>Anas crecca</i> ) [A052], Mallard ( <i>Anas platyrhynchos</i> ) [A053], Pintail ( <i>Anas acuta</i> ) [A054], Common Scoter ( <i>Melanitta nigra</i> ) [A065], Red-breasted Merganser ( <i>Mergus serrator</i> ) [A069], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Knot ( <i>Calidris canutus</i> ) [A143], Dunlin ( <i>Calidris alpina</i> ) [A149], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Common Gull ( <i>Larus canus</i> ) [A182], Herring Gull ( <i>Larus argentatus</i> ) [A184], Wetland and Waterbirds [A999] | 13,238    | <a href="https://www.npws.ie/protected-sites/spa/004026">https://www.npws.ie/protected-sites/spa/004026</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0310.html">https://www.irishstatutebook.ie/2012/en/si/0310.html</a> |

Table 57b: Details of Dundalk Bay IBA

| IBA Code | IBA Name        | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-----------------|--|----------------------------|---------------|
| 121      | Dundalk Bay IBA | Greylag Goose ( <i>Anser anser</i> ), Brent Goose ( <i>Branta bernicla</i> ), Knot ( <i>Calidris canutus</i> ), Dunlin ( <i>Calidris alpina</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ), Curlew ( <i>Numenius arquata</i> ), Redshank ( <i>Tringa tetanus</i> ) | 4,920                      | 11,143        |



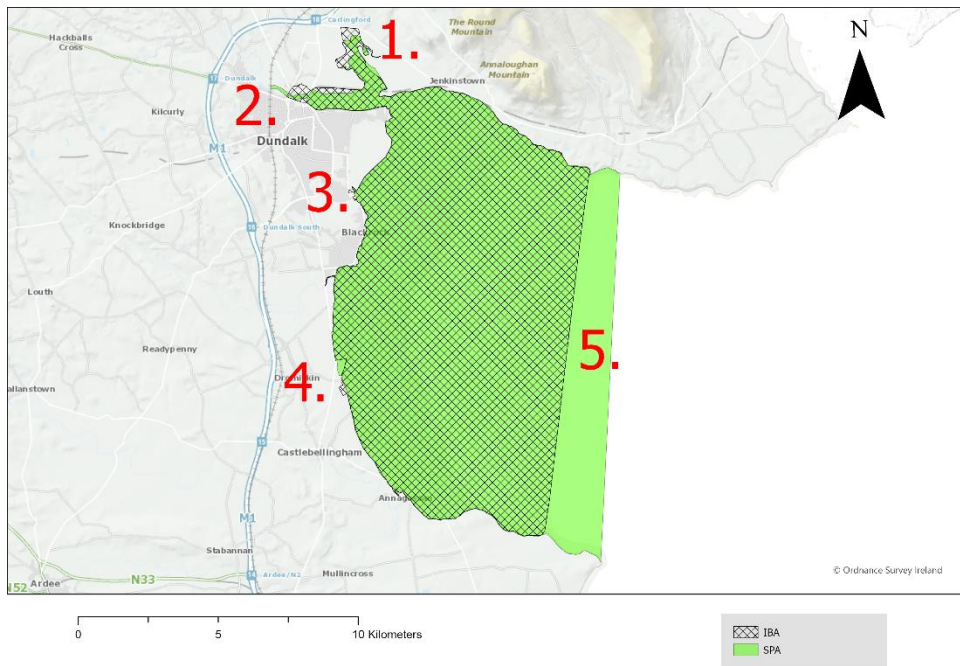


Fig 57a: A comparison of Dundalk Bay SPA with the boundary of the latest version of the associated IBA



Fig 57b: A comparison of Dundalk Bay SPA with the boundary of the latest version of the associated IBA (area 1)





Fig 57c: A comparison of Dundalk Bay SPA with the boundary of the latest version of the associated IBA (area 2)



Fig 57d: A comparison of Dundalk Bay SPA with the boundary of the latest version of the associated IBA (area 3)

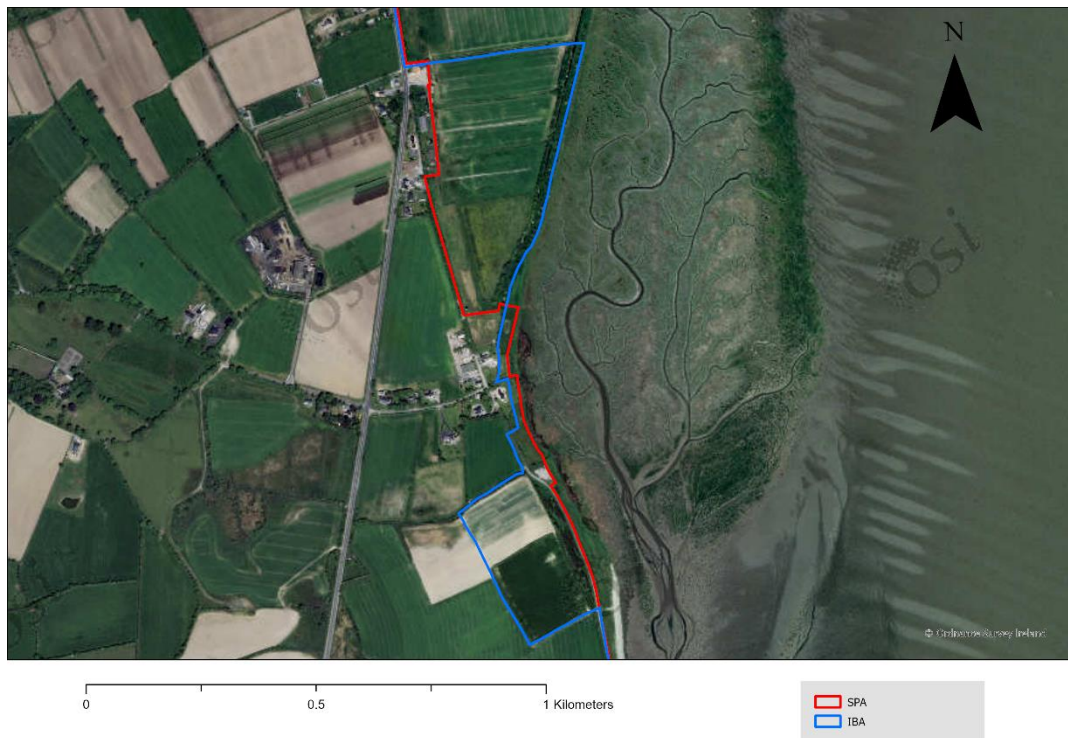


Fig 57e: A comparison of Dundalk Bay SPA with the boundary of the latest version of the associated IBA (area 4)

### Carlingford Lough

This is a narrow sea lough on the border with Northern Ireland. Carlingford Lough SPA is over 4,000 ha smaller than both the old and current version of the SPA. The IBA covers a very large area of the lough on both sides of the border (Fig 58) while the SPA focuses on core intertidal feeding and roosting areas for Brent Geese in this jurisdiction.

Table 58a: Details of Carlingford Lough SPA

| SPA Code   | SPA Name              | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|------------|-----------------------|--|-----------|---|---|
| IE0004 078 | Carlingford Lough SPA | Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Wetland and Waterbirds [A999] | 595       | <a href="https://www.npws.ie/protected-sites/spa/004078">https://www.npws.ie/protected-sites/spa/004078</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0464.html">https://www.irishstatutebook.ie/2012/en/si/0464.html</a> |

Table 58b: Details of Carlingford Lough IBA

| IBA Code | IBA Name              | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-----------------------|--|----------------------------|---------------|
| 122      | Carlingford Lough IBA | Brent Goose ( <i>Branta bernicla</i> ), Scaup ( <i>Aythya marila</i> ) | 4,660                      | 4,974         |

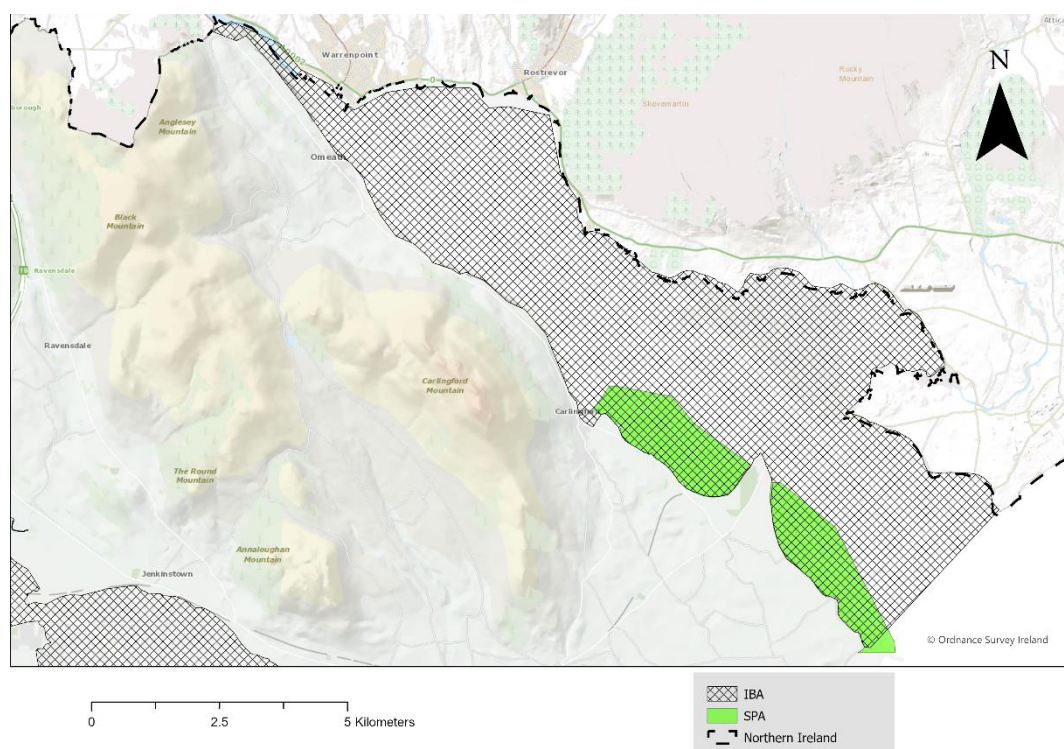


Fig 58: A comparison of Carlingford Lough SPA with the boundary of the latest version of the associated IBA

## Lough Foyle

This is a large, shallow sea inlet and estuary of the River Foyle on the border with Northern Ireland. Lough Foyle SPA is far smaller than both the old and current version of the IBA by over 18,000 ha. The IBA also extends into Northern Ireland in several locations (Fig 59).



Table 61a: Details of Lough Foyle SPA

| SPA Code  | SPA Name        | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------|---|-----------|---|---|
| IE0004087 | Lough Foyle SPA | Red-throated Diver ( <i>Gavia stellata</i> ) [A001], Great Crested Grebe ( <i>Podiceps cristatus</i> ) [A005], Bewick's Swan ( <i>Cygnus columbianus bewickii</i> ) [A037], Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Greylag Goose ( <i>Anser anser</i> ) [A043], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Wigeon ( <i>Anas penelope</i> ) [A050], Teal ( <i>Anas crecca</i> ) [A052], Mallard ( <i>Anas platyrhynchos</i> ) [A053], Eider ( <i>Somateria mollissima</i> ) [A063], Red-breasted Merganser ( <i>Mergus serrator</i> ) [A069], Oystercatcher ( <i>Haematopus ostralegus</i> ) [A130], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Knot ( <i>Calidris canutus</i> ) [A143], Dunlin ( <i>Calidris alpina</i> ) [A149], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Redshank ( <i>Tringa totanus</i> ) [A162], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Common Gull ( <i>Larus canus</i> ) [A182], Herring Gull ( <i>Larus argentatus</i> ) [A184], Wetland and Waterbirds [A999] | 588       | <a href="https://www.npws.ie/protected-sites/spa/004087">https://www.npws.ie/protected-sites/spa/004087</a> | <a href="https://www.irishstatutebook.ie/2011/en/si/0341.html">https://www.irishstatutebook.ie/2011/en/si/0341.html</a> |

Table 61b: Details of Lough Foyle IBA

| IBA Code | IBA Name        | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-----------------|--|----------------------------|---------------|
| 4        | Lough Foyle IBA | Bewick's Swan ( <i>Cygnus columbianus</i> ), Whooper Swan ( <i>Cygnus cygnus</i> ), White-fronted Goose ( <i>Anser albifrons</i> ), Brent Goose ( <i>Branta bernicla</i> ), Wigeon ( <i>Anas Penelope</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ), Curlew ( <i>Numenius arquata</i> ) | 21,803                     | 19,318        |

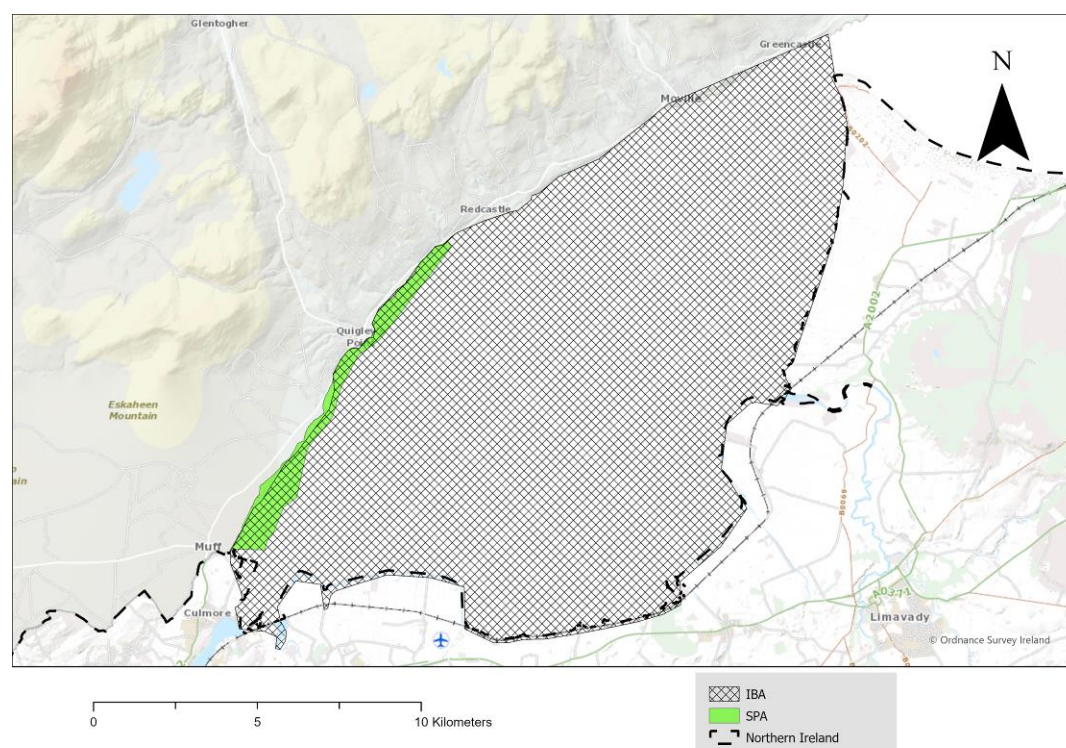


Fig 59: A comparison of Lough Foyle SPA with the boundary of the latest version of the associated IBA

## Tacumshin Lake

This a shallow, coastal lagoon in County Wexford that is separated from the sea by a spit of shingle and sand. Tacumshin Lake SPA is smaller than both the old and current version of the IBA by 52 and 357 ha respectively (Table 60a and 60b). There is approximately 365 ha of IBA that is not covered by the SPA. Conversely, there is eight hectares of SPA that is not covered by the IBA. The SPA boundary differs from the current IBA boundary in several areas. These differences are highlighted and numbered in Fig 60a (areas 1 to 7) and the numbered areas are mapped individually in Fig 60b to 60g (except area 4). Areas 1 and 6 highlight a large area of fields and a coastal strip that is not included in the SPA. Similarly, areas 2 and 3 show a small area of IBA that is not included in the SPA, comprising of a number of agricultural fields and scrubland. Area 3 highlights an area of fields and a scrubland that is not included in the SPA. Area 5 shows a small area of wetland and fields that that are covered by IBA but not the SPA. Area 7 highlights a coastal strip that is included in the IBA but not the SPA. The SPA boundary focuses on wetland habitats and adjoining fields that were known to be used by species of special conservation interest for the site.

Table 60a: Details of Tacumshin Lake SPA

| SPA Code  | SPA Name           | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|--------------------|--|-----------|---|---|
| IE0004092 | Tacumshin Lake SPA | Little Grebe ( <i>Tachybaptus ruficollis</i> ) [A004], Bewick's Swan ( <i>Cygnus columbianus bewickii</i> ) [A037], Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Wigeon ( <i>Anas penelope</i> ) [A050], Gadwall ( <i>Anas strepera</i> ) [A051], Teal ( <i>Anas crecca</i> ) [A052], Pintail ( <i>Anas acuta</i> ) [A054], Shoveler ( <i>Anas clypeata</i> ) [A056], Tufted Duck ( <i>Aythya fuligula</i> ) [A061], Coot ( <i>Fulica atra</i> ) [A125], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Wetland and Waterbirds [A999] | 476       | <a href="https://www.npws.ie/protected-sites/spa/004092">https://www.npws.ie/protected-sites/spa/004092</a> | <a href="https://www.irisstatutebook.ie/2012/en/si/0178.html">https://www.irisstatutebook.ie/2012/en/si/0178.html</a> |

Table 60b: Details of Tacumshin Lake IBA

| IBA Code | IBA Name           | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|--------------------|---|----------------------------|---------------|
| 100      | Tacumshin Lake IBA | Mute Swan ( <i>Cygnus olor</i> ), Bewick's Swan ( <i>Cygnus columbianus</i> ), Scaup ( <i>Aythya marila</i> ), Curlew ( <i>Numenius arquata</i> ) | 528                        | 833           |

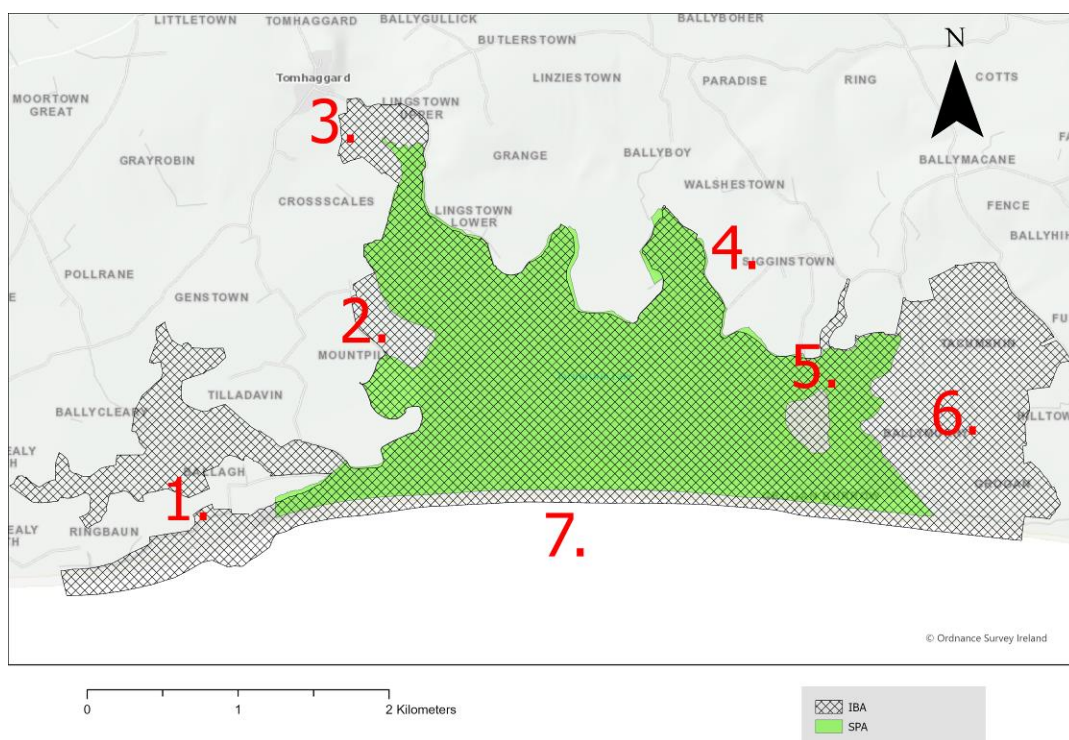


Fig 60a: A comparison of Tacumshin Lake SPA with the boundary of the latest version of the associated IBA



Fig 60b: A comparison of Tacumshin Lake SPA with the boundary of the latest version of the associated IBA (area 1)





Fig 60c: A comparison of Tacumshin Lake SPA with the boundary of the latest version of the associated IBA (area 2)



Fig 60d: A comparison of Tacumshin Lake SPA with the boundary of the latest version of the associated IBA (area 3)

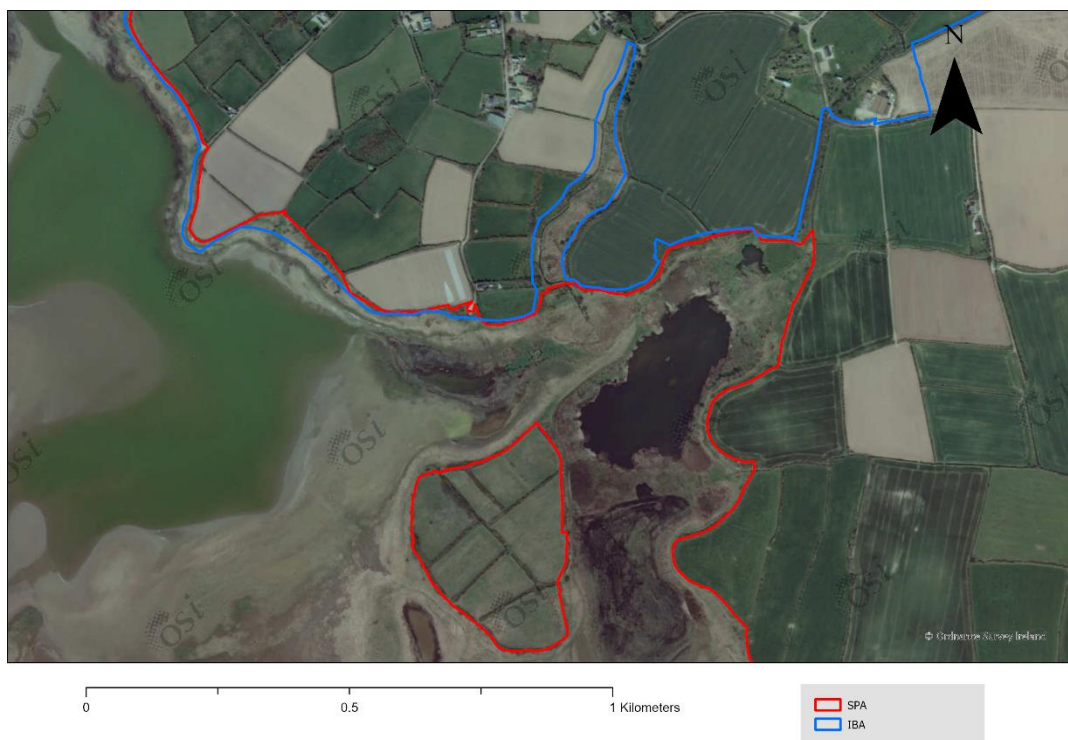


Fig 60e: A comparison of Tacumshin Lake SPA with the boundary of the latest version of the associated IBA (area 5)



Fig 60f: A comparison of Tacumshin Lake SPA with the boundary of the latest version of the associated IBA (area 6)





Fig 60g: A comparison of Tacumshin Lake SPA with the boundary of the latest version of the associated IBA (area 7)

### Lady's Island Lake

Lady's Island Lake is a shallow coastal lagoon, separated from the sea by a barrier of sand and shingle in County Wexford. Lady's Island Lake SPA is larger than the original IBA and 138 ha larger than the current version of the IBA (Table 61a, 61b). The boundaries of the SPA and current version of the IBA are similar (Fig 61a and 61b). However, the SPA includes more areas of suitable habitat both inland and on the coast, see areas highlighted on Fig 61a and 61b. Areas 1 and 3 show areas of lagoon and land adjacent to the lagoon that was not included in the IBA. Areas 2 and 4 show coastal areas of the SPA that were not included in the IBA. Area 4 is very important areas for some tern species that are species of special conservation interest for the SPA. The SPA almost entirely encompasses the current IBA but includes an extra 134 ha of suitable habitat. The bank highlighted in area 2 shelters the lagoon from the sea and is included in the SPA boundary but not the IBA boundary.

Table 61a: Details of Lady's Island Lake SPA

| SPA Code  | SPA Name               | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|------------------------|---|-----------|---|---|
| IE0004009 | Lady's Island Lake SPA | Gadwall ( <i>Anas strepera</i> ) [A051], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Sandwich Tern ( <i>Sterna sandvicensis</i> ) [A191], Roseate Tern ( <i>Sterna dougallii</i> ) [A192], Common Tern ( <i>Sterna hirundo</i> ) [A193], Arctic Tern ( <i>Sterna paradisaea</i> ) [A194], Wetland and Waterbirds [A999] | 479       | <a href="https://www.npws.ie/protected-sites/spa/004009">https://www.npws.ie/protected-sites/spa/004009</a> | <a href="https://www.irishtatutebook.ie/2010/en/si/0069.html">https://www.irishtatutebook.ie/2010/en/si/0069.html</a> |



Table 61b: Details of Lady's Island Lake IBA

| IBA Code | IBA Name               | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|------------------------|---|----------------------------|---------------|
| 101      | Lady's Island Lake IBA | Mute Swan ( <i>Cygnus olor</i> ), Sandwich Tern ( <i>Sterna sandvicensis</i> ), Roseate Tern ( <i>Sterna dougallii</i> ), Common Tern ( <i>Sterna dougallii</i> ), Arctic Tern ( <i>Sterna paradisaea</i> ) | 466                        | 341           |

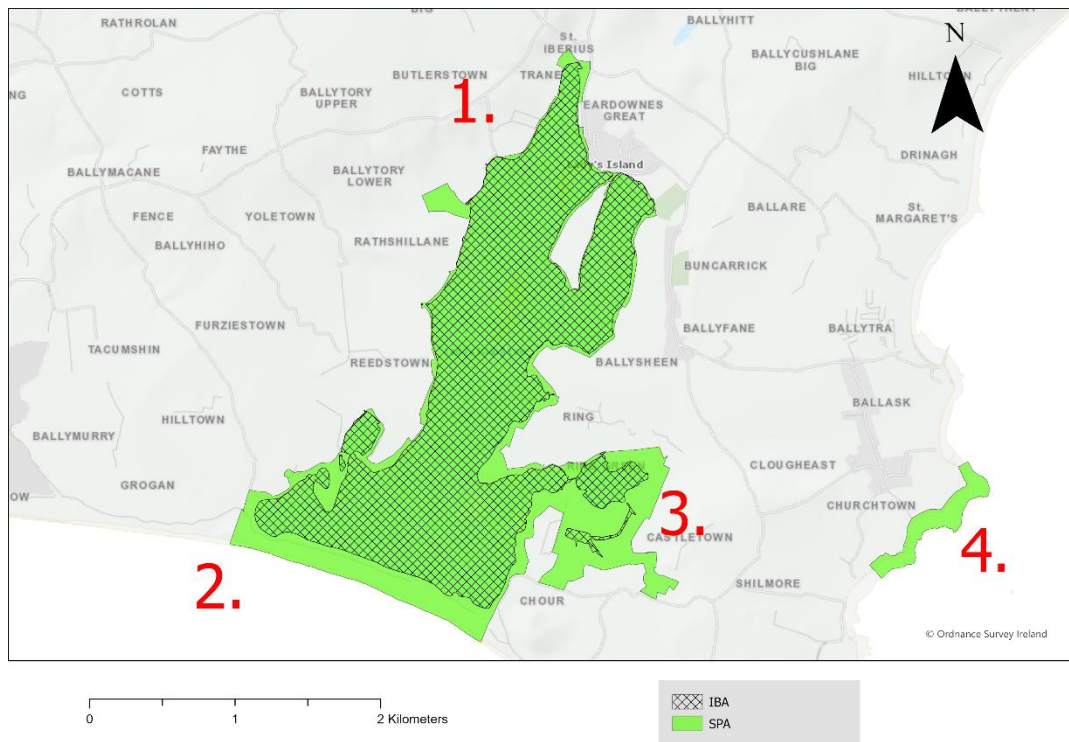


Fig 61a: A comparison of Lady's Island Lake SPA with the boundary of the latest version of the associated IBA

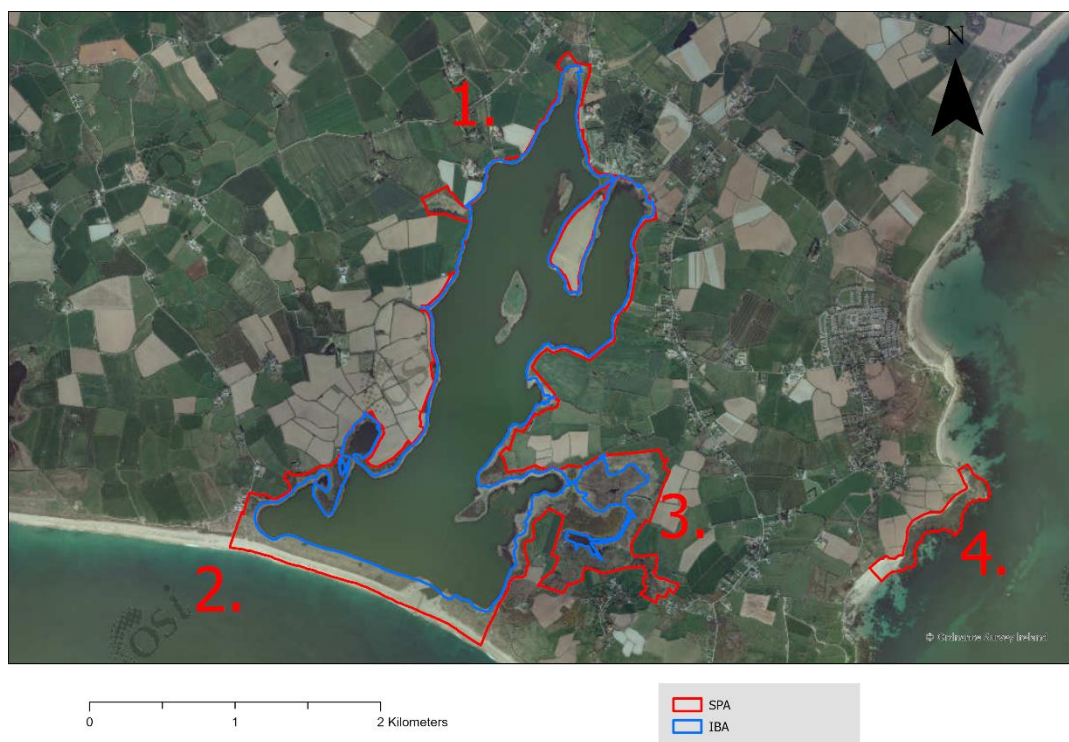


Fig 61b: A comparison of Lady's Island Lake SPA with the boundary of the latest version of the associated IBA

#### Mid Clare Coast including Mutton and Mattle islands

This area includes a section of coastline and small, uninhabited islands on the coast of County Clare. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The SPA (Fig 62) is smaller in area than the original IBA by 2361 ha (Table 62a, 62b).

Table 62a: Details of Mid-Clare Coast SPA

| SPA Code  | SPA Name            | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------------|---|-----------|---|---|
| IE0004182 | Mid-Clare Coast SPA | Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Barnacle Goose ( <i>Branta leucopsis</i> ) [A045], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Sanderling ( <i>Calidris alba</i> ) [A144], Purple Sandpiper ( <i>Calidris maritima</i> ) [A148], Dunlin ( <i>Calidris alpina</i> ) [A149], Turnstone ( <i>Arenaria interpres</i> ) [A169], Wetland and Waterbirds [A999] | 4,639     | <a href="https://www.npws.ie/protected-sites/spa/004182">https://www.npws.ie/protected-sites/spa/004182</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0109.html">https://www.irishstatutebook.ie/2010/en/si/0109.html</a> |

Table 62b: Details of Mid Clare coast including Mutton & Mattle Islands IBA

| IBA Code | IBA Name  | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---|---|----------------------------|---------------|
| 65       | Mid Clare coast including Mutton & Mattle Islands IBA | Barnacle Goose ( <i>Branta leucopsis</i> ), Turnstone ( <i>Arenaria interpres</i> ) | 7,000                      | NA            |

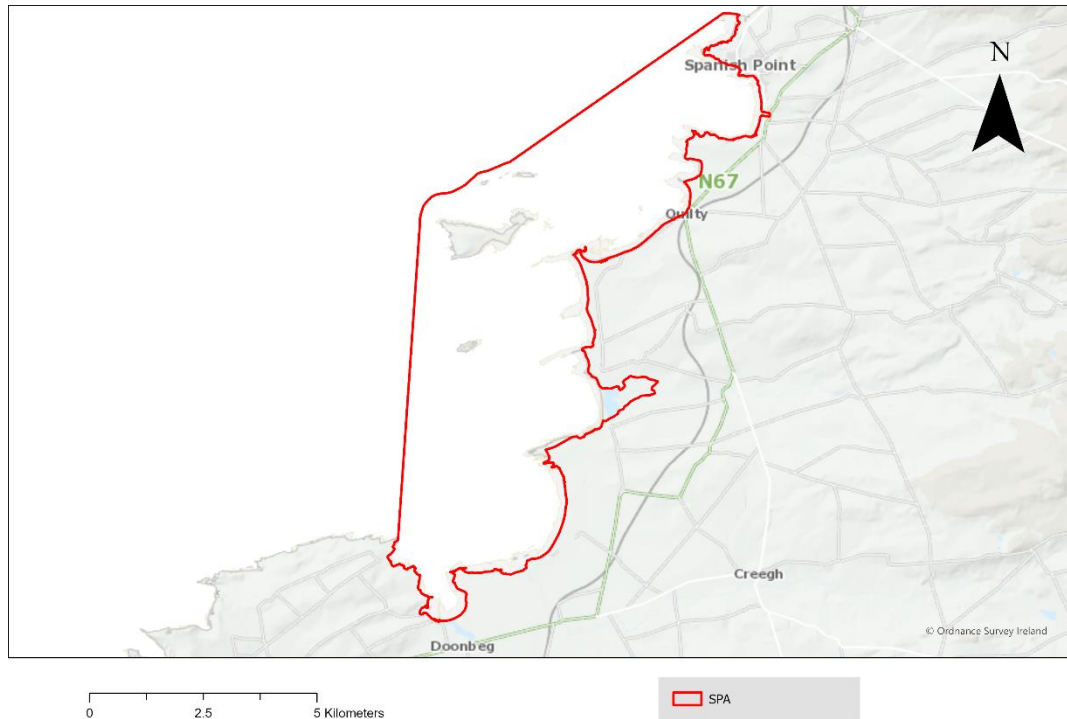


Fig 62: Current boundary of Mid-Clare Coast SPA

### North Wicklow Coastal Marshes

This area is a coastal wetland complex with a shingle barrier extending the length of the site, encompassing a brackish and freshwater marsh, estuary fen and wet grassland. The Murrough SPA is significantly larger than both the old and current version of the IBA (Table 63a and 63b). The SPA is over 7,000 ha greater in area than the current version of the IBA. Much of this difference can be attributed to a greater area of marine waters covered in the SPA (Fig 63a), habitat used by foraging Little Terns and wintering Red-throated Diver which are two species of special conservation interest for the site. The SPA boundary differs from the current IBA boundary in several other areas. These differences are highlighted and numbered in Fig 63a (areas 1 to 3) and the numbered areas are mapped individually in Fig 63b to 63d. Areas 1-3 show that IBA extends inland than the SPA in several locations. Between area 1 and 2 there is a small section of SPA that extends further than the IBA.



Table 63a: Details of the Murrough SPA

| SPA Code  | SPA Name         | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|------------------|---|-----------|---|---|
| IE0004186 | The Murrough SPA | Red-throated Diver ( <i>Gavia stellata</i> ) [A001], Greylag Goose ( <i>Anser anser</i> ) [A043], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Wigeon ( <i>Anas penelope</i> ) [A050], Teal ( <i>Anas crecca</i> ) [A052], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Herring Gull ( <i>Larus argentatus</i> ) [A184], Little Tern ( <i>Sterna albifrons</i> ) [A195], Wetland and Waterbirds [A999] | 9,767     | <a href="https://www.npws.ie/protected-sites/spa/004186">https://www.npws.ie/protected-sites/spa/004186</a> | <a href="https://www.irishtatutebook.ie/2011/en/si/0298.html">https://www.irishtatutebook.ie/2011/en/si/0298.html</a> |

Table 63a: Details of North Wicklow coastal marshes IBA

| IBA Code | IBA Name                      | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-------------------------------|--|----------------------------|---------------|
| 105      | North Wicklow coastal marshes | Bewick's Swan ( <i>Cygnus columbianus</i> ), Brent Goose ( <i>Branta bernicla</i> ), Little Tern ( <i>Sterna albifrons</i> ) | 670                        | 2,655         |

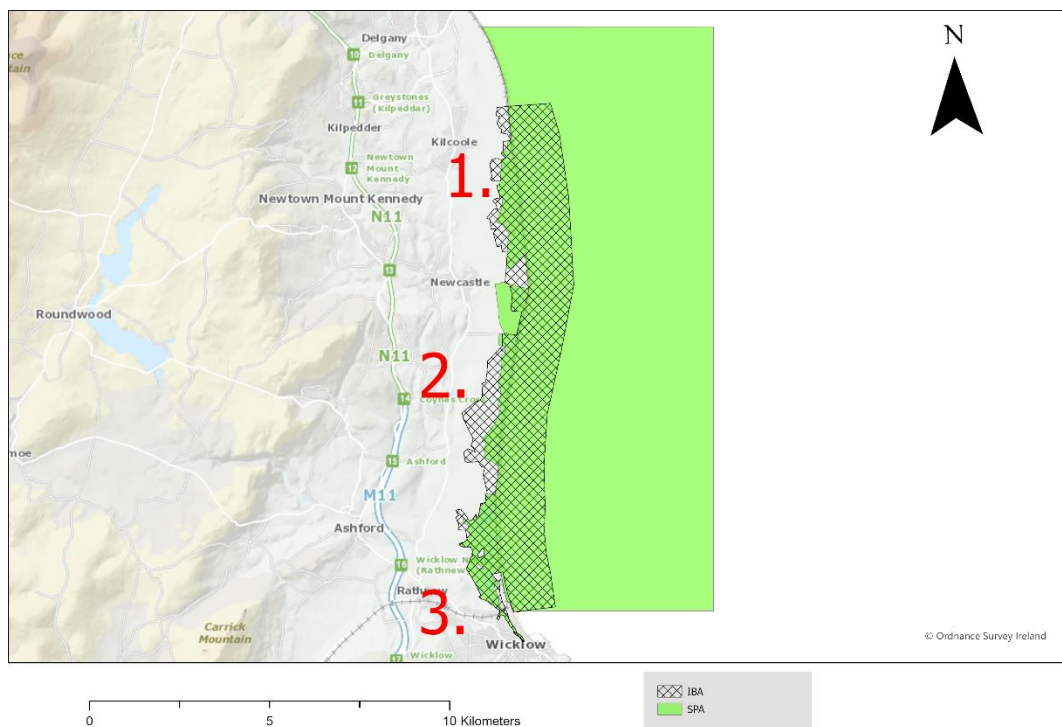


Fig 63a: A comparison of The Murrough SPA with the boundary of the latest version of the associated IBA



Fig 63b: A comparison of The Murrough SPA with the boundary of the latest version of the associated IBA (area 1)

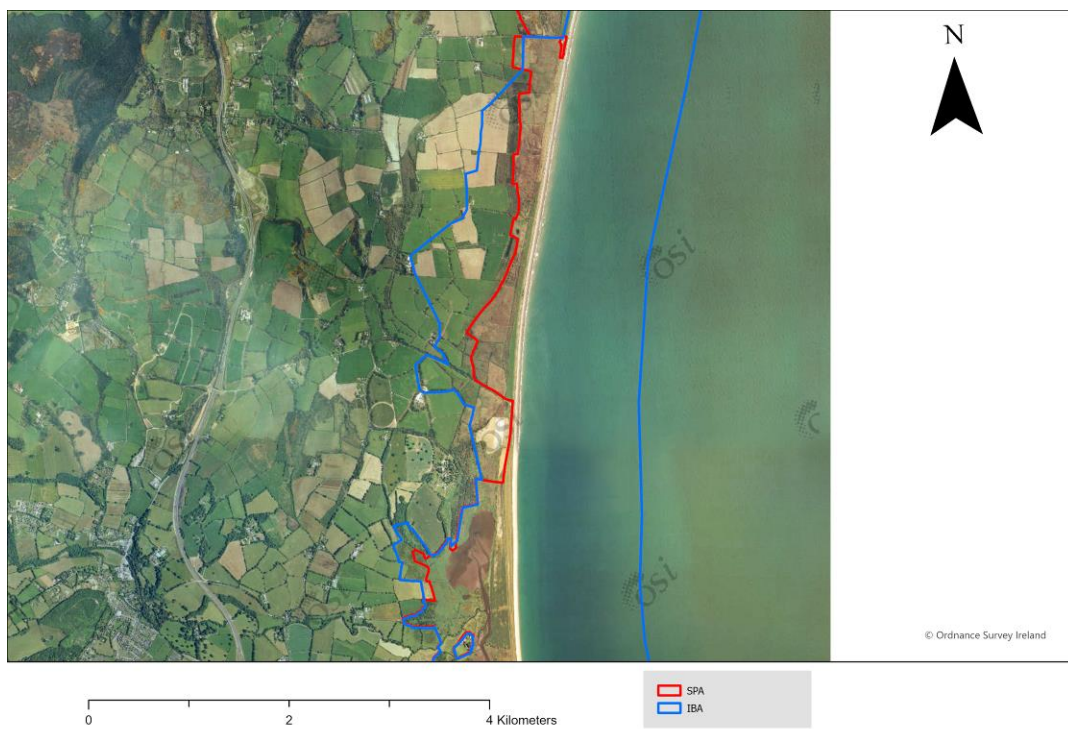


Fig 63c: A comparison of The Murrough SPA with the boundary of the latest version of the associated IBA (area 2)



Fig 63d: A comparison of The Murrrough SPA with the boundary of the latest version of the associated IBA (area 3)

#### Cross Lough/Termoncarragh Lake including Broadhaven and Blacksod Bays.

This is a large coastal complex in County Mayo that encompasses a wide variety of habitats including intertidal mudflats, sandflats and saltmarsh of several bays as well as parts of the Mullet peninsula and mainland, with machair, lake, marsh and non-intensive farmland. The area is covered by Broadhaven, Blacksod & Tullaghan Bays IBA and three different SPA that interlink. Blacksod Bay/Broad Haven SPA, Termoncarragh Lake and Annagh Machair SPA and the Mullet Peninsula SPA are the three SPAs in the region. The three SPAs together are 16,947 ha in area which is larger than the old version of the IBA but smaller than the current version of the IBA by approximately 2,485 (Table 64a and 64b). The SPA boundary differs from the current IBA boundary in several areas. These differences are highlighted and numbered in Fig 64a (areas 1 to 4) and the numbered areas are mapped individually in Fig 64b to 64e. Area 1 highlights two areas of the SPA that are not included in the IBA, Blind Harbour and the outer areas of Sruwaddacon Bay. Areas 2 and 3 highlight large areas of the Mullet peninsula that is covered by the IBA but not by an SPA. The IBA covers large areas of agricultural land, presumably for Corncrake. Mullet Peninsula SPA and Termoncarragh Lake and Annagh Machair SPA both include Corncrake Habitat (areas 2 and 3). Area 4 highlights two areas of the SPA that are not covered by the IBA. The SPA covers a larger area of outer Blacksod Bay as well as area of wetland to the south-east that is not covered by the current version of the IBA.



Table 64a: Details of Blacksod Bay/Broad Haven SPA, Termoncarragh Lake and Annagh Machair SPA and Mullet Peninsula SPA

| SPA Code  | SPA Name                                  | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---|---|-----------|---|---|
| IE0004037 | Blacksod Bay/Broad Haven SPA              | Red-throated Diver ( <i>Gavia stellata</i> ) [A001], Great Northern Diver ( <i>Gavia immer</i> ) [A003], Slavonian Grebe ( <i>Podiceps auritus</i> ) [A007], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046], Common Scoter ( <i>Melanitta nigra</i> ) [A065], Red-breasted Merganser ( <i>Mergus serrator</i> ) [A069], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Sanderling ( <i>Calidris alba</i> ) [A144], Dunlin ( <i>Calidris alpina</i> ) [A149], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Curlew ( <i>Numenius arquata</i> ) [A160], Sandwich Tern ( <i>Sterna sandvicensis</i> ) [A191], Dunlin ( <i>Calidris alpina schinzii</i> ) [A466], Wetland and Waterbirds [A999] | 16,219    | <a href="https://www.npws.ie/protected-sites/spa/004037">https://www.npws.ie/protected-sites/spa/004037</a> | <a href="https://www.irishstatutebook.ie/eli/2021/si/388/made/en/pdf">https://www.irishstatutebook.ie/eli/2021/si/388/made/en/pdf</a> |
| IE 004093 | Termoncarragh Lake and Annagh Machair SPA | Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Barnacle Goose ( <i>Branta leucopsis</i> ) [A045], Corncrake ( <i>Crex crex</i> ) [A122], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Chough ( <i>Pyrrhocorax pyrrhocorax</i> ) [A346], Greenland White-fronted Goose ( <i>Anser albifrons flavirostris</i> ) [A395], Dunlin ( <i>Calidris alpina schinzii</i> ) [A466], Wetland and Waterbirds [A999]   | 405       | <a href="https://www.npws.ie/protected-sites/spa/004093">https://www.npws.ie/protected-sites/spa/004093</a> | <a href="https://www.irishstatutebook.ie/2007/en/si/0046.html">https://www.irishstatutebook.ie/2007/en/si/0046.html</a>               |
| IE004227  | Mullet Peninsula SPA                      | Corncrake ( <i>Crex crex</i> ) [A122]   | 323       | <a href="https://www.npws.ie/protected-sites/spa/004227">https://www.npws.ie/protected-sites/spa/004227</a> | <a href="https://www.irishstatutebook.ie/2013/en/si/0083.html">https://www.irishstatutebook.ie/2013/en/si/0083.html</a>               |

Table 64b: Details of Broadhaven, Blacksod & Tullaghan Bays IBA

| IBA Code | IBA Name                                  | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---|---|----------------------------|---------------|
| 41       | Broadhaven, Blacksod & Tullaghan Bays IBA | Great Northern Diver ( <i>Gavia immer</i> ), Whooper Swan ( <i>Cygnus cygnus</i> ), Barnacle Goose ( <i>Branta leucopsis</i> ), Brent Goose ( <i>Branta bernicla</i> ), Corncrake ( <i>Crex crex</i> ), Bar-tailed Godwit ( <i>Limosa lapponica</i> ), Red-necked Phalarope ( <i>Phalaropus lobatus</i> ), Sandwich Tern ( <i>Sterna sandvicensis</i> ) | 10,852                     | 19,432        |

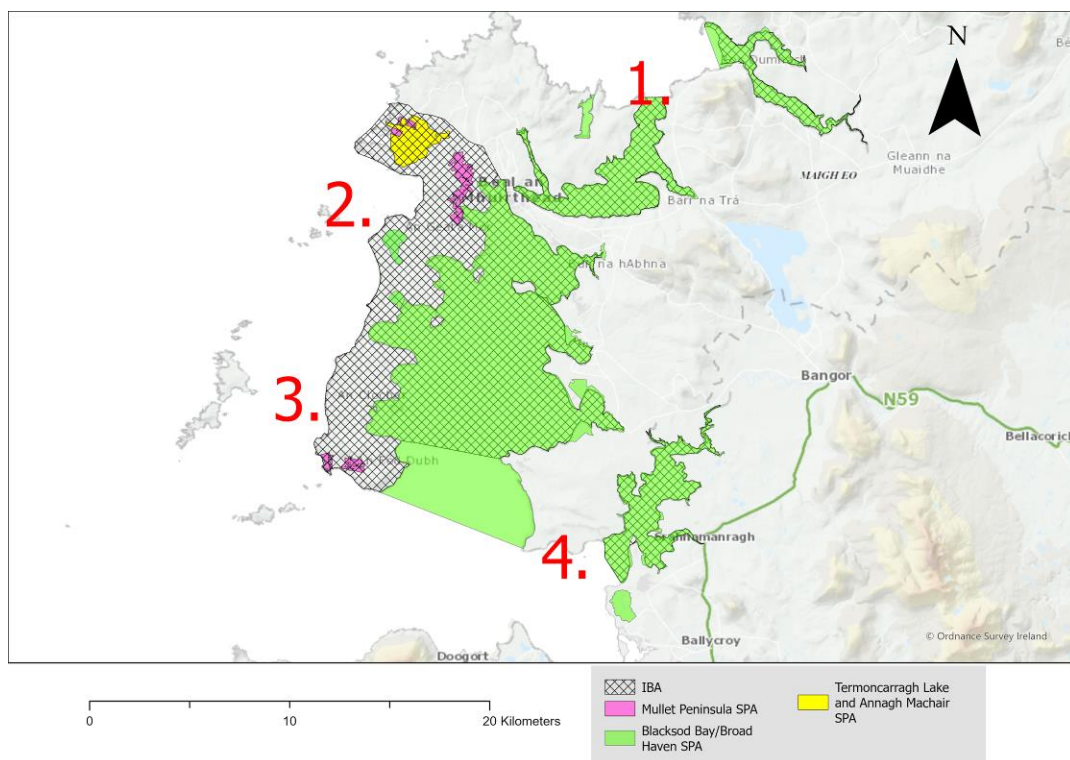


Fig 64a: A comparison of Broadhaven, Blacksod & Tullaghan Bays IBA with the boundary of the latest version of the associated SPAs



Fig 64b: A comparison of Broadhaven, Blacksod & Tullaghan Bays IBA with the boundary of the latest version of the associated SPAs (area 1)

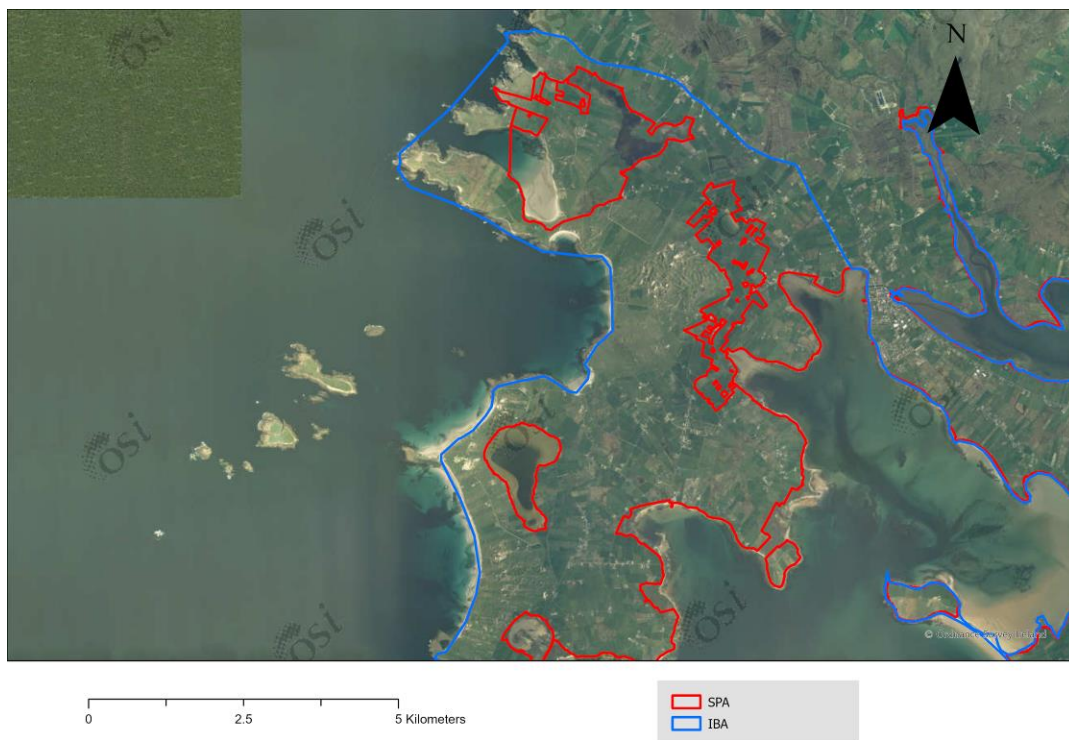




Fig 64c: A comparison of Broadhaven, Blacksod & Tullaghan Bays IBA with the boundary of the latest version of the associated SPAs (area 2)

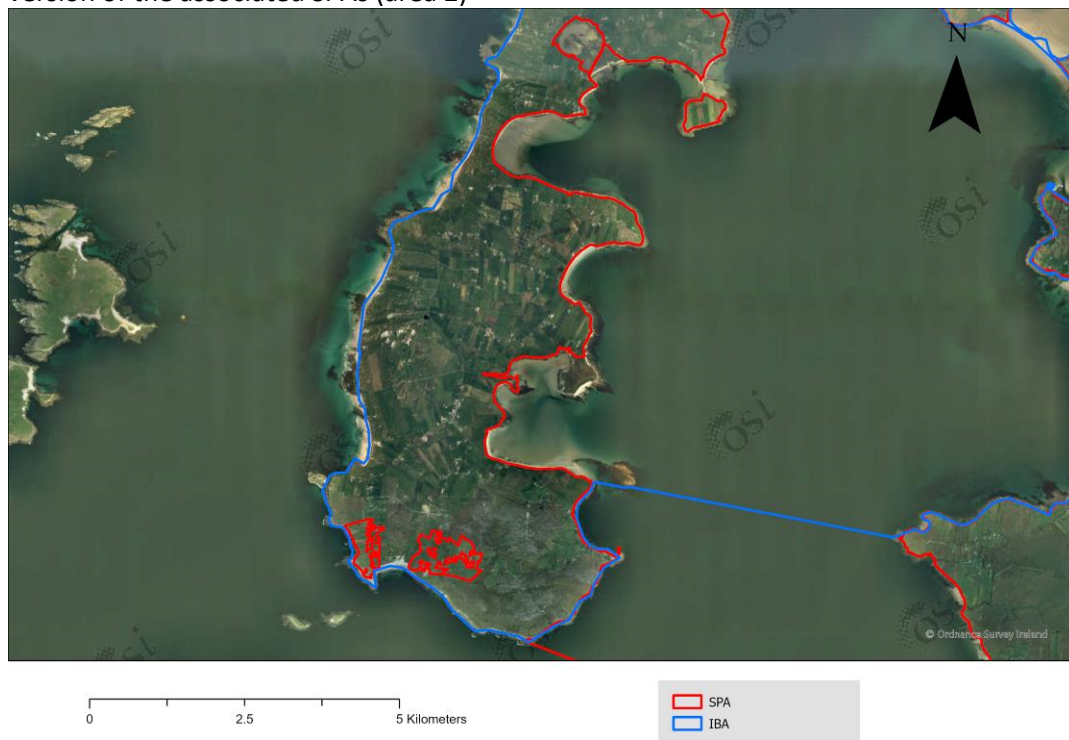


Fig 64d: A comparison of Broadhaven, Blacksod & Tullaghan Bays IBA with the boundary of the latest version of the associated SPAs (area 3)

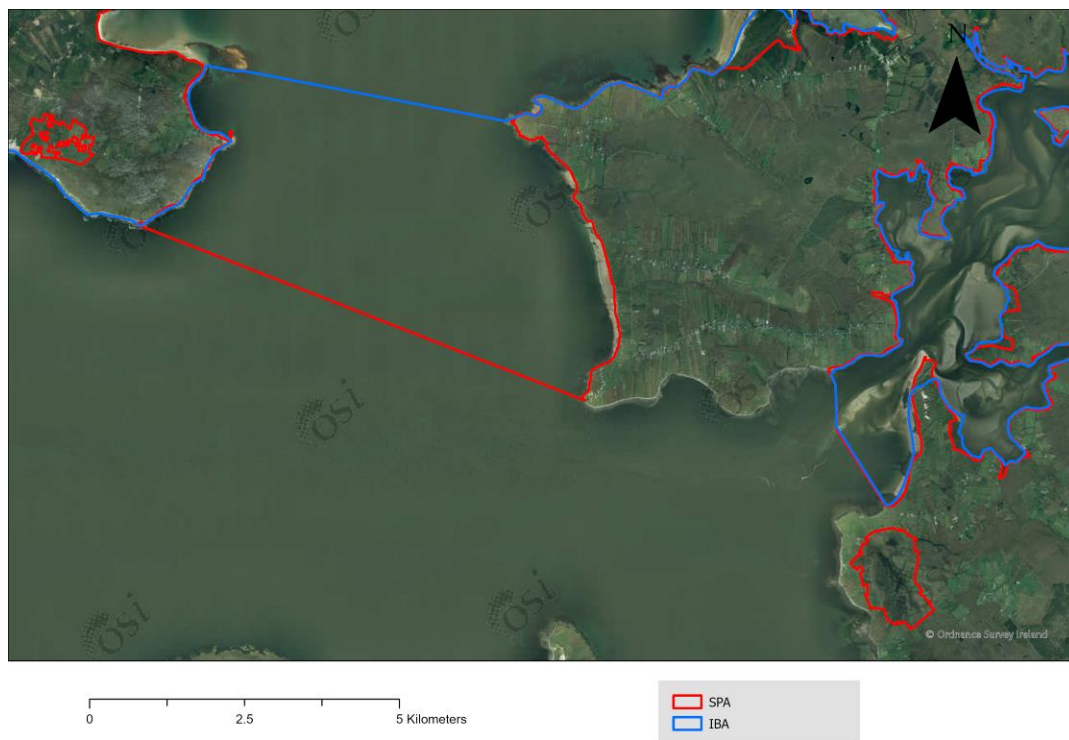


Fig 64e: A comparison of Broadhaven, Blacksod & Tullaghan Bays IBA with the boundary of the latest version of the associated SPAs (area 4)

### The Cull/Killag

The Cull is a long, narrow sea inlet and estuary that is sheltered from the open sea by a shingle-spit with dunes. Killag is now polderland comprised of intensively farmed grassland and arable land. Ballyteige Burrow SPA is smaller than both the old and current version of the corresponding IBA (Table 65a and 65b). The SPA boundary differs from the current IBA boundary in several areas. These differences are highlighted and numbered in Fig 65a (areas 1 to 4) and the numbered areas are mapped individually in Fig 65b to 65e. Areas 1 highlights some minor differences between the IBA and SPA boundary which may be a result due to the mapping of dynamic coastal systems over different time periods. Areas 2 and 3 highlight a section of the site that is covered by the SPA but not the corresponding SPA. Area 4 highlights the biggest difference between the SPA and the IBA. The IBA contains a large section of agricultural land and other features such as a quarry and farm buildings that are not included in the SPA.

Table 65a: Details of Ballyteige Burrow SPA

| SPA Code  | SPA Name              | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------------|---|-----------|---|---|
| IE0004020 | Ballyteige Burrow SPA | Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A046]Shelduck ( <i>Tadorna tadorna</i> ) [A048], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Wetland and Waterbirds [A999] | 660       | <a href="https://www.npws.ie/protected-sites/spa/004020">https://www.npws.ie/protected-sites/spa/004020</a> | <a href="https://www.irishstatutebook.ie/2010/en/si/0383.html">https://www.irishstatutebook.ie/2010/en/si/0383.html</a> |

Table 65b: Details of the Cull/Killag IBA

| IBA Code | IBA Name            | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------------|---|----------------------------|---------------|
| 98       | The Cull/Killag IBA | Bewick's Swan ( <i>Cygnus columbianus</i> ), Brent Goose ( <i>Branta bernicla</i> ), Black-tailed Godwit ( <i>Limosa limosa</i> ), Curlew ( <i>Numenius arquata</i> ) | 896                        | 971.35        |

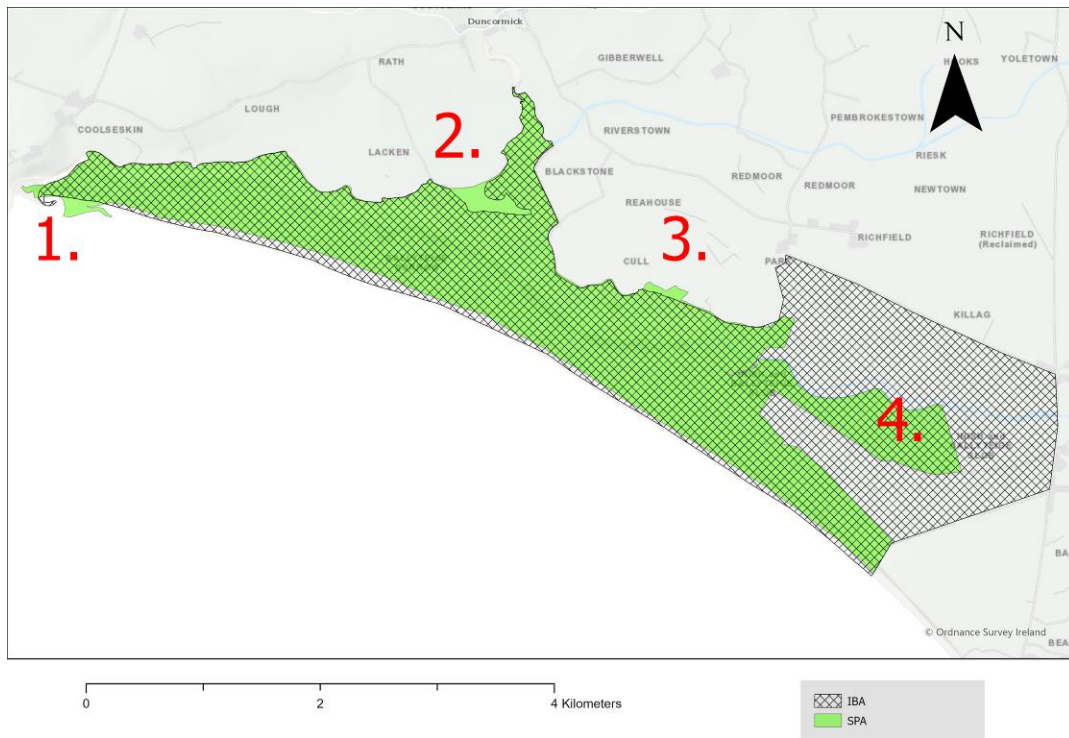


Fig 65a: A comparison of Ballyteige Burrow SPA with the boundary of the latest version of the associated IBA

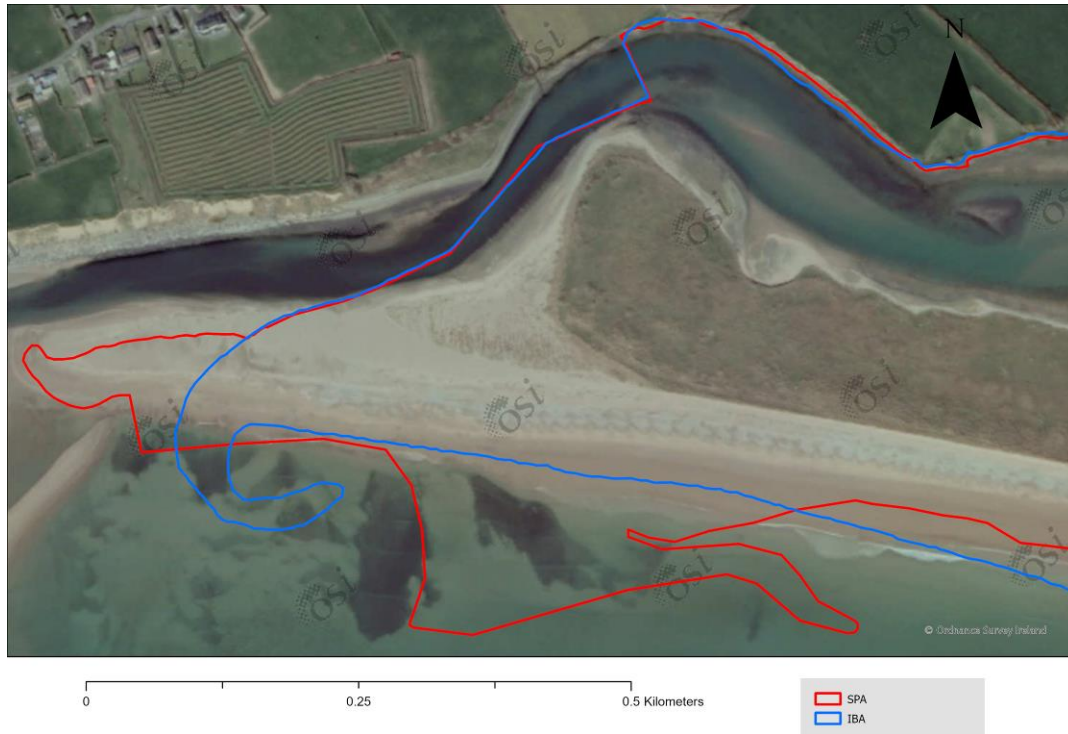


Fig 65b: A comparison of Ballyteige Burrow SPA with the boundary of the latest version of the associated IBA (area 1)





Fig 65c: A comparison of Ballyteige Burrow SPA with the boundary of the latest version of the associated IBA (area 2)



Fig 65d: A comparison of Ballyteige Burrow SPA with the boundary of the latest version of the associated IBA (area 3)



Fig 65e: A comparison of Ballyteige Burrow SPA with the boundary of the latest version of the associated IBA (area 4)

#### River Suck Callows

A long stretch of semi-natural, lowland wet grassland (callows) alongside the River Suck. The River Suck Callows SPA is smaller than the original version of the IBA and similar in size the current version of the IBA (Table 66a, 66b). The boundary of the SPA and the current version of the IBA are very similar with minor differences throughout (areas 1-6, Fig 66a), mostly in relation to field boundaries.

Table 66a: Details of River Suck Callows SPA

| SPA Code  | SPA Name               | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|------------------------|---|-----------|---|---|
| IE0004097 | River Suck Callows SPA | Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Wigeon ( <i>Anas penelope</i> ) [A050], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Greenland White-fronted Goose ( <i>Anser albifrons flavirostris</i> ) | 3182      | <a href="https://www.npws.ie/protected-sites/spa/004097">https://www.npws.ie/protected-sites/spa/004097</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0397.html">https://www.irishstatutebook.ie/2012/en/si/0397.html</a> |

|  |  |                                       |  |  |  |
|--|--|---------------------------------------|--|--|--|
|  |  | [A395], Wetland and Waterbirds [A999] |  |  |  |
|--|--|---------------------------------------|--|--|--|

Table 66b: Details of River Suck callows: Shannonbridge-Castlecoote IBA

| IBA Code | IBA Name  | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---|--|----------------------------|---------------|
| 129      | River Suck callows: Shannonbridge-Castlecoote IBA | Bewick's Swan ( <i>Cygnus columbianus</i> ), Whooper Swan ( <i>Cygnus cygnus</i> ), White-fronted Goose ( <i>Anser albifrons</i> ) | 4,000                      | 3,259         |

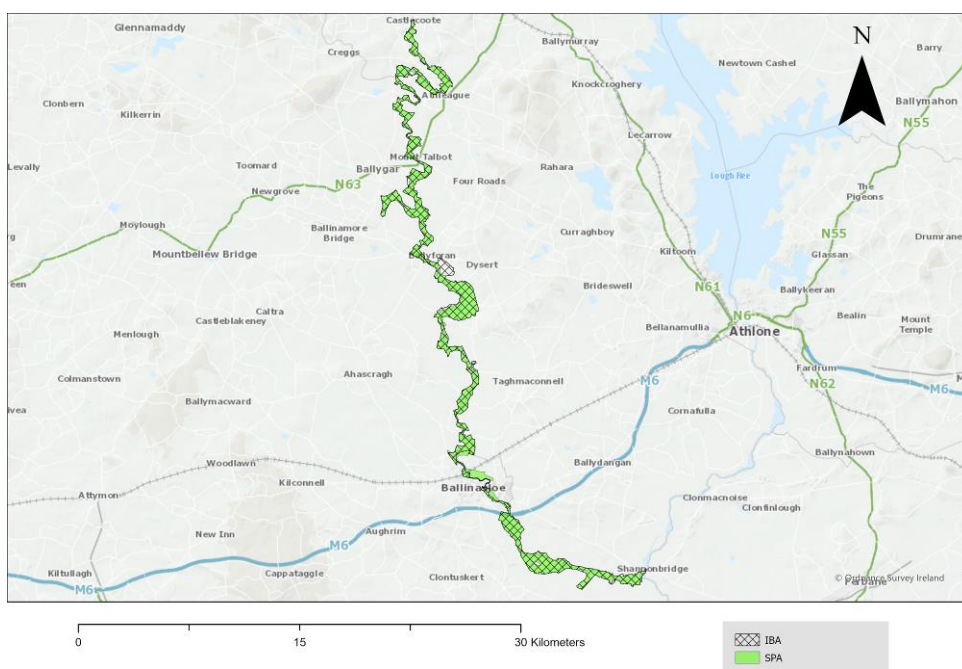


Fig 66: A comparison of River Suck Callows SPA with the boundary of the latest version of the associated IBA

## Lough Gara

Lough Gara is a shallow limestone lake in Counties Sligo and Roscommon. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Therefore, a comparison cannot be made with the current SPA boundary. The SPA (Fig 67) is smaller in area than the original IBA by 98ha (Table 67a, 67b).

Table 67a: Details of Lough Gara SPA

| SPA Code  | SPA Name       | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|----------------|---|-----------|---|---|
| IE0004048 | Lough Gara SPA | Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Greenland White-fronted Goose | 1690      | <a href="https://www.npws.ie/protected-">https://www.npws.ie/protected-</a> | <a href="https://www.irishtatutebook.i">https://www.irishtatutebook.i</a> |



|  |  |  |  |                      |                            |
|--|--|--|--|----------------------|----------------------------|
|  |  | ( <i>Anser albifrons</i><br><i>flavirostris</i> ) [A395] |  | sites/spa/0040<br>48 | e/2011/en/si/0<br>288.html |
|--|--|--|--|----------------------|----------------------------|

Table 67a: Details of Lough Gara IBA

| IBA Code | IBA Name       | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|----------------|---|----------------------------|---------------|
| 36       | Lough Gara IBA | Whooper Swan ( <i>Cygnus Cygnus</i> ), White-fronted Goose ( <i>Anser albifrons</i> ) | 1,788                      | NA            |

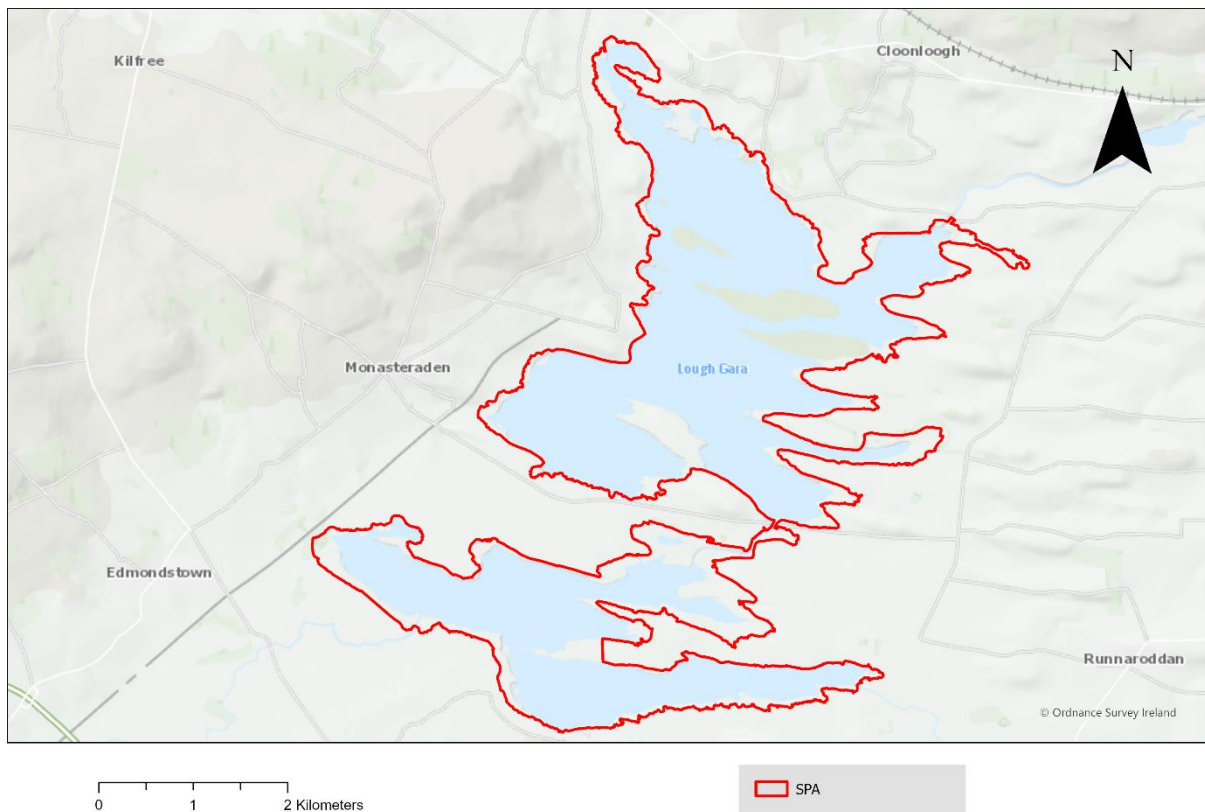


Fig 67: Current boundary of Lough Gara SPA

### Lough Conn/Cullin

This is a wetland complex comprising of two large lakes, with islands, and a diversity of shoreline habitats including fens, marshes, wet grasslands, rocky shorelines and deciduous woodland. While this site was included in the original IBA Inventory for Ireland it is no longer listed as an IBA. Lough Conn and Lough Cullin SPA is much smaller than the Lough Conn and Lough Cullin (including the Moy valley) IBA (Table 68a and 68b). The discrepancy in area between the SPA and the old version of the IBA is largely due to the inclusion of areas within the Moy valley that were previously suitable for Corncrake.

Table 68a: Details of Lough Conn and Lough Cullin SPA

| SPA Code  | SPA Name                        | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------------------------|--|-----------|---|---|
| IE0004228 | Lough Conn and Lough Cullin SPA | Tufted Duck ( <i>Aythya fuligula</i> ) [A061], Common Scoter ( <i>Melanitta nigra</i> ) [A065], Common Gull ( <i>Larus canus</i> ) [A182], Greenland White-fronted Goose ( <i>Anser albifrons flavirostris</i> ) [A395], Wetland and Waterbirds [A999] | 6,458     | <a href="https://www.npws.ie/protected-sites/spa/004228">https://www.npws.ie/protected-sites/spa/004228</a> | <a href="https://www.irishstatutebook.ie/2011/en/si/0590.html">https://www.irishstatutebook.ie/2011/en/si/0590.html</a> |

Table 68b: Details of Lough Conn and Lough Cullin (including the Moy valley) IBA

| IBA Code | IBA Name   | IBA QI                                | Area (Heath & Evans, 2000) | Area (latest) |
|----------|--|---------------------------------------|----------------------------|---------------|
| 47       | Lough Conn and Lough Cullin (including the Moy valley) IBA | Whooper Swan ( <i>Cygnus cygnus</i> ) | 7,227                      | NA            |

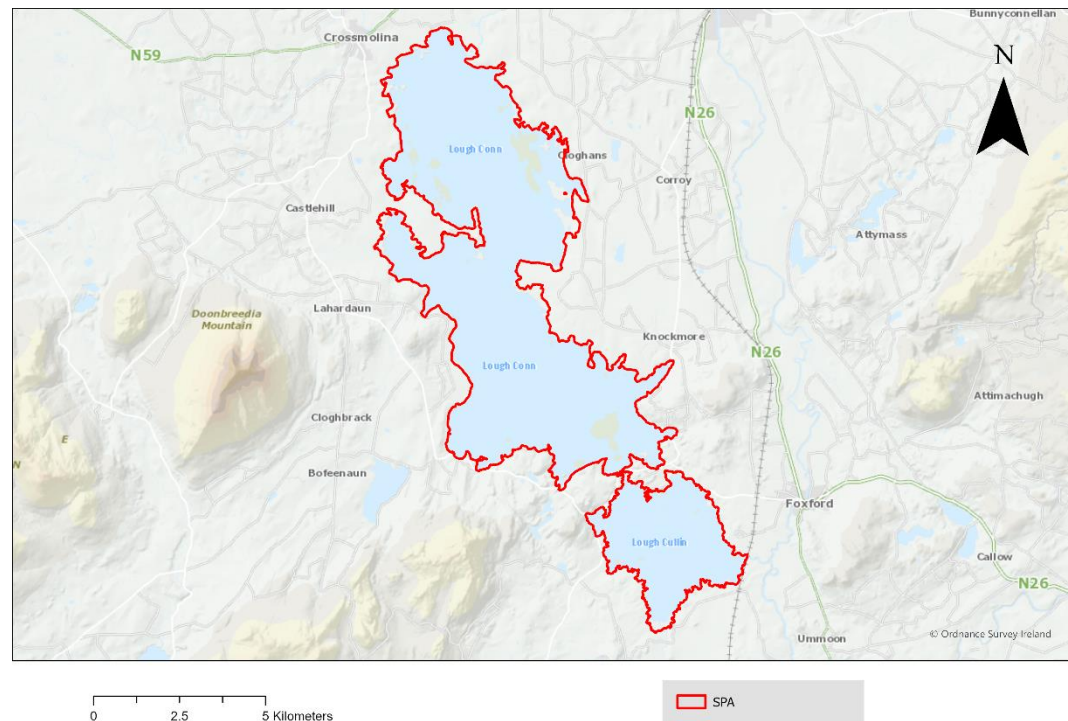


Fig 68: Current boundary of Lough Conn and Lough Cullin SPA

## Lough Corrib

Lough Corrib is situated north of Galway city, and is the second- largest lake in Ireland. Lough Corrib SPA is marginally larger than both the old and current version on the IBA. The boundaries of the SPA and the current IBA are very similar, differences are highlighted in Fig 69a. In general, the SPA takes in more areas of the lake and fringes than the IBA, areas of importance to waterfowl and geese (see areas 1 and 2, Fig 69a). Additionally, the IBA covers the inland areas of a couple of islets in Lough Corrib, see areas 1 and 2, that is not covered in the SPA (Fig 69b and c). The interior of these islands consist of agricultural land that is less suited to species of conservation interest for the SPA. The SPA also includes other wetland habitats that are not covered by the IBA, see area 3 and Fig 69d. Overall, the SPA covers an area of 1,329 ha that is not included in the IBA.

Table 69a: Details of Lough Corrib SPA

| SPA Code  | SPA Name         | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|------------------|--|-----------|---|---|
| IE0004042 | Lough Corrib SPA | Gadwall ( <i>Anas strepera</i> ) [A051], Shoveler ( <i>Anas clypeata</i> ) [A056], Pochard ( <i>Aythya ferina</i> ) [A059], Tufted Duck ( <i>Aythya fuligula</i> ) [A061], Common Scoter ( <i>Melanitta nigra</i> ) [A065], Hen Harrier ( <i>Circus cyaneus</i> ) [A082], Coot ( <i>Fulica atra</i> ) [A125], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Common Gull ( <i>Larus canus</i> ) [A182], Common Tern ( <i>Sterna hirundo</i> ) [A193], Arctic Tern ( <i>Sterna paradisaea</i> ) [A194], Greenland White-fronted Goose ( <i>Anser albifrons flavirostris</i> ) [A395], Wetland and Waterbirds [A999] | 18,624    | <a href="https://www.npws.ie/protected-sites/spa/004042">https://www.npws.ie/protected-sites/spa/004042</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0455.html">https://www.irishstatutebook.ie/2012/en/si/0455.html</a> |

Table 69b: Details of Lough Corrib IBA

| IBA Code | IBA Name         | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|------------------|---|----------------------------|---------------|
| 56       | Lough Corrib IBA | Pochard ( <i>Aythya ferina</i> ), Coot ( <i>Fulica atra</i> ) | 18,240                     | 17,839        |



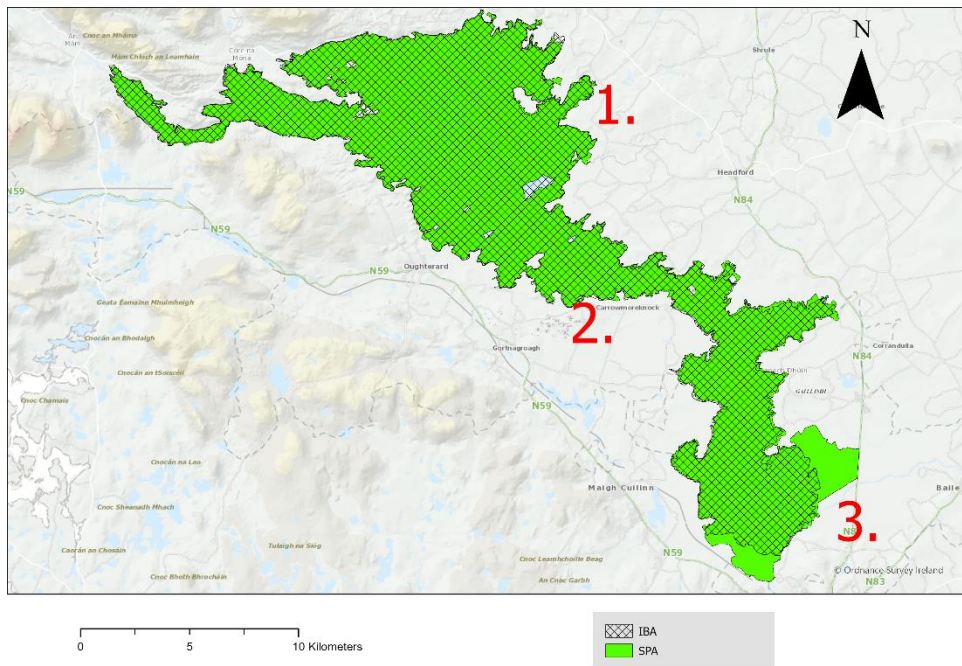


Fig 69a: A comparison of Lough Corrib SPA with the boundary of the latest version of the associated IBA

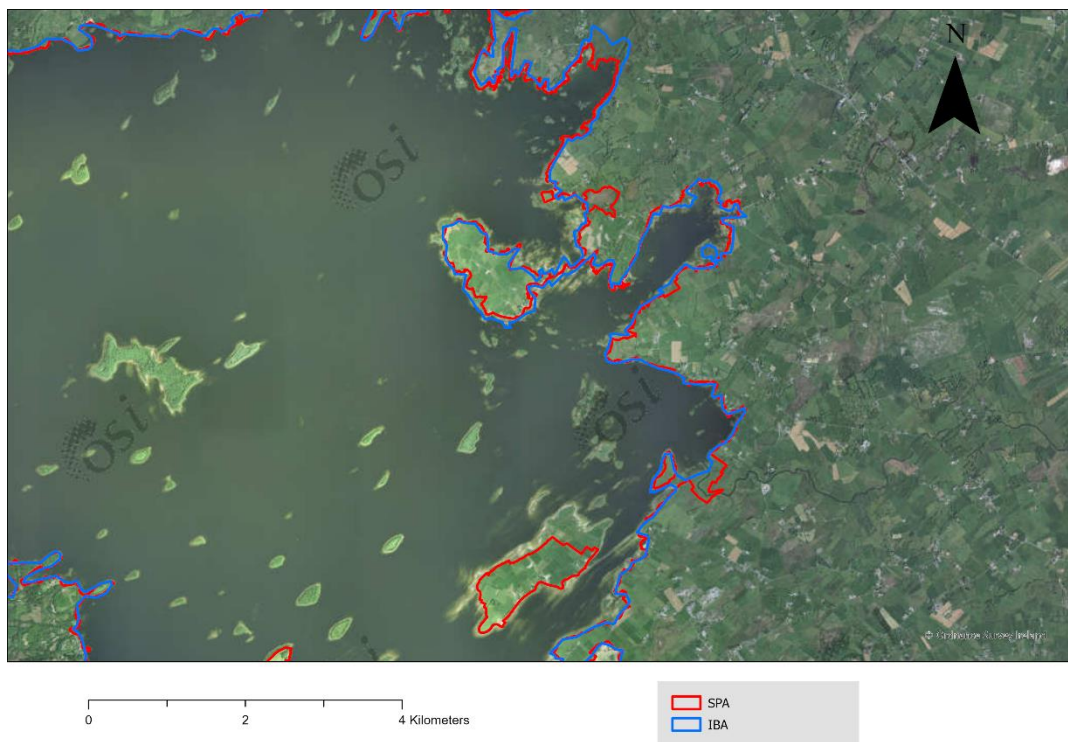


Fig 69b: A comparison of Lough Corrib SPA with the boundary of the latest version of the associated IBA (area 1)

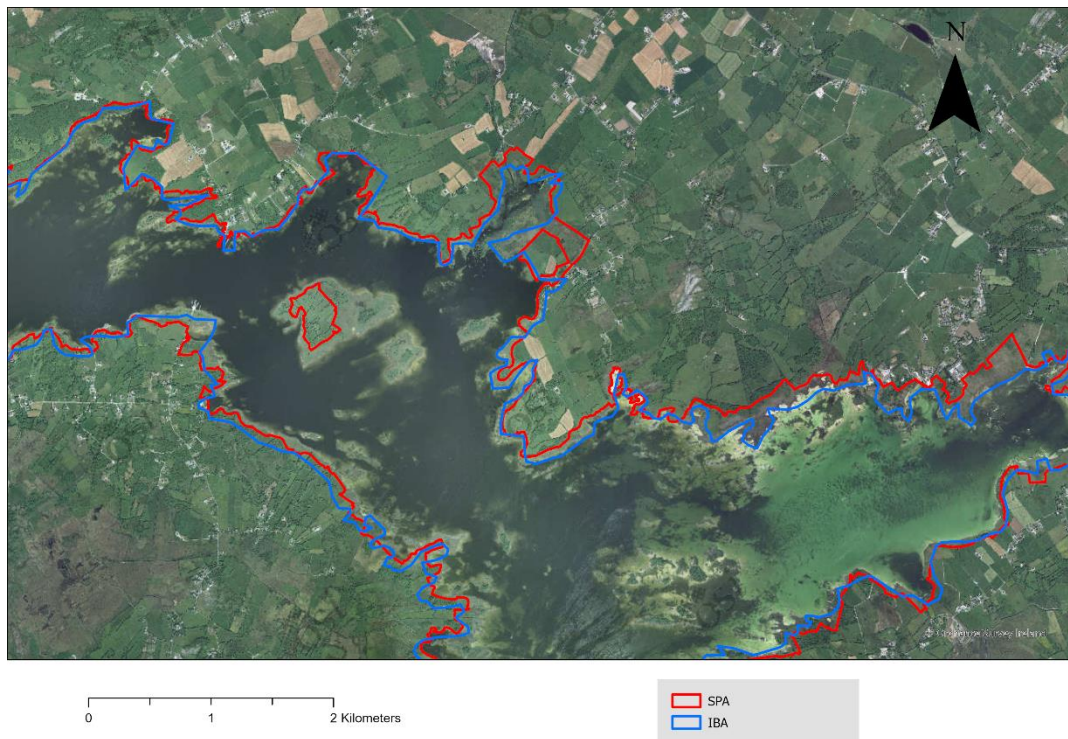


Fig 69c: A comparison of Lough Corrib SPA with the boundary of the latest version of the associated IBA (area 2)

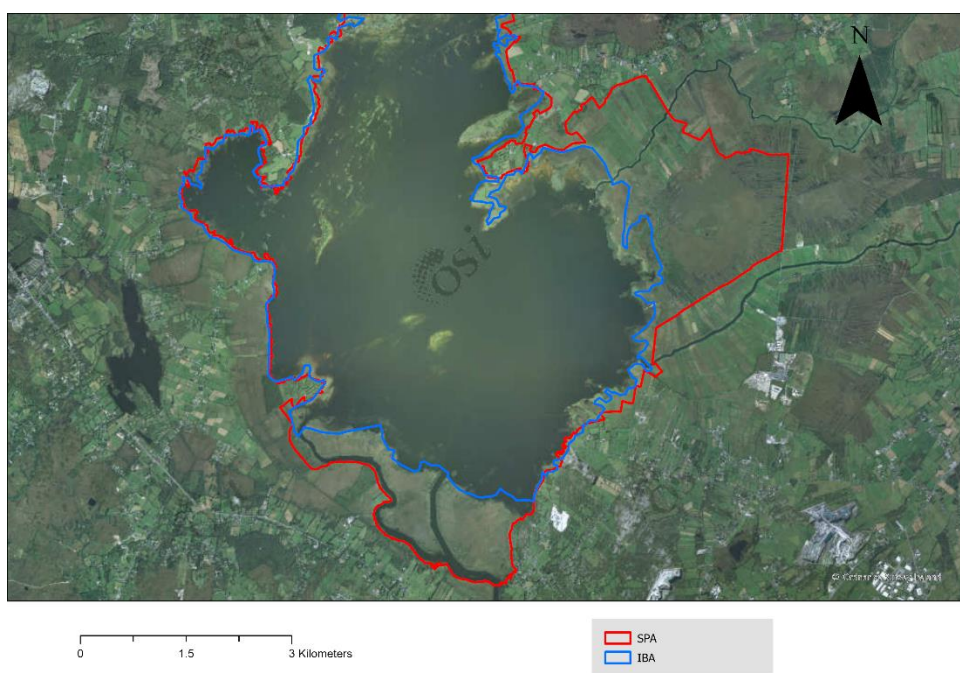


Fig 69d: A comparison of Lough Corrib SPA with the boundary of the latest version of the associated IBA (area 3)

### Rahasane Turlough

Rahasane is a large turlough (karst lake) comprising of marshes, seasonally flooded wet meadows, with limestone outcrops and scrub at its margins. Rahasane Turlough SPA is larger than both the old and current version of the IBA (Table 70a, 70b). The SPA and IBA have similar boundaries with the SPA encompassing more areas of meadows/fields on the southern side of the site, see areas highlighted on Fig 70a and 70b. These are important areas for the species of special conservation interest for the SPA (Table 70a). Overall there are 128 ha of SPA that in addition to areas covered by the IBA.

Table 70a: Details of Rahasane Turlough SPA

| SPA Code  | SPA Name              | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------------|---|-----------|---|---|
| IE0004089 | Rahasane Turlough SPA | Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Wigeon ( <i>Anas penelope</i> ) [A050], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Greenland White-fronted Goose ( <i>Anser albifrons flavirostris</i> ) [A395], Wetland and Waterbirds [A999] | 372       | <a href="https://www.npws.ie/protected-sites/spa/004089">https://www.npws.ie/protected-sites/spa/004089</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0311.html">https://www.irishstatutebook.ie/2012/en/si/0311.html</a> |

Table 70b: Details of Rahasane Turlough

| IBA Code | IBA Name          | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-------------------|--|----------------------------|---------------|
| 58       | Rahasane Turlough | Bewick's Swan ( <i>Cygnus columbianus</i> ), Whooper Swan ( <i>Cygnus cygnus</i> ), Black-tailed Godwit ( <i>Limosa limosa</i> ) | 257                        | 246.13        |



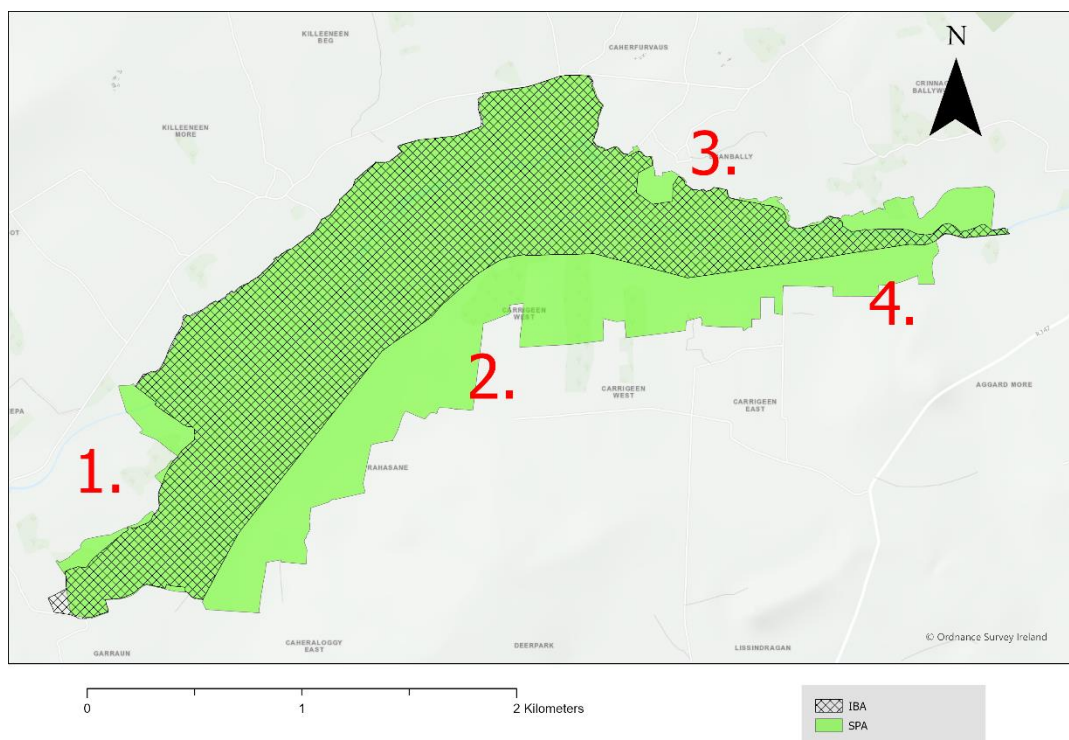


Fig 70a: A comparison of Rahasane Turlough SPA with the boundary of the latest version of the associated IBA

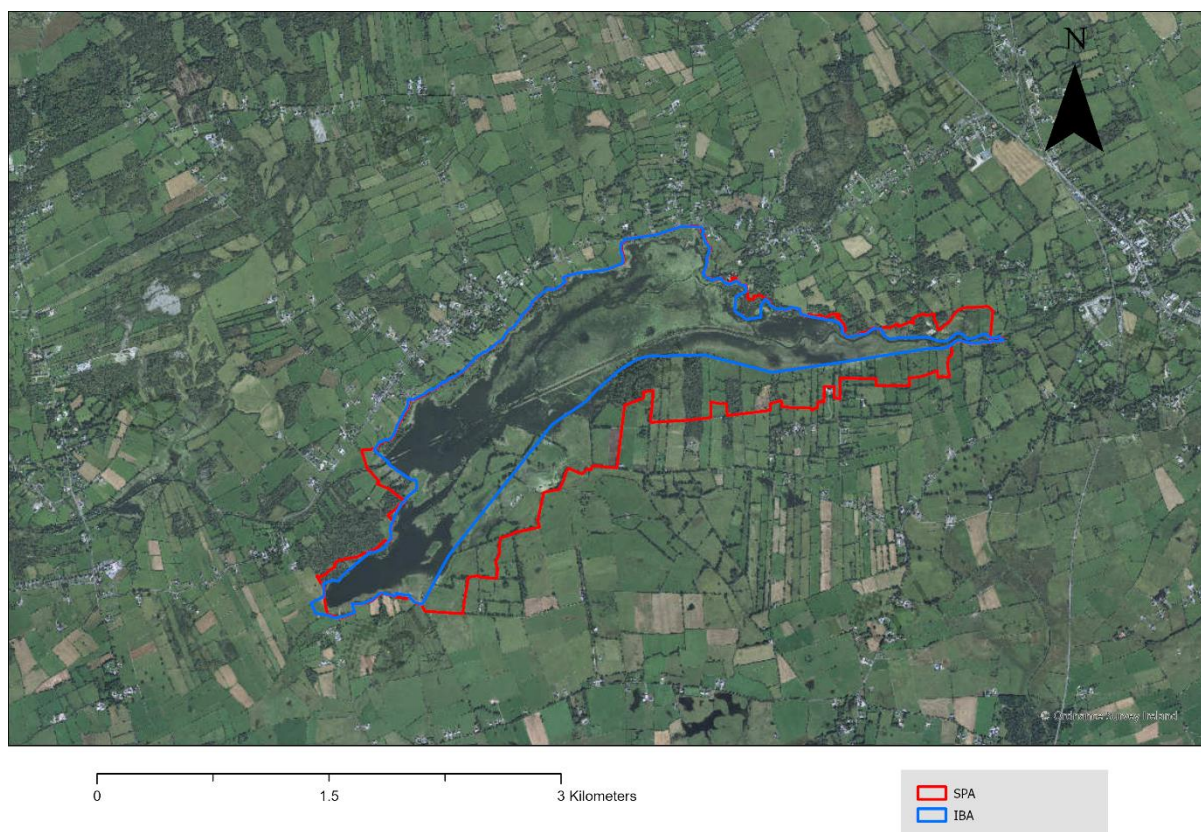


Fig 70b: A comparison of Rahasane Turlough SPA with the boundary of the latest version of the associated IBA

## Shannon Callows

This site encompasses the flood-plain of the River Shannon. The Middle Shannon Callows SPA is very similar in size to both the old and current versions of the IBA with a minor difference of 27 and 9 ha respectively (Table 71a, 71b, Fig 71). Differences in area between the SPA and IBA are a predominantly a result of minor differences of the boundary along field margins.

Table 71a: Details of Middle Shannon Callows SPA

| SPA Code  | SPA Name                   | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|----------------------------|---|-----------|---|---|
| IE0004096 | Middle Shannon Callows SPA | Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Wigeon ( <i>Anas penelope</i> ) [A050], Corncrake ( <i>Crex crex</i> ) [A122], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Wetland and Waterbirds [A999] | 5,815     | <a href="https://www.npws.ie/protected-sites/spa/004096">https://www.npws.ie/protected-sites/spa/004096</a> | <a href="https://www.irishtstatutebook.ie/2012/en/si/0041.html">https://www.irishtstatutebook.ie/2012/en/si/0041.html</a> |

Table 71b: Details of River Shannon callows: Portumna-Athlone IBA

| IBA Code | IBA Name                                    | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---|---|----------------------------|---------------|
| 131      | River Shannon callows: Portumna-Athlone IBA | Bewick's Swan ( <i>Cygnus columbianus</i> ), Whooper Swan ( <i>Cygnus Cygnus</i> ), Corncrake ( <i>Crex crex</i> ), Golden Plover ( <i>Pluvialis apricaria</i> ), Black-tailed Godwit ( <i>Limosa limosa</i> ), Whimbrel ( <i>Numenius phaeopus</i> ), Redshank ( <i>Tringa tetanus</i> ) | 5,788                      | 5,806         |

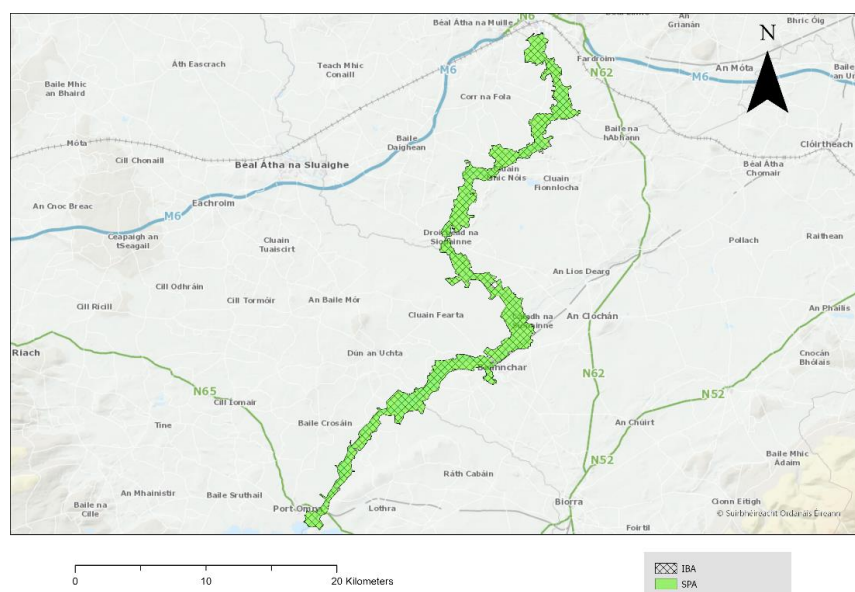


Fig 71: A comparison of Middle Shannon Callows SPA with the boundary of the latest version of the associated IBA

## Inishkea Islands

This site consists two large islands and surrounding rocks, 4 km west of the Mullet peninsula in County Mayo. Inishkea Islands SPA is much larger than the original version of the IBA and very similar in size and shape to the current version of the IBA boundary, a difference of less than one ha (Table 72a and 72b). All suitable terrestrial habitat for species of interest is covered in both IBAs and SPAs (Fig 72). Minor differences between the SPA and IBA occur on site boundaries within the marine area surrounding the island (Fig 72).

Table 72a: Details of Inishkea Islands SPA

| SPA Code  | SPA Name             | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|----------------------|---|-----------|---|---|
| IE0004004 | Inishkea Islands SPA | Shag ( <i>Phalacrocorax aristotelis</i> ) [A018], Barnacle Goose ( <i>Branta leucopsis</i> ) [A045], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Sanderling ( <i>Calidris alba</i> ) [A144], Purple Sandpiper ( <i>Calidris maritima</i> ) [A148], Turnstone ( <i>Arenaria interpres</i> ) [A169], Common Gull ( <i>Larus canus</i> ) [A182], Herring Gull ( <i>Larus argentatus</i> ) [A184], Arctic Tern ( <i>Sterna paradisaea</i> ) [A194], Little Tern ( <i>Sterna albifrons</i> ) [A195], Dunlin ( <i>Calidris alpina schinzii</i> ) [A466] | 1,330     | <a href="https://www.npws.ie/protected-sites/spa/004004">https://www.npws.ie/protected-sites/spa/004004</a> | <a href="https://www.iris.hstatutebook.ie/2011/en/si/0588.html">https://www.iris.hstatutebook.ie/2011/en/si/0588.html</a> |

Table 72b: Details of Inishkea Islands IBA

| IBA Code | IBA Name             | IBA QI                                     | Area (Heath & Evans, 2000) | Area (latest) |
|----------|----------------------|--|----------------------------|---------------|
| 43       | Inishkea Islands IBA | Barnacle Goose ( <i>Branta leucopsis</i> ) | 592                        | 1,330         |

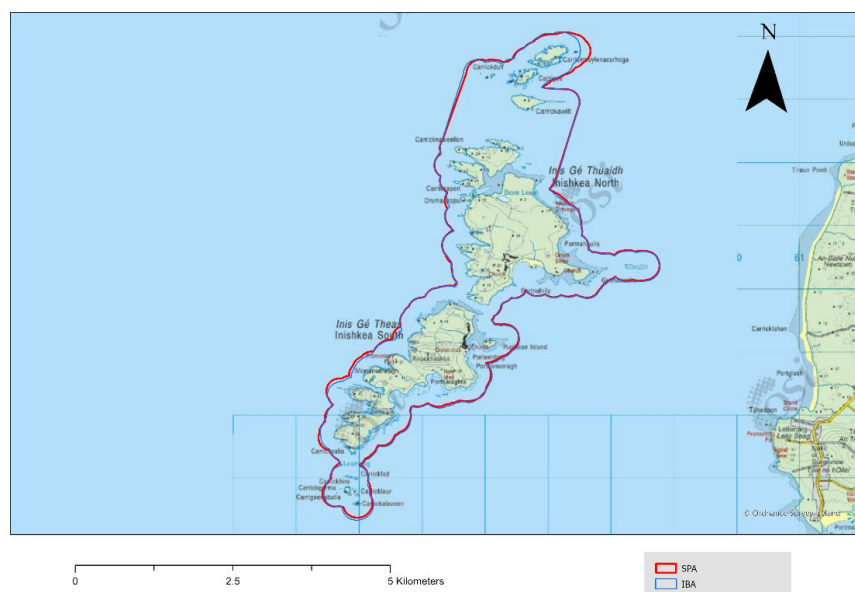


Fig 72: A comparison of the Inishkea Islands SPA with the boundary of the latest version of the associated IBA



## Blasket Islands

A group of large islands off the Dingle peninsula in County Kerry. The Blasket Islands SPA is much larger than both the old and current versions of the IBA (Table 73a, 73b). Both the SPA and current version cover the main islands of the Blaskets. However, the Blasket Islands SPA also covers the marine waters that surround each island (Fig 73). The marine waters adjacent to the islands are important areas for listed seabird species that breed on the islands (Table 73a). Overall, there is 2,848 ha of SPA outside of the current version of the SPA.

Table 73a: Details of Blasket Islands SPA

| SPA Code  | SPA Name            | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------------|---|-----------|---|---|
| IE0004008 | Blasket Islands SPA | Fulmar ( <i>Fulmarus glacialis</i> ) [A009], Manx Shearwater ( <i>Puffinus puffinus</i> ) [A013], Storm Petrel ( <i>Hydrobates pelagicus</i> ) [A014], Shag ( <i>Phalacrocorax aristotelis</i> ) [A018], Lesser Black-backed Gull ( <i>Larus fuscus</i> ) [A183], Herring Gull ( <i>Larus argentatus</i> ) [A184], Kittiwake ( <i>Rissa tridactyla</i> ) [A188], Arctic Tern ( <i>Sterna paradisaea</i> ) [A194], Razorbill ( <i>Alca torda</i> ) [A200], Puffin ( <i>Fratercula arctica</i> ) [A204], Chough ( <i>Pyrrhocorax pyrrhocorax</i> ) [A346] | 3,620     | <a href="https://www.npws.ie/protected-sites/spa/004008">https://www.npws.ie/protected-sites/spa/004008</a> | <a href="https://www.iris.hstatutebook.ie/2010/en/si/0272.html">https://www.iris.hstatutebook.ie/2010/en/si/0272.html</a> |

Table 73b: Blasket Islands IBA

| IBA Code | IBA Name            | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---------------------|--|----------------------------|---------------|
| 73       | Blasket Islands IBA | Manx Shearwater ( <i>Puffinus puffinus</i> ), Storm Petrel ( <i>Hydrobates pelagicus</i> ), Shag ( <i>Phalacrocorax aristotelis</i> ), Lesser Black-backed Gull ( <i>Larus fuscus</i> ), Great Black-backed Gull ( <i>Larus marinus</i> ), Black Guillemot ( <i>Cepphus grylle</i> ), Puffin ( <i>Fratercula arctica</i> ) | 750                        | 778           |

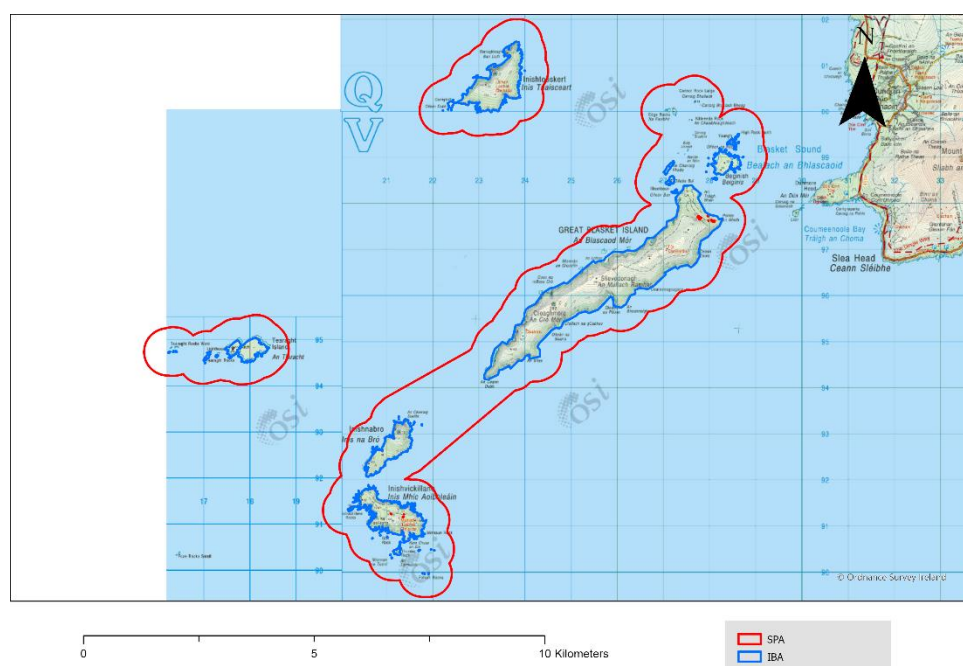


Fig 73: A comparison of the Blasket Islands SPA with the boundary of the latest version of the associated IBA

## Wicklow Mountains

A large upland site of Counties Wicklow and Dublin. The Wicklow Mountains SPA is very similar in size to the original version of the IBA but twice the size of the current version of the IBA. The SPA is over 14,000 ha larger than the current version of the IBA. There are numerous differences between the SPA and IBA boundary (Fig 74). There is 15,813 ha of the SPA with no corresponding IBA. Conversely, there is 1,700 ha of IBA that is not covered by the SPA.

Table 74a: Details of Wicklow Mountains SPA

| SPA Code  | SPA Name              | Special Conservation Interests   | Area (ha) | Further information   | Statutory Instrument  |
|-----------|-----------------------|--|-----------|---|---|
| IE0004040 | Wicklow Mountains SPA | Merlin ( <i>Falco columbarius</i> ) [A098], Peregrine ( <i>Falco peregrinus</i> ) [A103] | 30,014    | <a href="https://www.npws.ie/protected-sites/spa/004040">https://www.npws.ie/protected-sites/spa/004040</a> | <a href="https://www.irishstatutebook.ie/2012/en/si/0586.html">https://www.irishstatutebook.ie/2012/en/si/0586.html</a> |

Table 74b: Details of Wicklow Mountains IBA

| IBA Code | IBA Name              | IBA QI   | Area (Heath & Evans, 2000) | Area (latest) |
|----------|-----------------------|--|----------------------------|---------------|
| 106      | Wicklow Mountains IBA | Merlin ( <i>Falco columbarius</i> ), Peregrine ( <i>Falco peregrinus</i> ) | 30,000                     | 15,908        |

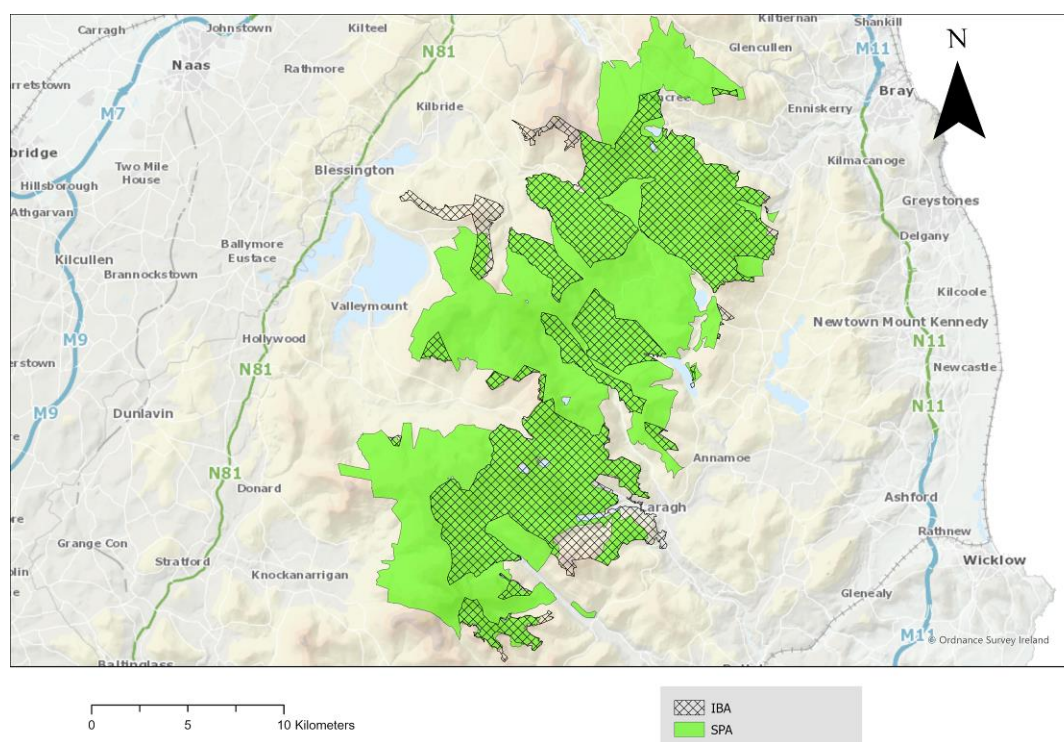


Fig 74: A comparison of the Wicklow Mountains SPA with the boundary of the latest version of the associated IBA

## Roundstone Bog

This is a large complex of lakes, rocky outcrops and blanket bog. The Connemara Bog Complex SPA is much larger than the old version of the IBA but much smaller than the current version of the IBA. The current version of the IBA is over 40,000 ha larger than the previous version of the IBA (Table 75a, 75b). The SPA boundary focuses on areas relevant for species of special conservation interest for the site.

Table 75a: Details of Connemara Bog Complex SPA

| SPA Code  | SPA Name                  | Special Conservation Interests  | Area (ha) | Further information   | Statutory Instrument  |
|-----------|---------------------------|---|-----------|---|---|
| IE0004181 | Connemara Bog Complex SPA | Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Merlin ( <i>Falco columbarius</i> ) [A098], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Common Gull ( <i>Larus canus</i> ) [A182] | 19234     | <a href="https://www.npws.ie/protected-sites/spa/004181">https://www.npws.ie/protected-sites/spa/004181</a> | <a href="https://www.irisishstatutebook.ie/eli/2021/si/390/made/en/pdf">https://www.irisishstatutebook.ie/eli/2021/si/390/made/en/pdf</a> |

Table 75b: Details of Roundstone Bog IBA

| IBA Code | IBA Name  | IBA QI  | Area (Heath & Evans, 2000) | Area (latest) |
|----------|---|---|----------------------------|---------------|
| 55       | Connemara Bogs (south-east), including Roundstone Bog | Merlin ( <i>Falco columbarius</i> ), Golden Plover ( <i>Pluvialis apricaria</i> ), Sandwich Tern ( <i>Sterna sandvicensis</i> ) | 7000                       | 49,211        |

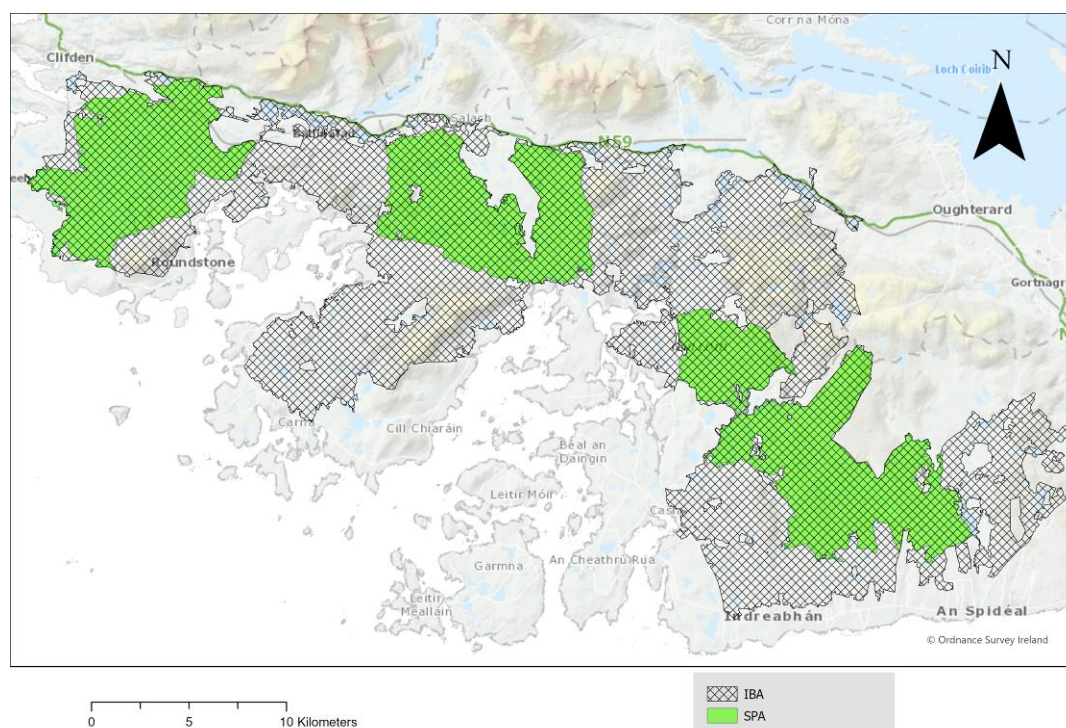


Fig 75: A comparison of Connemara Bog Complex SPA with the boundary of the latest version of the associated IBA



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