

"pitchy" evacuations. No return of fits, took his food and water well. As the "pitchy" stools continued, on the 24th another five grains of calomel was given. He was discharged from the "hospital" quite well on the 26th.

This dog has turned out one of the finest of the pack, was invaluable during the sledging season, and was also landed at Disco on our way home.

#### CASE No. 11.

This dog had an epileptiform fit, 22nd August, and fell off the topgallant forecastle; no inclination to bite, foaming at the mouth. As he appeared quiet I did not give him any medicine, but had him tied up. The next morning he had several well-marked tetanic convulsions, in one of which he died, his head and tail almost touching, from the violence of the downward curve of his spine. Opium was administered, but his death was too rapid to have any effect.

#### Sectio Cadaveris. Two hours post mortem.

Rigor mortis subsiding; head and spine not examined; chest contracted, and lung collapsed, as in the other cases; heart healthy, firmly contracted. Abdomen: liver healthy; gall bladder full; spleen and pancreas healthy; stomach contained a quantity of biscuit; large intestines contained a large quantity of irregular lumps of hardened fæces. In the immediate neighbourhood of the ileo-cæcal valve semi-livid spots were noticed. On slitting up this portion of the intestine the inner surface of the colon was found studded with a number of greenish bodies, hard to the touch, and having depressed centres; they did not extend into the ileum. For some distance on either side of the valve the surface was coated with a tenacious substance much resembling pitch. Bladder healthy.

#### CASE No. 12.

This animal had a well-marked tetanic fit, August 25th; no foaming at the mouth. Took his food and water well; some weakness in his hind legs; "pitchy" evacuations. One drop of croton oil was given, which operated freely, causing a copious and very offensive black excretion. On the 26th he was very feeble, had twitching of the legs on the right side, and constantly opened his mouth. Two grains of opium were given, and repeated in 12 hours, as he appeared to be in pain, howling, and restless. On the 29th this dog was drowned; he did fair to make a good recovery, as he had no return of fits, took his food well. Stools normal, and did not appear to suffer. All the dogs were at this time landed, and he got into the sea, but whether in a fit or not I do not know.

#### CASE No. 13.

Up to the present case the dogs were kept on board, and under my personal observation, but some of the remaining reports I quote from hearsay.

This dog was reported to me as having died on the evening of the 29th August. All I could learn was, that he had had a fit the same morning. A post-mortem examination was made, with the following results:—

#### Sectio Cadaveris. 36 hours post mortem.

The body was extremely stiff, but whether through rigor mortis, or caused by the cold, I could not determine (temperature + 25.2). Chest contracted, and lungs collapsed, as in the previous cases. Intestines contained the same "pitchy" tenacious substance as did the others, and three or four inches on each side of the ileo-cæcal valve was studded with umbilicated elevations, evidently ulcers.

#### CASE No. 14.

This dog died on the evening of September 5th. From what I could learn, after the event, he had had several fits during the preceding 24 hours; no inclination to bite, no foaming at the mouth; he was not under treatment.

#### Sectio Cadaveris. Two hours post mortem.

Rigor mortis subsiding; head and spinal canal not opened; chest contracted, and lungs collapsed, as in the former cases; heart healthy; abdomen, liver, spleen, pancreas, and kidneys healthy; ileum and cæcum contained the usual "pitchy" substance; intestines on either side of the ileo-cæcal valve ulcerated; coagula adherent to some of the ulcers, which were not so hard as in the previous cases, nor were the edges so elevated.