

Supporting Information

Davis et al. 2020. Exploring movement patterns and changing distributions of baleen whales in the western North Atlantic using a decade of passive acoustic data

Table S1: Summary table of the call types in each of the call libraries used from the Low Frequency Detection and Classification System (LFDCS; Baumgartner and Mussoline 2011).

Call Library Name	Species	Call Type #	Call Type Name	Call Type Description	Number of Exemplars	Call Library Sampling Rate
gom9	Sei	1	Downsweep	80-30 Hz downsweep	74	2 kHz
		2	High downsweep	130-70 Hz downsweep	26	2 kHz
		3	Long downsweep	80-30 Hz long duration downsweep	117	2 kHz
	NARW	5	Upcall	100-200 Hz upcall	205	2 kHz
		6	Check upsweep	Attack with slight downsweep, then rapid upsweep	144	2 kHz
		7	Steep high upsweep	Rapid upsweep ending around 200 Hz	186	2 kHz
		8	Short upsweep	Short duration upsweep	104	2 kHz
	Humpback	9	Long upsweep	90-250 Hz long upsweep	83	2 kHz
		15	Upsweep	100-150 Hz upsweep similar to NARW	71	2 kHz
		16	Tonal	2 second tonal with slight downsweep	31	2 kHz
		17	Low-frequency downsweep	100-150 Hz downsweep similar to sei	181	2 kHz
		18	Upsweep	100-500 Hz rapid upsweep similar to NARW	123	2 kHz
		19	Downsweep	Long “straight” 300-100 Hz downsweep	100	2 kHz
		20	Short downsweep	Short “straight” 300-100 Hz downsweep	123	2 kHz
	gomlf_blue	Fin	23	Mid-frequency downsweep	350-200 Hz downsweep	192
24			Inverted “U”	Inverted 100-150 Hz “U” call with upper harmonic	151	2 kHz
Blue		25	Variable downsweep arch	Variations of a 550-200 Hz downsweeping arch	211	2 kHz
		1	20-Hz pulse	Low-frequency downsweep centered at 20 Hz	171	128 Hz
Blue	2	AB call	AB Calls	100	128 Hz	
	3	A call	A Call	147	128 Hz	
	4	B call	B Call	110	128 Hz	