

**Institute of Veterinary, Animal and Biomedical Sciences
Massey University**

PATHOLOGY REPORT

Status: Pending

Date:

Type: Mortality

Submitter	Submission Details
	Lab. Case/Spec ID: 44862 Submitter's Ref: H195 Date Submitted: Date Received: 12/05/2010 Previous Case ID: WMD Case/Spec ID: 5026/1
Animal Details	Epidemiology
Animal ID: Animal Name: W10-01Ch Species: <i>Cephalorhynchus hectori hectori</i> Common Name: Hector's Dolphin Sex Class: Male Age Class: Adult Date Died:	Number Dead: Number at Risk: Number Sick: Number Submitted: 1

Growth and Development

Parameter	Result Description	Value	Date Measured	Age Group
Depth of Tail Notch		.026 m		Adult
Dorsal Blubber Depth		20 mm		Adult
Eye to Blowhole Length		.12 m		Adult
Eye to Corner of Mouth Length		.027 m		Adult
Girth at Anus		.43 m		Adult
Girth at Eye		.53 m		Adult
Girth at Flippers		.77 m		Adult
Girth at Navel		.78 m		Adult
Height of Dorsal Fin		.08 m		Adult
Lateral Blubber Depth		16 mm		Adult
Length of Base of Dorsal Fin		.18 m		Adult
Length of Flipper		.165 m		Adult
Length of Flukes		.085 m		Adult
Snout to Anus Length		.815 m		Adult
Snout to Corner of Mouth Length		.15 m		Adult
Snout to Genital Slit Length		.67 m		Adult
Snout to Origin of Dorsal Fin Length		.545 m		Adult
Snout to Origin of Flipper Length		.31 m		Adult

Total Length	1.15 m	Adult
Ventral Blubber Depth	15 mm	Adult
Width of Flipper	.072 m	Adult
Width of Flukes	.365 m	Adult
Weight	27.5 kg	Adult

DIAGNOSIS

1. Drowning - Saltwater

GROSS PATHOLOGY

The animal weighed 27.5kg, and was in good body condition and a good state of preservation (the carcass had been frozen than thawed). Almost circumferentially around the mid-snout were multiple, discrete, linear skin excoriations; over the dorsal snout there were three, laterally there were 2-3, and ventrally, just a single excoriation.

Two entire squid (roughly 12cm in length) were located in the oesophagus but the stomach was devoid of ingesta as was most of the small and large intestine. Attached to both the glandular and non-glandular portions of the gastric mucosa contained around 10-15, translucent, fluid-filled, spherical structures (~10mm in diameter), each firmly attached to the mucosa by a 2mm thick white stalk. Upon incision, the spherical structures contained a single, horse-shoe shaped body that occupied around one third to one half of the internal portion of the cyst.

No other abnormalities were noted on gross post-mortem.

Pathologist: