

Skull—

- Arctocephalus australis*, ii. 41.
gazella, ii. 37.
 sp. incerta, ii. 53,
Leptonychotes weddelli, ii. 20.
Macrorhinus leoninus, ii. 5.
Mesoplodon layardi, i. 3.
Otaria jubata, ii. 29.

Smith, E. T., presented a specimen, ii. 29.

Spinal column—

- Arctocephalus australis*, ii. 43.
Balæna australis, i. 32.
Leptonychotes weddelli, ii. 23.
Macrorhinus leoninus, ii. 12.
Mesoplodon layardi, i. 21.
Megaptera lalandi, i. 30.

Sténorhinque, ii. 63.

Stenorhynchus, ii. 20, 63.

leptonyx, ii. 63, 64.

serridens, ii. 64.

Sternum—

- Arctocephalus australis*, ii. 45.
Leptonychotes weddelli, ii. 25.
Macrorhinus leoninus, ii. 15.
Mesoplodon layardi, and other sp., i. 26.

Stones in Stomach of Seals, ii. 136.

Sydney, specimen from, i. 3, 18.

Sylvius, fissure and convolution of, ii. 94, 95, 104, 122, 124.

Tables of—

Dimensions of—

- Brain of Elephant Seal, ii. 92.
 Walrus, ii. 103.
 Cast of Cranial Cavity of Elephant Seal, ii. 92.
 Crania of *Arctocephalus australis*, ii. 41.
gazella, ii. 37.
Eumetopias californianus, ii. 77.
cinereus, ii. 80.
Macrorhinus leoninus, ii. 6.
Leptonychotes and *Stenorhynchus*, ii. 21.
Otaria jubata, ii. 30.
 Fur-Seal from Juan Fernandez, ii. 52.
 South American Fur-Seal, ii. 39.
 Teeth of Elephant Seal, ii. 7.

Table of homologous Fissures and Convulsions, ii. 134.

Tay, Seal from, ii. 62.

Teeth—

- Arctocephalus australis*, ii. 42.
gazella, ii. 37.
Leptonychotes weddelli, ii. 20.
Macrorhinus leoninus, ii. 7.
Mesoplodon layardi, i. 10.
sowerbyi, i. 20.
Otaria jubata, ii. 31.
 of Sharks, i. 41.

Thomas, Oldfield, on *Mustela pennanti*, ii. 80.

Thomson, Allen, on ossification of digits, ii. 51.

Tiger, brain of. See *Felis tigris*, ii. 120.

Trichechidæ, characters of family, ii. 56.

extinct, ii. 69.

Trichechodon, ii. 69.

Trichechus, characters of, ii. 70.

obesus, ii. 71.

rosmarus, characters of, ii. 61.

Tristan da Cunha, Seals from, ii. 3, 36.

Tympanic bulla, i. 8, 34; ii. 11, 23, 33, 43.

Ursine lozenge, ii. 95, 116.

Ursus arctos, brain of, ii. 131.

marinus, ii. 86.

maritimus, brain of, ii. 117, 125, 131.

Van Beneden, P. J., on *Ziphius*, i. 29.

on *Megaptera*, i. 31.

Vertebræ. See Spinal column.

Viscera of Elephant Seal, ii. 135.

Walrus, brain of, ii. 202.

Weasel, brain of, ii. 119.

Wellington, Cetacea from, i. 27.

Seals from, ii. 21.

Zalophus gillespii, ii. 77.

Ziphius, beak from deep sea, i. 38.

cavirostris, specimen examined, i. 1.

skull measurements, i. 4, 8.

general sketch, i. 27.

ear-bone, i. 36, 39, 41.

chathamensis, identical with *Z. cavirostris*, i. 29.

indicus, identical with *Z. cavirostris*, i. 27, 29.

novæ-zealandiæ, identical with *Ziphius cavirostris*, i. 29.