



THE IUCN RED LIST  
OF THREATENED SPECIES™



## ***Alca torda (Razorbill)***

### **European Red List of Birds**

### **Supplementary Material**

The European Union (EU27) Red List assessments were based principally on the official data reported by EU Member States to the European Commission under Article 12 of the Birds Directive in 2013-14.

For the European Red List assessments, similar data were sourced from BirdLife Partners and other collaborating experts in other European countries and territories. For more information, see BirdLife International (2015).

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#### **Recommended citation**

BirdLife International (2015) European Red List of Birds. Luxembourg: Office for Official Publications of the European Communities.

#### **Further information**

- <http://www.birdlife.org/datazone/info/euroredlist>
- <http://www.birdlife.org/europe-and-central-asia/european-red-list-birds-0>
- <http://www.iucnredlist.org/initiatives/europe>
- <http://ec.europa.eu/environment/nature/conservation/species/redlist/>

#### **Data requests and feedback**

To request access to these data in electronic format, provide new information, correct any errors or provide feedback, please email [science@birdlife.org](mailto:science@birdlife.org).

*Alca torda* (Razorbill)

**Table 1.** Reported national breeding population size and trends in Europe<sup>1</sup>.

Country (or territory) <sup>2</sup>	Population estimate				Short-term population trend <sup>4</sup>				Long-term population trend <sup>4</sup>				Subspecific population (where relevant)
	Size (individuals) <sup>3</sup>	Europe (%)	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	
Denmark	2,600	<1	2011	good	+	50-100	1999-2011	good	+	100-1000	1980-2011	medium	
DK: Faroe Is	13,500	1	1987	medium	?				?				
DK: Greenland	6,000-12,000	1	2005-2013	medium	?				?				
Estonia	2-20	<1	2008-2012	poor	0	0-10	2001-2012	poor	+	20-50	1980-2012	poor	
Finland	15,800-23,400	2	2006-2012	good	F	0	2001-2012	good	+	76-166	1980-2012	good	
France	72-80	<1	2008-2011	good	+	50-75	2000-2012	good	-	45	1978-2012	good	
Germany	32	<1	2005-2009	good	+	11-40	1998-2009	medium	+	159-528	1985-2009	good	
Iceland	625,000	62	2006-2008	good	-	18	2005-2008	good	-	18	1985-2007	medium	
Rep. Ireland	25,525	3	2012	medium	-	7	2002-2012	medium	+	22	1987-2012	medium	
Norway	50,600	5	2013	medium	?				-	5-10	1983-2013	good	
NO: Svalbard	100	<1	2001-2013	poor	?				?				
Russia	5,000-20,000	1	1995-2000	poor	?				?				
Sweden	48,000-56,000	5	2008-2012	good	+	20-40	2001-2012	medium	+	150-250	1980-2012	medium	
United Kingdom	187,000	20	1998-2002	good	+	8	1999-2011	good	+	126	1986-2000	good	
EU27	279,000-295,000	29		Increasing									
Europe	979,000-1,020,000	100		Decreasing									

<sup>1</sup> See 'Sources' at end of factsheet, and for more details on individual EU Member State reports, see the Article 12 reporting portal at <http://bd.eionet.europa.eu/article12/report>.

<sup>2</sup> The designation of geographical entities and the presentation of the material do not imply the expression of any opinion whatsoever on the part of IUCN or BirdLife International concerning the legal status of any country, territory or area, or of its authorities, or concerning the delimitation of its frontiers or boundaries.

<sup>3</sup> In the few cases where population size estimates were reported in units other than those specified, they were converted to the correct units using standard correction factors.

<sup>4</sup> The robustness of regional trends to the effects of any missing or incomplete data was tested using plausible scenarios, based on other sources of information, including any other reported information, recent national Red Lists, scientific literature, other publications and consultation with relevant experts.

<sup>5</sup> Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

<sup>6</sup> Trend magnitudes are rounded to the nearest integer.

## Trend maps

A symbol appears in each country where the species occurs: the shape and colour of the symbol represent the population trend in that country, and the size of the symbol corresponds to the proportion of the European population occurring in that country.

### KEY

- |                                  |                                  |
|----------------------------------|----------------------------------|
| ▲ Large increase ( $\geq 50\%$ ) | ▼ Large decrease ( $\geq 50\%$ ) |
| ▲ Moderate increase (20–49%)     | ▼ Moderate decrease (20–49%)     |
| ▲ Small increase (<20%)          | ▼ Small decrease (<20%)          |
| ↑ Increase of unknown magnitude  | ↓ Decrease of unknown magnitude  |

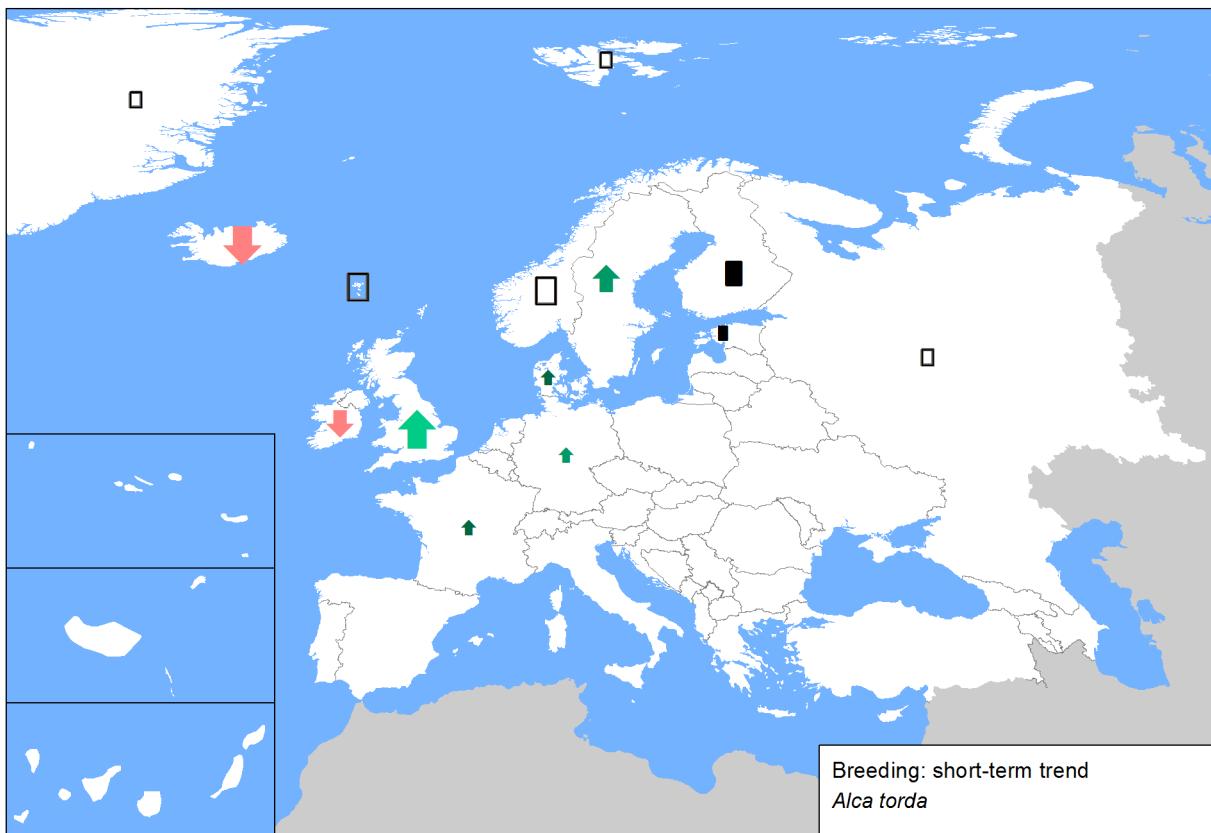
- Stable or fluctuating
- Unknown
- Present (no population or trend data)
- ✗ Extinct since 1980

Each symbol, with the exception of Present and Extinct, may occur in up to three different size classes, corresponding to the proportion of the European population occurring in that country.

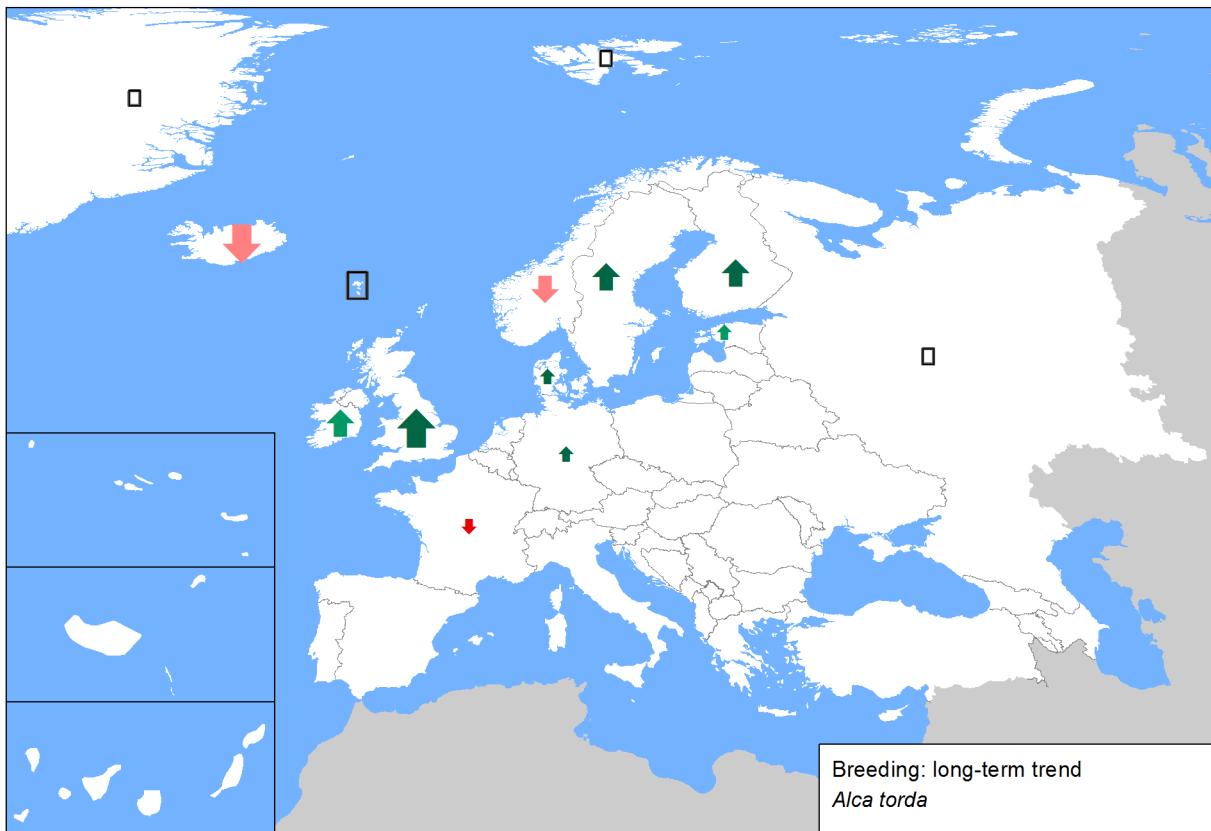
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small: <1% of the European population

The designation of geographical entities and the presentation of the material do not imply the expression of any opinion whatsoever on the part of IUCN or BirdLife International concerning the legal status of any country, territory or area, or of its authorities, or concerning the delimitation of its frontiers or boundaries.

**Figure 1.** Breeding population sizes and short-term trends across Europe.



**Figure 2.** Breeding population sizes and long-term trends across Europe.



## Sources

### Denmark

<b>Breeding population size:</b> Ekspertvurdering foretaget af Dansk Ornitoligisk Forening på baggrund af tidligere publicerede oplysninger, modtagne oplysninger og data i <a href="http://www.dofbasen.dk">www.dofbasen.dk</a> (Knud N. Flensted).
<b>Breeding short-term trend:</b> BIRDLIFE INTERNATIONAL (2004) Birds in Europe: population estimates, trends and conservation status. Wageningen, The Netherlands: BirdLife International. (BirdLife Conservation Series No. 12) complete survey in 2011
<b>Breeding long-term trend:</b> BIRDLIFE INTERNATIONAL (2004) Birds in Europe: population estimates, trends and conservation status. Wageningen, The Netherlands: BirdLife International. (BirdLife Conservation Series No. 12) Grell, Michael Borch (1998): Fuglenes Danmark. Gads forlag i samarbejde med Dansk Ornitoligisk Forening. Olsen, Klaus Malling (1992): Danmarks fugle –en oversigt. Dansk Ornitoligisk Forening. Complete survey in 2011

### DK: Faroe Is

<b>Breeding population size:</b> BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. BirdLife International, Cambridge, UK. TemaNord (2010) Action plan for seabirds in Western-Nordic areas. Nordic Council of Ministers, Copenhagen. Berglund & Hentati-Sundberg (2014) Arctic seabirds breeding in the African-Eurasian Waterbird Agreement (AEWA) area: status and trends 2014. Wetlands International and UNEP/AEWA. Hammer et al. (2014) Færøsk trækfugleatlas [Faroese bird migration atlas]. Fróðskapur / Faroe University Press, Tórshavn.
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### DK: Greenland

<b>Breeding population size:</b> Boermann, D., Mosbech, A., Bjerrum, M., Labansen, A.L. and F. Merkel F. 2010. The Greenland seabird colony register. Poster at 1st Seabird World Conference, Victoria 7-11 Sept. 2010.
<b>Breeding short-term trend:</b> Boermann, D., Mosbech, A., Bjerrum, M., Labansen, A.L. & Merkel F. 2010. The Greenland seabird colony register. – Poster at 1st Seabird World Conference, Victoria 7-11 Sept. 2010.
<b>Breeding long-term trend:</b> Boermann, D., Mosbech, A., Bjerrum, M., Labansen, A.L. & Merkel F. 2010. The Greenland seabird colony register. – Poster ved 1st Seabird World Conference, Victoria 7-11 Sept. 2010.

### Estonia

<b>Breeding population size:</b> Elts, J., Leito, A., Leivits, A., Luigjõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112. URL: <a href="http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf">http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf</a>
<b>Breeding short-term trend:</b> Elts, J., Leito, A., Leivits, A., Luigjõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112. URL: <a href="http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf">http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf</a>
<b>Breeding long-term trend:</b> Elts, J., Leito, A., Leivits, A., Luigjõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112. URL: <a href="http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf">http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf</a>

### Finland

<b>Breeding population size:</b> Archipelago Bird Census data.
<b>Breeding short-term trend:</b> Archipelago Bird Census data.
<b>Breeding long-term trend:</b> Archipelago Bird Census data.

### France

<b>Breeding population size:</b> Cadiou B., Jacob Y., Le Nuz M., Quénot F., Yésou P. & Février Y. 2012 Bilan de la saison de reproduction des oiseaux marins en Bretagne en 2011., Brest, 35 p.
<b>Breeding short-term trend:</b> Dupuis, V. & coordinateurs espèces 2012 Les Oiseaux nicheurs rares & menacés en 2011, p. 289-325 Cadiou B., Jacob Y., Le Nuz M., Quénot F., Yésou P. & Février Y. 2012 Bilan de la saison de reproduction des oiseaux marins en Bretagne en 2011., Brest, 35 p. Cadiou B., Pons J.-M. & Yésou P. (éds) 2004 Oiseaux marins nicheurs de France métropolitaine (1960-2000)., Mèze, éditions Biotope, 218 p.
<b>Breeding long-term trend:</b> Dupuis, V. & coordinateurs espèces 2012 Les Oiseaux nicheurs rares & menacés en 2011, p. 289-325 Cadiou B., Jacob Y., Le Nuz M., Quénot F., Yésou P. & Février Y. 2012 Bilan de la saison de reproduction des oiseaux marins en Bretagne en 2011., Brest, 35 p. Cadiou B., Pons J.-M. & Yésou P. (éds) 2004 Oiseaux marins nicheurs de France métropolitaine (1960-2000)., Mèze, éditions Biotope, 218 p.

### Germany

<b>Breeding population size:</b> Gedeon, K., C. Grüneberg, A. Mitschke & C. Sudfeldt (in Vorb.): Atlas Deutscher Brutvogelarten. SVD & DDA, Münster.
<b>Breeding short-term trend:</b> Dachverband Deutscher Avifaunisten e.V.
<b>Breeding long-term trend:</b> Monitoring seltener Brutvögel

### Iceland

<b>Breeding population size:</b> Arnþór Garðarsson ofl. in press (Blik 33)
<b>Breeding short-term trend:</b> Arnþór Garðarsson ofl. in press (Blik 33)
<b>Breeding long-term trend:</b> Arnþór Garðarsson ofl. in press (Blik 33); The Icelandic Institute of Natural History

### Republic of Ireland

<b>Breeding population size:</b> Mitchell, P. Ian, Newton, S.F., Ratcliffe, N. & Dunn, T.E. (2004) Seabird populations of Britain and Ireland. Results of the Seabird 2000 Census (1998-2002). T & AD Poyser, London. Expert opinion and unpublished data: S. Newton, BirdWatch Ireland; <a href="http://www.birdwatchireland.ie">http://www.birdwatchireland.ie</a> .
<b>Breeding short-term trend:</b> Mitchell, P. Ian, Newton, S.F., Ratcliffe, N. & Dunn, T.E. (2004) Seabird populations of Britain and Ireland. Results of the Seabird 2000 Census (1998-2002). T & AD Poyser, London. Expert opinion and unpublished data: S. Newton, BirdWatch Ireland; <a href="http://www.birdwatchireland.ie">http://www.birdwatchireland.ie</a> .
<b>Breeding long-term trend:</b> Lloyd, C., Tasker, M.L. & Partridge, K. (1991) The status of Seabirds in Britain and Ireland. T & AD Poyser, London. Expert opinion and unpublished data: S. Newton, BirdWatch Ireland; <a href="http://www.birdwatchireland.ie">http://www.birdwatchireland.ie</a> .

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### Norway

**Breeding population size:** The Norwegian Monitoring programme for seabirds, Svein-Håkon Lorentsen pers.comm.

**Breeding short-term trend:** The Norwegian Monitoring programme for seabirds, Svein-Håkon Lorentsen pers.comm.

**Breeding long-term trend:** The Norwegian Monitoring programme for seabirds, Svein-Håkon Lorentsen pers.comm.

### NO: Svalbard

**Breeding population size:** 1). Norwegian Polar Institute unpublished data. 2). Bangjord, G., Haugskott, T. & Hammer, S. 2013. Svalbard birds - a basic field guide. Longyearbyen Field Biological Society. 124 pages.

**Breeding short-term trend:** Norwegian Polar Institute (unpublished)

### Russia

**Breeding population size:** Bianki V.V., Kohanov V.D., Koryakin A.S., Krasnov Yu.V., Paneva T.D., Tatarinkova I.P., Chemyakin R.G., Shklyarevich F.N., Shutova E.V. 1993. Birds of Kola-White Sea Region. - Russian Ornithological Magazine, express-issue, 22 (4): 491-586 (in Russian). Krasnov, Yu.V., Matishov, G.G., Galaktionov, K.V., Savinova, T.N. 1995. The colonial seabirds of Murman. St. Petersburg: Nauka Publishers, 224 pp. (In Russian).

### Sweden

**Breeding population size:** Ottosson, U., Ottvall, R., Elmberg, J., Green, M., Gustafsson, R., Haas, F., Holmqvist, N., Lindström, Å., Nilsson, L., Svensson, M., Svensson, S. & Tjernberg, M. 2012. Fåglarna i Sverige - antal och förekomst. Sveriges Ornitolologiska Förening, Halmstad.

**Breeding short-term trend:** Swedish Bird Survey (Svensk Fågeltaxering), Lund University.

**Breeding long-term trend:** Swedish Bird Survey (Svensk Fågeltaxering), Lund University.

### United Kingdom

**Breeding population size:** Merne, O.J. & Mitchell, P.I. 2004. Razorbill Alca torda. Pp. 364-376. In: Mitchell, P.I., Newton, S., Ratcliffe, N. & Dunn, T.E. (eds.) Seabird populations of Britain and Ireland. T. & A.D. Poyser.

**Breeding short-term trend:** JNCC 2012. Seabird population trends and causes of change: 2012 report (<http://www.jncc.defra.gov.uk/page-3201>). Joint Nature Conservation Committee. Updated July 2012.

**Breeding long-term trend:** Lloyd, C., Tasker, M.L. & Partridge, K. 1991. The status of seabirds in Britain and Ireland. London, T. & A.D. Poyser. 355 pp. Merne, O.J. & Mitchell, P.I. 2004. Razorbill Alca torda. Pp. 364-376. In: Mitchell, P.I., Newton, S., Ratcliffe, N. & Dunn, T.E. (eds.) Seabird populations of Britain and Ireland. T. & A.D. Poyser.

## Bibliography

- Bradbury, G., Trinder, M., Furness, B., Banks, A.N., Caldow, R.W.G. and Hume, D. 2014. Mapping Seabird Sensitivity to Offshore Wind Farms. *PLoS ONE* 9 (9): e106366. doi:10.1371/journal.pone.0106366.
- Furness, R.W., Wade, H.M. and Masden, E.A. 2013. Assessing Vulnerability of Marine Bird Populations to Offshore Wind Farms. *Journal of Environmental Management* 119 (April):56–66.
- García-Barcelona S. and Murcia F.J. 2010. Incidencia de las redes de pesca en los álcidos. *Observatorio. Quercus* 295: 50-53.
- ICES. 2010. Report of the Working Group on Seabird Ecology (WGSE). 15–19 March 2010, Copenhagen, Denmark. ICES CM 2010/SSGEF:10. 83pp.
- Mendel, B., Sonntag, N., Wahl, J., Schwemmer, P., Dries, H., Guse, N., Müller, S. and S. Garthe. 2008. Artensteckbriefe von See- und Wasservögeln der deutschen Nord- und Ostsee – Verbreitung, Ökologie und Empfindlichkeiten gegenüber Eingriffen in ihren marinens Lebensraum. *Naturschutz und Biologische Vielfalt* 59, Bundesamt für Naturschutz, Bonn.
- Nettleship, D.N. 1996. Razorbill (*Alca torda*). In: del Hoyo, J., Elliott, A., Sargatal, J., Christie, D.A. & de Juana, E. (eds.) 2014. *Handbook of the Birds of the World Alive*. Lynx Edicions, Barcelona.
- Nordiska Ministerrådet 2010. Action Plan for Seabirds in Western-Nordic Areas - Report from a Workshop in Malmö, Sweden, 4-5 May 2010. Nordic Council of Ministers' publishing house. Copenhagen. <http://site.ebrary.com/id/10570195>.
- Sandvik, H., Erikstad, K.E., Barrett, R.T. and Yoccoz, N.G. 2005. The Effect of Climate on Adult Survival in Five Species of North Atlantic Seabirds. *Journal of Animal Ecology* 74 (5): 817–31.
- Skov, H., Heinänen, S., Žydelis, R., Bellebaum, J., Bzoma, S., Dagys, M., Durinck, J., Garthe, S., Grishanov, G., Hario, M., Kieckbusch, J.J., Kube, J., Kuresoo, A., Larsson, K., Luigujo, L., Meissner, W., Nehls, H.W., Nilsson, L., Petersen, I.K., Roos, M.M., Pihl, S., Sonntag, N., Stock, A., Stipniece, A., Wahl, J. 2011. *Waterbird Populations and Pressures in the Baltic Sea*. TemaNord, Copenhagen.
- Sonntag, N., Schwemmer, H., Fock, H., Bellebaum, J. and Garthe, S. 2012. Seabirds, set nets and conservation management: assessment of conflict potential and vulnerability of birds to bycatch in gill nets. *ICES Journal of Marine Science* 69(4): 578–589.
- Hammer, S. Jensen, J-K., Petersen, K.T. and Thorup, D.B.K. 2014. *Færøsk Trækfugleatlas. The Faroese Bird Migration Atlas*. Tórshavn: Faroe University Press.
- Tucker, G.M. and Heath, M.F. 1994. *Birds in Europe: their conservation status*. BirdLife Conservation Series no. 3, BirdLife International, Cambridge.
- Underwood, L.A. and Stowe, T.J. 1984. Massive wreck of seabirds in eastern Britain, 1983. *Bird Study* 31(2):79-88.
- Žydelis, R., Small, C. and French, G. 2013. The incidental catch of seabirds in gillnet fisheries: A global review. *Biological Conservation* 162: 76–88.