The following appendix accompanies the article

Vertical variability of wild fish assemblages around sea-cage fish farms: implications for management

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Appendix 1. Abundances of wild fish species per 150 m^3 for the 4 depth strata beneath cages at the 3 Mediterranean and 2 Canary Island fish farms pooled over the 3 sampling times. Numbers are mean ± SE of 48 × 1 min visual counts. B: bottom, M: midwater, C: Cage, S: surface. Size range: body width (BW) for Chondrichthyid species; total length (TL) for all other fish. Mugilidae ≥20 cm = *Mugil cephalus*, *Liza aurata*, *L. saliens*, *L. ramala* and *Chelon labrosus*

Family	Taxon	Size range (cm)	Altea				Campello				Guardamar				Los Cristianos				San Andrés			
			B	M	C	S	B	M	C	S	B	M	C	S	B	M	C	S	B	M	C	S
Dasyatidae	*Gymnura altivela*	100–250																	0.25 ±0.08			
	Dasyatis centroura	30–300													0.02 ±0.02				0.25 ±0.07			
	Dasyatis pastinaca	30–150													0.15 ±0.06	0.06 ±0.05			0.29 ±0.1			
Myliobatidae	*Pteromylaeus* sp.	100													0.02 ±0.02							
	Taeniura grabata	150																	0.04 ±0.03			
	Myliobatis aquila	60–150													0.06 ±0.05				0.50 ±0.1			
Torpedinae	*Torpedo marmoratus*	40–200																	0.13 ±0.06			
All condrichthyid rays		30–300													0.25 ±0.1	0.06 ±0.05			1.46 ±0.2			
Clupeidae	*Sardinella aurita*	12–32		18.8 ±12.1	544 ±108	103.7 ±66						1.6 ±1.6										
	Sardina pilchardus	10																		62.5 ±35.3	2.1 ±2.1	
	Sardina maderensis	10–12													0.25 ±0.06					15.0 ±8.9	17.5 ±7.5	71.3 ±35.2
Engraulidae	*Engraulis encrasicolus*	4–12				0.42 ±0.4								46.2 ±32.6								
Pomatomidae	*Pomatomus saltatrix*	32–70	0.7 ±0.5	0.02 ±0.02	10.8 ±4.7	8.8 ±3.8						0.19 ±0.1	0.13 ±0.1									
Carangidae	*Seriola* sp.	16–30													0.10 ±0.1			0.02 ±0.02				
	Seriola dumerili	35–60	0.23 ±0.2	0.52 ±0.3	0.15 ±0.07																	
	Trachinotus ovatus	16–42	0.04 ±0.04	10.0 ±6.3	34.3 ±21.0	1.77 ±0.1		0.42 ±0.42														
	Trachurus sp. <20 cm	4–18								0.67 ±0.48		67.9 ±27.5	88.0 ±35.6		0.02 ±0.02							
	Trachurus mediterraneus ≥20 cm	28–40	0.42 ±0.4	1.31 ±0.6	0.25 ±0.1		0.02 ±0.02	17.4 ±7.7	210 ±39.4		0.04 ±0.04	1.54 ±0.1	0.04 ±0.03									
	Pseudocaranx dentex	4–12													0.25 ±0.1	0.06 ±0.06	1.90 ±0.5	0.71 ±0.3			0.04 ±0.04	1.23 ±0.8
	Naucrates ductor	6–14								0.08 ±0.06												

Appendix 1 continued

Family	Taxon	Size range (cm)	Altea				Campello				Guardamar				Los Cristianos				San Andrés			
			B	M	C	S	B	M	C	S	B	M	C	S	B	M	C	S	B	M	C	S
Coryphaenidae	*Coryphaena hippurus*	46								0.02 ±0.02												
Sparidae	*Boops boops*	6–24						7.3 ±7.3			30.2 ±10.6	8.1 ±7.3	0.52 ±0.52	3.13 ±3.1	16.7 ±9.0		274 ±37.3	536 ±58.9	744 ±70.5	355 ±63.2	301 ±57.8	167.3 ±48.7
	Diplodus vulgaris	36					0.02 ±0.02															
	Diplodus sargus	10							1.56 ±1.6													
	Oblada melanura	6–12				1.67 ±1.0			1.56 ±1.6	17.6 ±8.1			4.7 ±3.5	0.58 ±0.5								
	Pagellus acarne	8–10	1.15 ±0.88																1.25 ±1.2			
	Pagellus erythrinus	8–20													0.31 ±0.1							
	Pagrus pagrus	6–40													3.8 ±3.1				0.23 ±0.1			
	Spondyliosoma cantharus	8–12													0.08 ±0.05				60.6 ±28.8			
Sphyraenidae	*Sphyraena sphyraena*	60–80							7.3 ±7.3													
	Sphyraena viridensis	30																0.02 ±0.02				
Mugilidae	Mugilidae <20 cm	2–12				30.1 ±12.1				20.4 ±6.4		3.1 ±3.1		58.4 ±24.7								
	Mugilidae ≥20 cm	22–60			7.2 ±2.4	17.0 ±2.9					1.8 ±1.2	7.5 ±2.1	85.8 ±16.7	0.54 ±0.42								
Serranidae	*Serranus hepatus*	4–12	0.9 ±0.4				2.7 ±0.1				2.3 ±2.1											
	Serranus atricauda	10													0.02 ±0.02							
	Serranus cabrilla	4–6	0.02 ±0.02				0.5 ±0.4															
Labridae	*Coris julis*	8–12					0.5 ±0.4															
	Symphodus cinereus	10					0.23 ±0.13															
	Thalassoma pavo	10																				
	Xyrichthys novacula	4–10													0.06 ±0.04							
Scorpaenidae	*Scorpaena scrofa*	28									0.02 ±0.02											
Monacanthidae	*Aluterus scriptus*	10–90																				0.10 ±0.05
Scombridae	*Auxis rochei*	50		0.42 ±0.4																		
	Sarda sarda	100																		0.06 ±0.05	0.06 ±0.05	
Kyphosidae	*Kyphosus* sp.	10													0.02 ±0.02							
Dicentrarchidae	*Dicentrarchus labrax*	20												0.04 ±0.04								
Gobiidae	*Gobius bucchichi*	4–8	0.2 ±0.08				0.2 ±0.07				0.06 ±0.04											
Blennidae		6												0.02 ±0.02								
Mullidae	*Mullus surmuletus*	8–10																	0.06 ±0.05			
Triglidae	*Chelidonichthys lucernus*	16													0.02 ±0.02							