

Table S2. Measurements (mm) of tympanic bulla of balaenid and neobalaenid species.

Specimens	Length	Width ^a	Height
Balaenidae			
<i>Balaena mysticetus</i>			
SDSNH 23715	139.79	110.46	80.27
USNM 12182	144.80	105.74	86.16
USNM 49407	146.70	111.67	87.86
USNM 63330	139.47	(60.66), 87.56	74.88
USNM 15595	—	97.72	82.07
USNM 259000	162.1	99.37	71.67
<i>Eubalaena australis</i>			
SAM 18071	133.92	108.00	93.00
USNM 26712	145.90	(93.82), 121.63	73.00
<i>Eubalaena glacialis</i>			
AMNH 169829	123.21	(106.00 ^b), 114.11	84.96
LACM 54763	112.32	(63.67), 84.52	81.06
USNM 20868	138.11	88.56	82.16
USNM 269161	133.47	96.30	80.76
USNM 504886	123.64	(78.02), 113.53	8.68
<i>Eubalaena japonica</i>			
USNM 16435	161.79	(113.74), 131.01	94.49
Neobalaenidae			
<i>Caperea marginata</i>			
NMV 28531	107.72	86.13	—
SAM 6110	106.07	86.15	47.41

^awidth measured to conical process

^bestimated