

Table S1. List of specimens included in this study. NRM : Naturhistoriska riksmuseet, Stockholm ; PEM : Port Elizabeth Museum, Port Elizabeth ; RBINS : Royal Belgian Institute of Natural Sciences, Brussels ; ZM : South African Museum, Cape Town ; MNHN : Musée National d’Histoire Naturelle, Paris ; SMNS : Staatliches Museum für Naturkunde, Stuttgart ; QM : Queensland Museum, Brisbane.

Species	Specimen number	Species	Specimen number
<b>Balaenidae</b>		<b>Monodontidae</b>	
<i>Balaena mysticetus</i>	NRM 558409	<i>Delphinapterus leucas</i>	RBINS 1508
<i>Eubalaena glacialis</i>	PEM N0049	<i>Monodon monoceros</i>	NRM 558407
<i>Eubalaena australis</i>	NRM 558389	<b>Delphinidae</b>	
<b>Neobalaenidae</b>		<i>Cephalorhynchus commersonii</i>	ZM 40555
<i>Caperea marginata</i>	RBINS 1536	<i>Cephalorhynchus heavisidii</i>	ZM 19943
<b>Eschrichtiidae</b>		<i>Cephalorhynchus hectori</i>	ZM 36182
<i>Eschrichtius robustus</i>	NRM 558391	<i>Delphinus capensis</i>	PEM N1649
<b>Balaenopteridae</b>		<i>Delphinus delphis</i>	RBINS 1519B
<i>Balaenoptera acutorostrata</i>	NRM 558397	<i>Feresa attenuata</i>	SMNS 8841
<i>Balaenoptera borealis</i>	NRM 558432	<i>Globicephala melas</i>	NRM 558264
<i>Balaenoptera edeni</i>	NRM 558399	<i>Grampus griseus</i>	NRM 558392
<i>Balaenoptera musculus</i>	NRM 558430	<i>Lagenodelphis hosei</i>	PEM N395
<i>Balaenoptera physalus</i>	NRM 558434	<i>Lagenorhynchus albirostris</i>	NRM 20065395
<i>Megaptera novaeangliae</i>	NRM 558433	<i>Lagenorhynchus obscurus</i>	ZM 35681
<b>Physeteridae</b>		<i>Lissodelphis peronii</i>	NRM 558419
<i>Physeter macrocephalus</i>	NRM 558400	<i>Orcaella brevirostris</i>	RBINS 1512
<b>Kogiidae</b>		<i>Orcaella heinsohni</i>	QM JM511
<i>Kogia breviceps</i>	PEM N989	<i>Orcinus orca</i>	NRM 558401
<i>Kogia sima</i>	PEM N1564	<i>Peponocephala electra</i>	ZM 38245
<b>Ziphiidae</b>		<i>Pseudorca crassidens</i>	SMNS 7617
<i>Hyperoodon ampullatus</i>	RBINS 1503	<i>Sotalia fluviatilis</i>	RBINS 1516
<i>Hyperoodon planifrons</i>	ZM 41892	<i>Sousa plumbea</i>	PEM N1266
<i>Mesoplodon bidens</i>	MNHN A14519	<i>Stenella coeruleoalba</i>	PEM N289
<i>Mesoplodon grayi</i>	PEM N0021	<i>Steno bredanensis</i>	ZM 41124
<i>Mesoplodon layardii</i>	ZM 19931	<i>Tursiops truncatus</i>	ZM 35678
<i>Mesoplodon mirus</i>	ZM 36844	<b>Phocoenidae</b>	
<i>Tasmacetus shepherdi</i>	ZM 40484	<i>Neophocaena phocaenoides</i>	SMNS 45679
<i>Ziphius cavirostris</i>	RBINS 1504	<i>Phocoena phocoena</i>	NRM 845002
<b>River dolphins</b>			
<i>Platanista gangetica</i>	NRM 608417		
<i>Inia geoffrensis</i>	SMNS 45662		
<i>Pontoporia blainvillei</i>	SMNS 45597		