

**Appendix C** Tables summarizing sources for cetacean records within north-western Africa.

**C.1.**

Sources	Type of data	Study area	Period covered	No of species	No of records
Báez <i>et al.</i> 2020	OPOs (commercial fishing vessels) ( <i>Physeter macrocephalus</i> )	Mauritania to Congo <sup>1</sup>	Jan 2003 to Dec 2016	1 (1)	47s
Baines & Reichelt 2014	OPOs (seismic surveys)	Mauritania	Nov 2012 to Jan 2013	15 (15)	236s + 2ns
Bamy <i>et al.</i> 2010	Inventory (cetacean species)	Guinea	1953-2008	9 (9)	4s + 10ns
Benchoucha <i>et al.</i> 2018	Stranding ( <i>Kogia sima</i> )	Morocco	Apr 2015	1 (1)	1ns
Boisseau <i>et al.</i> 2007	Dedicated surveys (vessel) + Acoustic ( <i>Phocoena phocoena</i> )	Morocco to Mauritania	Apr to May 2005	1 (1)	7s + 50ns
Boisseau <i>et al.</i> 2010	Dedicated surveys (vessel)	Morocco to South Adriatic <sup>2</sup>	Morocco block: Apr 2005	6 (6)	16s
Bowman Bishaw Goham 2003	Report (EIA)	Mauritania	Mar 2003	8 (8)	19s
Camphuysen 2000	Report (cruise)	Morocco to Senegal	Jan 2000	11 (11)	71s
Camphuysen <i>et al.</i> 2012	Report (cruise)	Mauritania	Nov to Dec 2012	10 (10)	63s
Correia <i>et al.</i> 2019a	OPOs (commercial routes)	Morocco to Senegal	Surveys: May to Oct 2015 Feb + Aug to Dec 2016 Jun to Sep 2017	20 (20)	456s <sup>a</sup>
Djiba <i>et al.</i> 2015	OPOs (fishing research vessel)	Morocco to Guinea	Surveys: Oct to Dec 2011 May to Jul 2012 May 2013	18 (18)	281s + 19ns
Expósito & Qnimba 2010	Ship trip	Morocco to Canaries <sup>2</sup>	Sep 2010	4 (3)	5s
Gray & Van Waerebeek 2011	Dolphin response to 3D seismic explorations	Liberia	18 <sup>th</sup> March 2009	2 (2)	14s
Hammond & Lockyer 1988	Review ( <i>Orcinus orca</i> )	Equator to British Isles (+ Mediterranean and Baltic seas) <sup>3</sup>	1950-1988	1 (1)	38s <sup>b</sup> + 8ns
Jefferson <i>et al.</i> 1997	Review (cetacean species)	Strait Gibraltar to Congo (+ Madeira, Canaries and Cape Verde) <sup>3</sup>	Non-specified	18 (5)	10s <sup>c</sup> + 9ns
Jung <i>et al.</i> 2016	Stranding ( <i>Balaenoptera omurai</i> )	Mauritania	Nov 2013	1 (1)	1ns
Leeney <i>et al.</i> 2016	Dedicated surveys (vessel) + review ( <i>Tursiops truncatus</i> and <i>Sousa teuszii</i> )	Guinea-Bissau	Survey: Feb to Apr 2008 Review: 1761 to 2009	10 (10)	149s + 1ns
Lydersen <i>et al.</i> 2020	Tagging ( <i>Balaenoptera physalus</i> )	Norway to Morocco <sup>2</sup>	Nov to Dec 2019	1 (1)	1ns
Masski & de Stéphanis 2015	Strandings database	Morocco and Canaries <sup>2</sup>	1980 to 2009	27 (3)	9ns
Moore <i>et al.</i> 2010	Interview survey (fishing effort and by-catch)	Africa, Asia, Caribbean <sup>4</sup>	2007 to 2008	4 (0)	QO
Mullié <i>et al.</i> 2013	Strandings	Mauritania	Nov 2012 Jan to Feb 2013 Apr to May 2013	5 (5)	28ns

Notarbartolo di Sciara <i>et al.</i> 1997	Report on birth at sea ( <i>Pseudorca crassidens</i> )	Morocco	1995	1 (1)	2s
Pinela <i>et al.</i> 2010	Samples collected opportunistically (stable isotope analyses)	Mauritania	1990 to 2008	12 (12)	231ns
Perrin & Van Waerebeek 2012	Review (small cetaceans)	Morocco to South Africa (+ Macaronesia) <sup>3</sup>	Non-specified	24 (0)	QO
Robards and Reeves 2011	Review (marine mammal consumption)	Worldwide <sup>5</sup>	1970 to 2009	12 (0)	QO
Robineau & Vely 1998	Beach monitoring (census) + review (cetacean species)	Mauritania	Monitoring: Nov 1994 Jan to Feb, Jun and Nov, 1995	29 (21)	90s + 282ns <sup>d</sup>
Rojo-Nieto <i>et al.</i> 2011	Strandings	Alboran sea and Strait Gibraltar <sup>2</sup>	1991 to 2008 (plus other isolated years)	10 (10)	422ns
Russel <i>et al.</i> 2018	OPOs (geophysical survey)	Mauritania	Sep to Dec 2012	15 (15)	228s
Tsai & Mead 2018	Stranding ( <i>Caperea marginata</i> )	The Gambia	Jan 1995	1 (1)	1ns
Tudela <i>et al.</i> 2005	Fishing monitoring (by-catches)	Morocco	Dec 2002 to Sep 2003	2 (2)	237ns
Tulp & Leopold 2004	Report (census)	Mauritania	Apr 2004	6 (6)	13s
Van Waerebeek <i>et al.</i> 1999	Review: strandings + captures + by- catches + sightings ( <i>Balaenoptera acutorostrata</i> )	Galicia to Gabon (+ Macaronesia) <sup>3</sup>	1905 to 1998	1 (1)	4s <sup>e</sup> + 6ns
Van Waerebeek <i>et al.</i> 2000	Report (UNEP-CMS)	Senegal to Guinea-Bissau	Up to 1998	23 (23)	97s + 550ns
Van Waerebeek <i>et al.</i> 2013	OPOs (fishing and oceanographic research) ( <i>Megaptera novaeangliae</i> )	Morocco to Guinea	Oct to Dec 2011	1 (1)	21s
Van Waerebeek <i>et al.</i> 2017	Dedicated and opportunistic beach and at-sea surveys ( <i>Sousa teuszii</i> )	Guinea, Nigeria, Togo and Cameroon <sup>6</sup>	Guinea: 2012	2 (2 <sup>f</sup> )	2s + 6ns
Weir & Collins 2015	Review ( <i>Sousa teuszii</i> )	Strait Gibraltar to Angola <sup>3</sup>	<1970-2015	1 (1)	321s + 41ns
Weir & Pierce 2013	Review (human activities impacting cetaceans)	Mauritania to Angola <sup>1</sup>	1942 to 2005	17 (17)	263ns
Weir <i>et al.</i> 2014	Review ( <i>Stenella clymene</i> )	Mauritania to Angola <sup>1</sup>	1846 to 1995	1 (1)	17s
Weir 2016	Dedicated surveys ( <i>Sousa teuszii</i> )	Senegal	Oct to Nov 2015	1 (1)	30s <sup>g</sup>
This review	Review (cetacean species)	Morocco to Liberia	Non-specified	36 (34)	2241s + 2178ns

No – number; s – sightings records; ns – non-sightings records; OPOs – Observation Platforms of Opportunity; EIA – Environmental Impact Assessment; QO – Qualitative-only. The table is organized by alphabetical order of the citations, and by year within the citations with the same author. The information presented corresponds to records reported within the geographical range of the study area (Morocco to Liberia – records with unconfirmed location not included). Number of species included only confirmed identifications to the species level, with number of species reported with quantitative data within brackets. Numbers of records are sightings + non-sightings of both confirmed and unconfirmed identifications. Whenever studies were dedicated to one single species, this is identified within brackets in the “Type of data” column.<sup>1</sup> Compiled records only from Mauritania to Liberia; <sup>2</sup> Compiled records only from Morocco; <sup>3</sup> Compiled records only from Morocco to Liberia; <sup>4</sup> Compiled records only from Sierra Leone; <sup>5</sup> Compiled records only from Mauritania to Sierra Leone; <sup>6</sup> Compiled records only from Guinea. <sup>a</sup> Single-taxon sightings (sightings with two taxa are accounted twice – one for each taxa); <sup>b</sup> Three sighting records correspond to groups that were sighted several times in the area; <sup>c</sup> One sighting record corresponds to one individual, the “Senegal dolphin”, sighted several times in the area; <sup>d</sup> There were three more non-sightings reports: 15 captures + strandings; 17 specimens; 19 captures + strandings. Captures from this source are mostly/all cited in Weir & Pierce 2013 and the 17 specimens are under the IFAN collection (presented by Van Waerebeek *et al.* 2000). There is no confirmation on the exact number of strandings, hence, these three reports were not considered here; <sup>e</sup> One sighting record corresponds to one individual sighted several times in the area. <sup>f</sup> Although Van Waerebeek *et al.* (2017) focus only on *Sousa teuszii*, they also mention (secondary source) a stranding of *Tursiops truncatus*, here included. <sup>g</sup> There are three re-sightings included.

## C.2.

Number of publications reporting on single or multiple species, sightings or non-sightings by type, time-period and area covered.					
Type	Period	Area	Single species	Multiple species	TOTAL
Reviews	<2000	Total area	2	1	3
		Partial area			
		Single state		1	1
	2000-2010	Total area			
		Partial area			
		Single state			
	2011-2020	Total area	1	1	2
		Partial area	1	2	3
		Single state		1	1
	TOTAL		4	6	10
Inventories/reports/surveys	<2000	Total area			
		Partial area			
		Single state			
	2000-2010	Total area			
		Partial area	1	2	3
		Single state		8	8
	2011-2020	Total area			
		Partial area	2	2	4
		Single state	2	7	9
	TOTAL		5	19	24
Case reports	<2000	Total area			
		Partial area			
		Single state	1		1
	2000-2010	Total area			
		Partial area			
		Single state			
	2011-2020	Total area			
		Partial area			
		Single state	4		4
	TOTAL		5		5

Not including the present review. The information presented corresponds to records reported within the range of the study area (Morocco to Liberia – records with unconfirmed location not included). For single species, only identification to species level was considered.