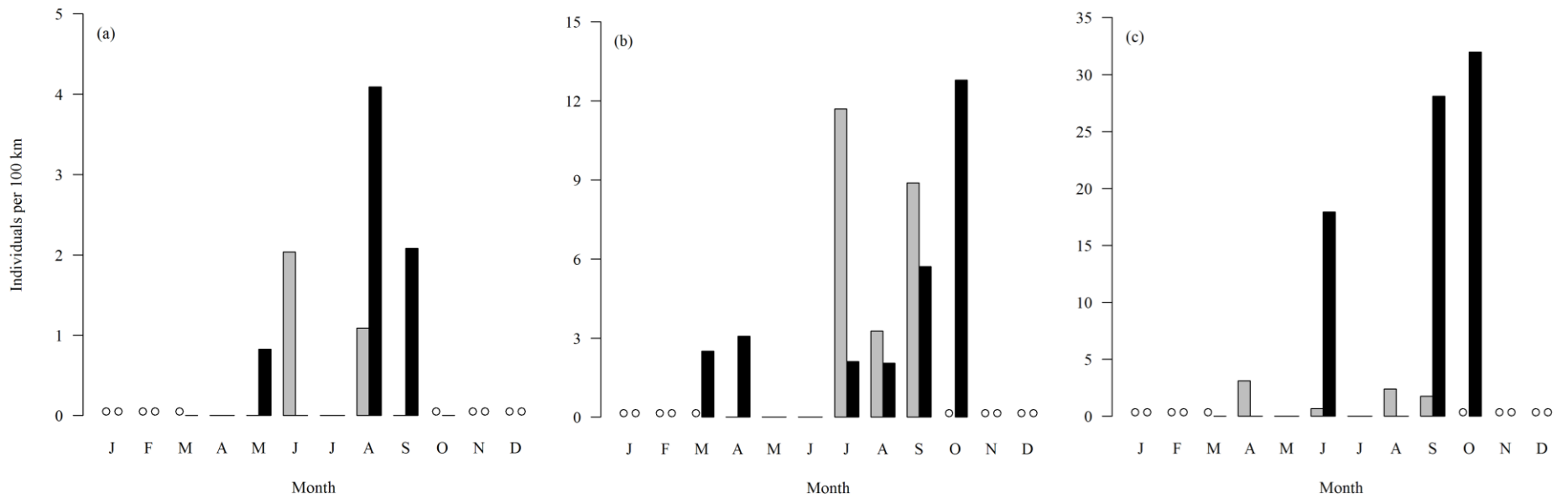
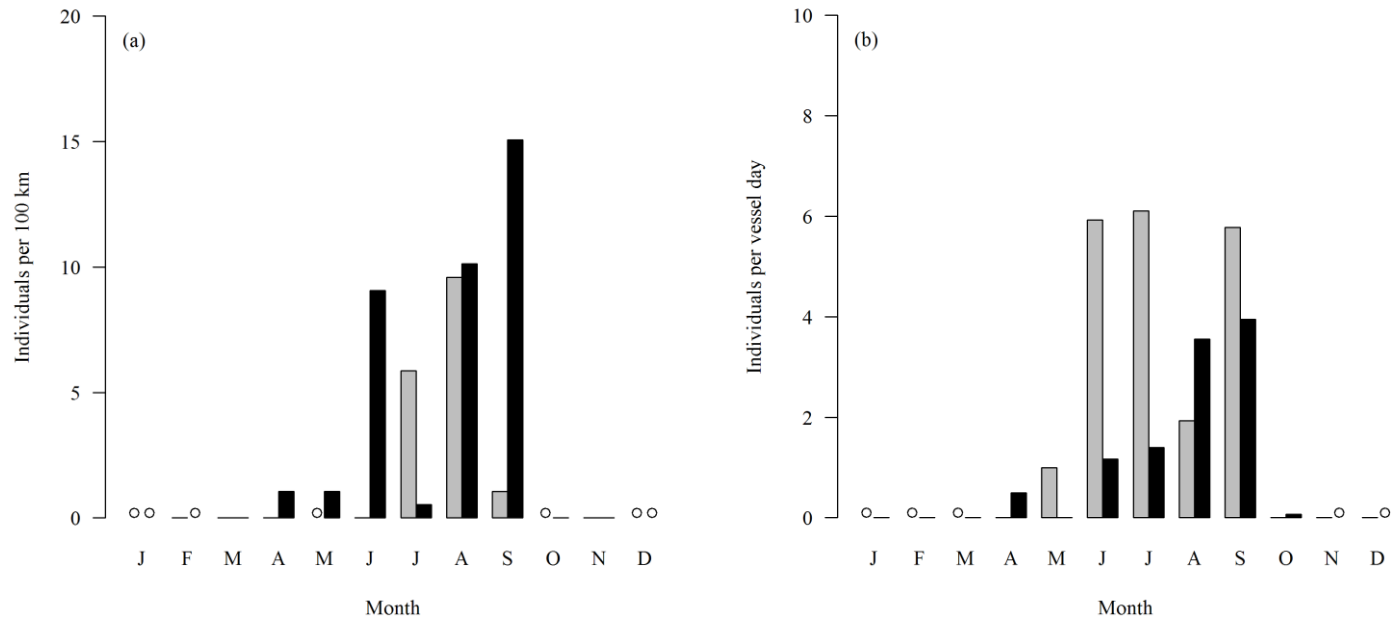


Marine megavertebrates of Cornwall and the Isles of Scilly: relative abundance and distribution

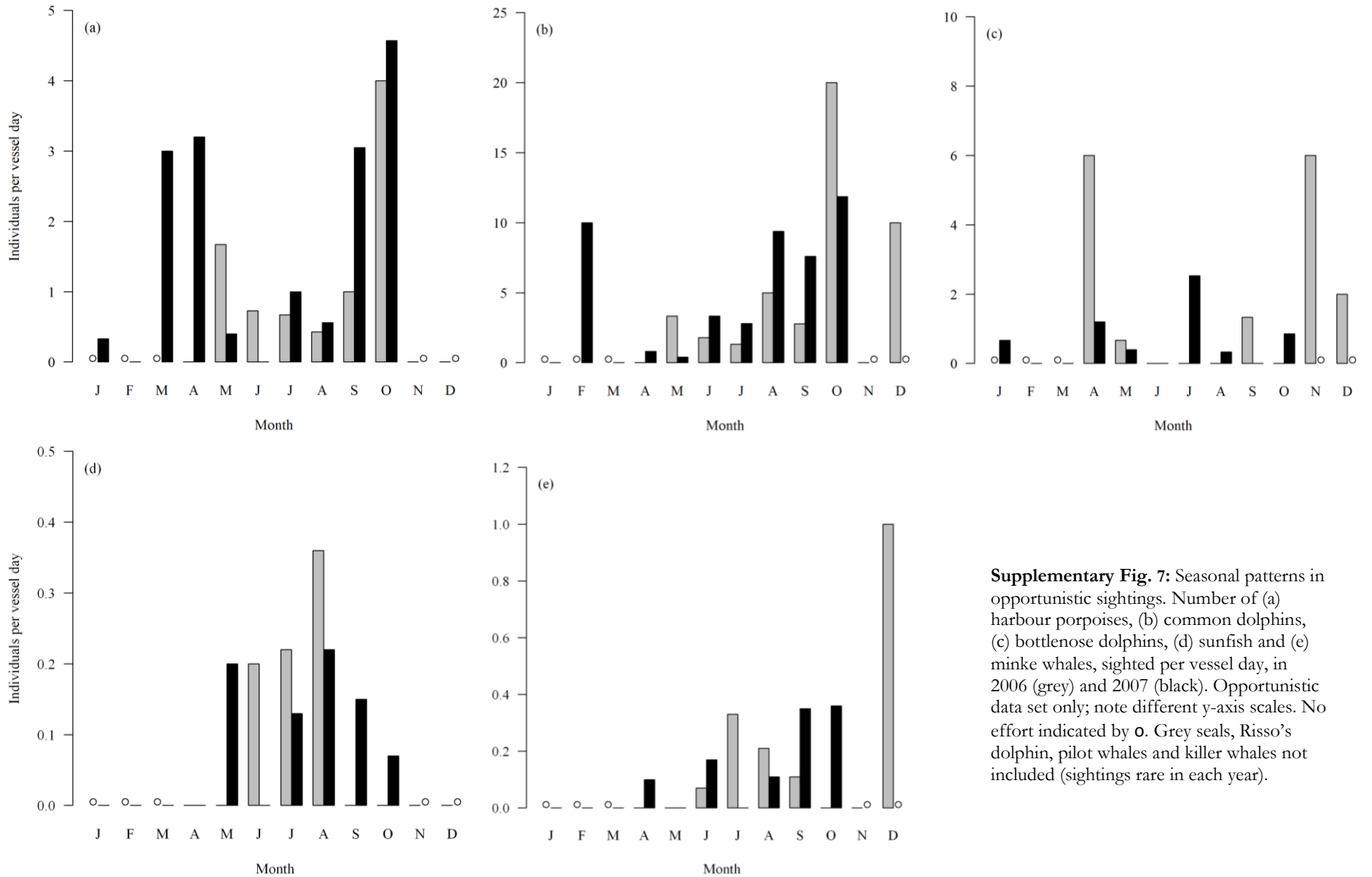
SUPPLEMENTARY FIGURES & TABLES



**Supplementary Fig. 5:** Sightings rates from ferry surveys (most numerous species only). Number of individuals per 100 km in 2006 (grey) and 2007 (black) for (a) basking sharks (note: sightings in Aug (1 indiv) & Sep (2 indivs) 2006 not shown – data from sea state 4 periods removed); (b) harbour porpoises; (c) common dolphins. Note differing y-axis scales. No effort indicated by o.



**Supplementary Fig. 6:** Seasonal patterns in basking shark sightings. (a) Number of individuals per 100 km aerial survey (on-track sightings only), (b) number of individuals per 'vessel day' from opportunistic sightings data (no effort indicated by o). Note different y-axis scales and units.



**Supplementary Fig. 7:** Seasonal patterns in opportunistic sightings. Number of (a) harbour porpoises, (b) common dolphins, (c) bottlenose dolphins, (d) sunfish and (e) minke whales, sighted per vessel day, in 2006 (grey) and 2007 (black). Opportunistic data set only; note different y-axis scales. No effort indicated by o. Grey seals, Risso’s dolphin, pilot whales and killer whales not included (sightings rare in each year).

**Supplementary Table 2:** Number of individuals (and number of sightings in brackets) of each species sighted on each aerial survey (not corrected for sea state; including off-track sightings). CM – basking shark, PP – harbour porpoise, MM – sunfish, DD – common dolphin, TT – bottlenose dolphin, HG – grey seal, GG – Risso’s dolphin, UnDol – unidentified dolphin species. \* indicates incomplete survey due to poor visibility.

Date	CM	PP	MM	DD	TT	HG	GG	UnDol
10/02/2006	0	0	0	11 (2)	0	0	0	0
17/03/2006	0	0	0	0	0	0	0	0
26/04/2006	0	1	0	0	0	0	0	0
15/06/2006	0	0	0	14 (2)	11 (1)	0	0	0
07/07/2006	14 (9)	0	0	2 (1)	0	1	0	3 (2)
20/07/2006	8 (8)	2 (2)	19 (19)	0	0	1	0	0
17/08/2006	18 (17)	0	5 (5)	0	0	2 (2)	0	0
07/09/2006	2 (2)	4 (2)	0	1	0	2 (1)	0	1
02/11/2006	0	1	0	3 (1)	0	0	0	0
15/03/2007	0	0	0	0	0	2 (2)	0	0
27/04/2007	2 (2)	0	0	0	0	2 (2)	0	1
29/05/2007	2 (1)	0	0	0	0	0	0	0
14/06/2007	17 (14)	0	0	0	0	10 (1)	0	0
20/07/2007	1	0	0	0	0	3 (1)	0	0
10/08/2007	18 (11)	0	1	9 (3)	0	0	0	0
17/08/2007	34 (21)	0	0	0	0	0	0	0
24/08/2007	59 (16)	1	1	1	0	0	0	2 (1)
7/09/2007*	19 (17)	5 (5)	0	7 (1)	2 (2)	3 (2)	0	0
12/10/2007	0	2 (2)	1	0	0	3 (2)	38 (3)	2 (2)
02/11/2007	0	3 (2)	0	1	0	0	9 (2)	0
Total sighted individuals	<b>194</b>	<b>19</b>	<b>27</b>	<b>49</b>	<b>13</b>	<b>29</b>	<b>47</b>	<b>9</b>

**Supplementary Table 3:** (a) Number of ferry surveys and corresponding effort per month, 2006 & 2007 ('nf' indicates no ferries running in that month); (b) number of 'vessel days' per month in each year (non-survey vessel trips only).

(a)

Month	N surveys 2006	Effort (km) 2006	N surveys 2007	Effort (km) 2007
J	nf	-	nf	-
F	nf	-	nf	-
M	0	0	1	128.2
A	1	128.2	2	256.4
M	1	128.2	1	128.2
J	4	512.8	1	128.2
J	1	128.2	2	256.4
A	4	512.8	2	256.4
S	3	384.6	3	384.6
O	0	0	1	128.2
N	nf	-	nf	-
D	nf	-	nf	-
<b>Total</b>	<b>14</b>	<b>1794.8</b>	<b>13</b>	<b>1666.6</b>

(b)

Month	Vessel days	
	2006	2007
J	0	3
F	0	1
M	0	2
A	1	10
M	6	5
J	15	6
J	9	15
A	14	18
S	9	20
O	3	14
N	1	0
D	3	0
<b>Total</b>	<b>61</b>	<b>94</b>