





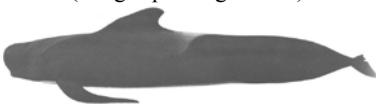



















Hector's dolphin <1.6m  Rounded dorsal fin. No beak. Light grey upper. White throat and chest, extending towards tail. Black head and dorsal fin	Rough-toothed dolphin <2.8m  Robust body. Cone-shaped head. Large flippers. Dark grey body. Belly, lips and lower jaw white or pink. Rarely seen	Beaked whale (image sp. Gray's) 3-10m  Multiple spp. Slender body. Prominent beak, often whitish near tip. Small dorsal fin, well back. Some have 2 tusk-like teeth	Southern right whale <18m  Blackish body, white patches on head & jaws. V-shaped blow. Arched jaw. Callosities on head. No dorsal fin
Dusky dolphin <2m  Short, dark-coloured beak. Dark grey-blue upper. Pale face and belly, light blazes along flank. Two-toned dorsal fin	Risso's dolphin <4m  Blunt, bulging forehead. No beak. Mouth slopes up. Grey, scarred body, lighter underneath. Long flippers	Pilot whale (image sp. Long-finned) <6.5m  Dark brown/black, white streak behind eye. Long, low dorsal fin. Blunt head, bulging forehead. Often mass strands	Bryde's whale <14m  Blue-grey body. Baleen pale at front, black at back. Similar size to Sei but 3 ridges on head
Common dolphin <2.3m  Sleek body. Prominent beak. Dark upper and dorsal fin. Tan or yellow sides, "hourglass" pattern. Cream or white belly	Southern right whale dolphin <3m  No dorsal fin. Slender body. Black upper. White underside, beak and flipper	False killer whale <6m  Black body. Erect dorsal fin, rounded tip. Rounded head. Often breaches. Can mass strand. Seasonal visitor to NZ	Humpback whale <16m  Blackish body. White underside, esp under tail and flippers. Knobbly head. Long flippers. Dorsal fin on hump
Bottlenose dolphin <4m  Robust body. Distinctive beak. Rounded forehead. Grey upper body, paler underside	Spectacled porpoise <2.2m  Robust body. No beak. Blue-black upper. White lower half and flippers. Black eye patch with white ring. Dorsal rounded (male) or triangular (female). Subantarctic vagrant	Sperm whale <18m  Large blunt head. Humped ridge along back. Wrinkly skin. Blow angled forward. Shows flukes	Sei whale <18m  Blue-grey body, white under. Black baleen with white fringe. Highish dorsal fin
Hourglass dolphin <1.8m  Short beak. Curved dorsal fin. Black upper. White belly and "hourglass" pattern on sides. Rarely seen	Pygmy sperm whale <3.4m  Robust body. Squarish head. Tiny dorsal fin. Tiny, underslung lower jaw. Grey upper, light belly. False gill behind eye	Minke whale <9m  Dark blue-grey body, pale scallops on sides. Yellowish baleen. White patch on flipper	Fin whale <24m  Dark grey body, white below. Pale baleen. Highish dorsal fin. Asymmetrical head colour
Striped dolphin <2.5m  Similar shape to Common. Sleek body. Prominent beak. Dark upper and dorsal fin. Light grey sides. White or pink belly. Thin dark stripes from behind eye	Killer whale <9m  Black upper, white belly and patch around eye. Male dorsal fin very tall and sharp. Flippers rounded	Pygmy right whale <6.5m  Dark grey body above, white below. Arched jaw. Has a dorsal fin	Blue whale <30m  Slate blue body. Black baleen. Small dorsal fin, well back. Shows flukes
Acknowledgements: Food and Agriculture Organization of the United Nations. ID images from: Jefferson, T.A., S. Leatherwood, and M.A. Webster. FAO species identification guide. Marine mammals of the world. Rome, FAO. 1993. 320 p. 587 figs			



DEPARTMENT OF CONSERVATION
Te Papa Atawhai
MARINE MAMMAL - LIVE SIGHTING FORM

Sighting ID No. _____
National office database
input only

IMPORTANT: if you see an entangled, stranded or dead marine mammal please call **0800 DOC HOT** (0800 362 468) as soon as possible. Please complete as much of this form as possible and send to: marinemammals@doc.govt.nz or Marine Species & Threats, P0 Box 10420, Wellington 6143

DETAILS

Observer's name: _____ Agency: _____

Vessel details: _____

Address: _____ Ph, email etc: _____

Time of observation: _____ Date of observation: _____

LOCATION

Name/Description/FMA: _____

_____ (with photocopy of map)

Nearest town/area _____ Distance from shore: _____

☐ Map or ☐ GPS reference: _____

What map grid did you use? ☐ NZMS260, ☐ Topo50, ☐ Other: _____

Seen from: ☐ Shore ☐ Boat ☐ Aircraft ☐ Underwater ☐ Other _____

ENVIRONMENT

Depth: _____ Habitat: _____

Sea condition (Beaufort scale): _____ Wind Direction: _____ Strength: _____

Swell (circle): None / Light (0-1m) / Moderate (1-2m) / Heavy (>2m)

Tides (circle): H / M/ L Incoming / Outgoing

ANIMAL PLEASE MAKE TAKING PHOTOS OF THE ANIMAL A **PRIORITY**

Photos/video: ☐ Yes ☐ No

Animal type: ☐ Hector's / Maui's dolphin ☐ Other dolphin ☐ Beaked whale ☐ Toothed whale

☐ Baleen whale ☐ Seal

Number of animals (total): _____ Species: _____

Number of adults: _____ Number of juveniles (if present): _____

ID confidence (definite/probable/unsure): _____ ☐ Used key

ANIMAL DETAILS

Description of animal (colour/shape of body, dorsal fin, tail, any scars present etc): _____

Shape of blow (tall, bushy, v-shaped, angled etc): _____

Total length of animal (please note unit of measurement): ☐ Juvenile _____ ☐ Adult _____

Description of behaviour: _____

_____ Direction animals heading: _____

True seals (Phocids)

Leopard seal (*Hydrurga leptonyx*)



Big, snake-like head. Grey fur, black spots. Sharp, tri-lobed teeth. Males: up to 3m, 270kg. Females: up to 3.5, 300kg. Regular visitor to NZ

Southern elephant seal (*Mirounga leonina*)



Dark grey to brown. Pointed peg-like teeth. Males: up to 5m, 3600kg. Large proboscis. Females: up to 3m, 900kg. Regular visitor to NZ

Weddell seal (*Leptonychotes weddellii*)



Large body, small head. Dark brown, mottled spots. Tri-lobed teeth. Size: up to 3m, 400-600kg. Very rare vagrant to NZ

Crabeater seal (*Lobodon carcinophaga*)



Slender body, long head. Dark brown to blonde fur. Four-five lobes per tooth. Size: up to 2.5m, 200kg. Very rare vagrant to NZ

Ross seal (*Ommatophoca rossii*)



Short head, large eyes. Throat striations. Dark brown, silvery belly. Tri-lobed teeth. Males: up to 2m, 130-215kg. Females: up to 2.5, 130-215kg. Very rare vagrant to NZ

Eared seals (Otariids)

NZ sea lion (*Phocarctos hookeri*)



Blunt nose. Males: up to 3.5m, 250-400kg, dark brown fur. Females: up to 2m, 100-160kg, honey-coloured fur. Southern NZ and Sub-Antarctic

NZ fur seal (*Arctocephalus forsteri*)



Pointed nose. Dark brown fur. Males: up to 2.5m, 150kg. Females: up to 1.5m, 30-60kg. Widely distributed

Sub Antarctic fur seal (*A. tropicalis*)



Pointed nose, short face. "Mohawk" hair, big eyes. Dark brown, cream throat. Males: up to 2m, 160kg. Females: up to 1.5m, 50kg. Rare vagrant to NZ

Antarctic fur seal (*A. gazella*)



Short, wide, pointed nose. Dark brown fur. Males: up to 2m, 90-210kg. Females: up to 1.5m, 30-60kg. Rare vagrant to NZ

Otariids (eared seals) – fur seals and sea lions

☐ External ear ☐ Thick insulating fur
☐ Swim with large front flippers ☐ Flippers bare
☐ "Walk" with belly off ground
☐ Can rotate hind flippers

Phocids (true seals) – Antarctic seals

☐ No external ear ☐ Short fur, blubber insulation
☐ Front flippers short ☐ Swim with hind flippers
☐ "Inch-worm" on land ☐ Hind flippers trail behind
☐ Flippers furry