

## SUBJECT INDEX

### Taxonomy, Body proportion and Osteology

- Balaena mysticetus* 22: 45-62  
*Eubalaena glacialis* 13: 1-52, 21: 1-78, 21: 79-84, 23: 71-81, 30: 249-251  
*Eschrichtius robustus* 22: 29-37, 26: 1-14  
*Balaenoptera musculus* 7: 125-183  
*B. musculus brevicauda* 22: 1-27  
*B. physalus* 7: 125-183, 9: 121-163, 12: 127-189, 15: 17-84, 16: 29-34  
*B. borealis* 9: 89-103, 14: 1-33, 23: 83-89  
*B. edeni* 9: 89-103, 14: 1-33, 16: 1-5, 16: 7-18, 31: 85-92  
*B. acutorostrata* 11: 1-37, 12: 1-21, 19: 37-43, 22: 75-125, 27: 1-36, 28: 57-68, 28: 69-72  
*Megaptera novaeangliae* 7: 125-183, 14: 49-87  
*Physeter catodon* 7: 125-183, 11: 47-83, 16: 35-45, 17: 1-14  
*Kogia* sp. 9: 37-58  
*Tasmacetus shepherdi* 28: 127-128  
*Mesoplodon ginkgodens* 13: 53-83, 24: 43-56  
*M. densirostris* 23: 129-137  
*M. stejnegeri* 14: 35-48, 28: 107-117  
*M. bowdoini* 16: 61-77  
*M. sp.* 16: 79-82  
*Ziphius cavirostris* 24: 1-34  
*Berardius* 27: 111-137  
*B. bairdii* 10: 89-132  
*Hyperoodon planifrons* 28: 119-126  
*Peponocephala electra* 19: 91-104, 20: 95-100  
*Feressa attenuata* 9: 59-88, 19: 65-90  
*Orcinus orca* 26: 255-258  
*Globicephala macrorhynchus* and *G. melaena* 27: 95-110  
*Globicephala macrorhynchus* 32: 67-95, 32: 145-148  
*Lagenodelphis hosei* 25: 251-263, 30: 231-244  
*Stenella attenuata* 19: 53-64  
*S. spp.* 28: 129-135  
*Platanista gangetica* 24: 87-108  
Small cetaceans; Tierra del Fuego 30: 197-230  
*Mirounga leonina* 20: 211-212  
Systematic study  
Pelvic bone 5: 5-15, 30: 271-279, 32: 25-37  
Hyoid bone, baleen whales 18: 149-170  
*Balaenoptera acutorostrata* 26: 15-24  
*Phoca* 26: 313-320  
Sternum and cleviscle  
*Stenella coeruleoalba* 30: 253-269

- Megaptera novaeangliae* 30: 253-269  
Tympano-periotic bone, toothed whales 25: 1-103  
Vertebrae, baleen whales 23: 61-69  
Skull and other characteristics, delphinidae 17: 93-103, 18: 171-172  
Secondary sexual character  
*Balaenoptera physalus* 16: 29-34  
*Physeter catodon* 20: 89-94  
Karyotype  
*Balaenoptera borealis* 20: 83-88

### Anatomical and Histological study

- Brain, *Physeter* 6: 49-72  
*Stenella* 26: 245-253  
*Platanista* 32: 105-126  
Spinal cord, *Eubalaena* 13: 231-251  
Dorsal vagal nucleus, *Physeter* 25: 241-249  
Acoustic system 2: 1-20, 21: 95-123  
Organ of hearing 2: 21-30, 8: 1-79  
Labyrinth 14: 291-304  
Sinus hair, *Balaenoptera borealis* 1: 41-47  
Sensory tubercle, lip 3: 1-16  
Lingual margin 28: 137-140  
Taste buds, *Stenella* 30: 285-290  
Tongue, Sirenia 32: 127-144  
Head section, *Stenella* 19: 105-133  
Extrinsic eye muscle 6: 1-33  
Masseter, *Megaptera* 17: 49-52  
Heart, conducting system 9: 11-35  
cardiac nerve, *Berardius* 7: 1-22  
Larynx 3: 23-62  
Air-sac, *Histiophoca* and *Phoca* 29: 129-135  
Lung 6: 35-47  
Parathyroid, *Platanista* 30: 281-284  
Abdominal cavity, iconography 5: 17-39  
Stomach 23: 91-101  
Renculi 13: 253-267  
Anal tonsil, Platanistidae 29: 95-100  
Corpus luteum, *Callorhinus* 29: 121-128  
Red bone marrow, *B. physalus* 3: 17-22  
Embryo, *Stenella* 10: 1-68, 16: 83-87  
Size of cell 13: 269-301  
Epidermal cyst 31: 93-94

### Body and organ weight

- Eubalaena glacialis* 13: 1-52, 21: 1-78  
*Balaenoptera musculus* 3: 132-190, 4: 184-209, 7: 125-183  
*B. musculus brevicauda* 22: 1-27

- B. physalus* 3: 132-190, 4: 184-209, 7: 125-183  
*B. borealis* 4: 1-13  
*B. edeni* 10: 133-141  
*B. acutorostrata* 22: 75-125  
*Megaptera novaeangliae* 7: 125-183, 14: 49-87  
*Physeter catodon* 4: 1-13, 7: 125-183  
*Mesoplodon ginkgodens* 24: 43-56  
*Lagenodelphis hosei* 25: 251-263  
*Stenella attenuata* 26: 157-226  
*Platanista gangetica* 24: 87-108, 26: 265-270  
*Pontoporia blainvillei* 26: 265-270  
*Mirounga leonina* 20: 211-212  
*Dugong dugon* 31: 129-132

### Age determination

- Crystalline lens 3: 132-190, 4: 115-161  
 Baleen plates 4: 162-183, 6: 133-152  
 Ear plug 12: 23-32, 14: 107-135, 17: 37-48, 18: 29-48  
 Baleen whales 7: 87-119  
*Balaenoptera physalus* 13: 155-169, 18: 49-88, 20: 17-82  
*Physeter catodon* 13: 135-153, 17: 15-35, 20: 1-16  
*Berardius bairdii* 29: 1-20  
*Tursiops truncatus* 32: 39-66  
*Stenella coeruleoalba* 8: 133-146, 24: 57-79, 28: 73-106, 29: 21-48  
*S. attenuata* 26: 157-226, 28: 73-106  
*Platanista gangetica* 24: 87-108  
*Pontoporia blainvillei* 31: 45-67  
*Callorhinus ursinus* 17: 191-195  
*Dugong dugon* 30: 301-310

### Population study

- Eubalaena glacialis* 13: 1-52, 21: 1-78  
*Eschrichtius robustus* 5: 71-79, 13: 201-205, 22: 29-37, 22: 39-43, 26: 1-14  
*Balaenoptera musculus* 3: 132-190, 4: 27-113, 5: 91-167, 6: 73-131, 7: 125-183, 8: 147-213  
*B. physalus* 3: 119-131, 3: 132-190, 4: 27-113, 5: 91-167, 6: 73-131, 7: 125-183, 8: 147-213, 11: 85-98, 12: 103-125, 13: 97-133, 13: 155-169, 15: 85-142, 17: 53-65, 18: 1-27, 18: 49-88  
*B. borealis* 3: 119-131, 4: 27-113, 9: 89-103, 22: 63-74  
*B. edeni* 3: 106-118, 3: 119-131, 9: 89-103, 9: 165-177, 10: 79-87, 14: 1-33, 16: 7-18, 28: 1-35, 30: 291-300  
*B. acutorostrata* 11: 1-37, 11: 181-189, 19: 37-43, 22: 75-125, 37-59  
*Megaptera novaeangliae* 4: 27-113, 6: 73-131, 7: 125-183, 8: 81-102, 8: 147-213, 14: 49-87, 15:

- 1-16, 16: 19-28, 29: 59-85, 30: 245-247  
*Physeter catodon* 3: 106-118, 3: 119-131, 4: 27-113, 6: 153-165, 7: 121-124, 7: 125-183, 8: 147-213, 10: 143-149, 11: 39-46, 13: 135-153, 17: 15-35, 19: 1-35, 20: 1-16, 23: 1-25  
*Ziphius cavirostris* 10: 89-132, 24: 35-41  
*Berardius* 27: 111-137  
*B. bairdii* 10: 89-132, 13: 213-214, 23: 111-122, 29: 1-20  
*Orcinus orca* 13: 85-96  
*Globicephala macrorhynchus* and *G. melaena* 27: 95-110  
*Stenella coeruleoalba* 12: 191-192, 22: 159-162, 24: 57-79, 26: 227-243, 28: 73-106, 29: 21-48, 30: 65-115  
*S. attenuata* 26: 157-226, 26: 227-243, 28: 73-106  
*Lagenodelphis hosei* 30: 231-244  
*Phocoenoides dalli* 30: 1-64  
*Neophocaena phocaenoides* 31: 1-44  
*Cephalorhynchus commersonii* 32: 149-154  
*Platanista gangetica* 24: 87-108, 24: 109-115, 27: 81-94, 29: 87-94  
*Pontoporia blainvillei* 31: 45-67  
 School, baleen whales 18: 89-110  
 Corpora albicantia 18: 123-148  
 Virginal band 21: 85-94  
 Counting and measuring, baleen and ventral grooves 25: 279-292  
 Baleen, function 28: 37-55  
 Underwater sound 23: 123-128  
 Epimeletic behavior 28: 141-143  
 Marking dolphin 20: 101-107, 24: 81-85  
 Human activity disturbing whales 29: 113-120  
 History, whaling 21: 125-129  
 Color pattern, *Phoca* 25: 301-310  
 Growth, *Phoca* 24: 127-144  
 Pelage, *Historiophoca* 28: 187-197  
 Occurrence, phocid seals 28: 175-185  
 Distribution, *Phoca* 31: 105-119  
     *Dugong* 31: 133-141  
 Diving depth, *Callorhinus* 24: 145-148  
 Wandering speed, *Erignathus* 31: 121-123  
 Serology 7: 69-77, 8: 103-125, 9: 105-120, 11: 85-98, 13: 171-184, 14: 89-100, 14: 101-106, 15: 85-142, 17: 53-65, 17: 67-77, 18: 1-27

### Food and feeding

(See also population study)

- Baleen whales 5: 81-90, 12: 33-89, 13: 193-199, 14: 149-290, 16: 89-103, 17: 157-170, 19: 45-51, 20: 109-155  
*Balaenoptera borealis* 22: 127-152, 22: 153-158, 25:

- 219-236, 26: 25-144  
*B. edeni* 7: 79-85, 29: 49-58, 32: 1-23  
*Megaptera novaeangliae* 31: 69-83  
*Eschrichtius robustus* 22: 39-43  
*Physeter catodon* 5: 81-90, 11: 139-151, 11: 153-161, 18: 111-122, 28: 145-151, 32: 199-218  
*Orcinus orca* 29: 107-111  
*Stenella coeruleoalba* 25: 265-275  
 Balaenopterids 32: 155-198  
 Antarctic fish from stomach 12: 225-233  
 Stone and alien from stomach 17: 83-91  
 Stomach content in relation to chasing time 23: 27-36  
 Energy budget 27: 61-79

### Whaling ground, environmental

- 9: 179-187, 11: 163-179, 12: 91-101, 12: 209-224, 13: 215-229, 14: 137-143, 15: 143-158, 16: 105-119, 17: 105-155, 20: 157-210, 26: 271-287, 27: 141-157  
 Statistical review 25: 105-203  
 Pack-ice limit 29: 137-141  
 Sighting  
 By boat 25: 205-217, 26: 289-302, 30: 117-178, 30: 179-195  
 By air 23: 37-60

### Parasite, scar and skin disease

- Diatom 4: 14-26, 11: 99-132, 13: 185-191, 29: 101-105, 32: 97-103  
 Cyamus 28: 153-160  
 Barnacle 22: 39-43  
 White scar 10: 69-77, 26: 145-155  
 Skin disease 11: 133-138  
 Helminthes 11: 133-138, 28: 161-166  
 Marlin spear 14: 149-290 (p. 252), 22: 163-164, 25: 237-239  
 Aggressive encounter 31: 95-96  
 Parasite, *Euphausia* 30: 311-313

### Chemical study

- Enzyme, stomach 1: 3-7  
 pancreas 1: 8-10, 1: 11-14, 2: 55-60, 3: 71-78  
 Whale meat, peptone 1: 15-16  
 freshness 1: 17-26, 1: 27-30, 2: 31-34, 3: 63-70, 5: 1-4, 6: 167-176,

- 7: 23-30, 7: 31-36, 9: 1-10  
 tryptophane 2: 51-54  
 digestion 2: 61-66  
 nutrition 7: 51-67  
 amino acid 13: 303-317, 14: 305-326  
 methionine 3: 102-105  
 Whale blood 1: 38-40, 3: 96-101, 5: 41-47  
 Whale milk 10: 151-167  
 Vitamin 1: 31-37, 2: 35-41, 5: 53-59, 6: 187-191, 7: 47-50  
 Kitol 3: 85-88, 3: 89-91, 3: 92-95, 5: 49-51, 5: 61-69, 6: 193-198, 7: 47-50  
 Oil, gas absorption 11: 191-213, 13: 309-321  
 molecular distillation 2: 42-45, 2: 46-50  
 Oil, *Eubalaena* 17: 171-190  
*Physeter* 3: 79-84, 7: 37-46  
*Mirounga* 12: 235-240, 13: 323-332, 20: 213-221  
 Lipid, *Eubalaena* 18: 173-180  
 Fatty acid composition of oil,  
*Eubalaena* 22: 165-170  
*Neophocaena* 21: 131-135, 26: 303-306  
*Peponocephala* 21: 137-141  
*Platanista* 23: 141-147, 24: 117-125  
*Inia* 25: 293-299  
*Trichechus* 26: 307-311  
 Krill 28: 167-174  
 Metal, *Dugong* 31: 125-128  
 Organochlorine compounds, *Dugong* 31: 125-128

### Miscellaneous

- Hind limb 8: 127-132, 12: 197-208, 17: 79-81, 19: 135-136  
 Hermaphroditism 8: 215-218  
 Prenatal dead fetus 16: 47-60  
 Malformed fetus 12: 193-195, 14: 145-147, 23: 139-140, 26: 259-263  
 Albino 13: 207-209  
 Carotinoid body color 31: 97-99  
 Deformed jaw 13: 211-212, 31: 101-103  
 Vestigial teat 25: 277-278  
 Strange organ 27: 139-140  
 Electrocardiogram, *Tursiops* 15: 159-165  
 Electric shock 6: 177-185  
 Compressive strength, dentin 23: 103-110  
 Flattened head harpoon 6: 199-207