

DREDGING STATIONS OF THE DANISH ARCTIC EXPEDITION, 1882-'83.

The Danish Arctic expedition of 1882-'83 in the steamer *Dijnphna*, commanded by Lieutenant Hovgaard, was partially at the expense of the Danish Government, but mainly at that of the brothers Gamél. The naturalist in charge was Th. Holm. The zoological and botanical results were published in 1887 at Copenhagen in an octavo volume, containing papers by Holm, Jensen, Deichmann Brantb, Wille and Kolderup Rosenvinge, on the botany, and by Lütken, Hansen, Levinson, Bergh, Jungersen, Traustedt, Collin, and Holm on the zoology.

The dredgings were on the southern coast of Nova Zembla and in the Kara Sea.

- No. 1 in the Kostin Schar on the southwest coast of Nova Zembla.
- No. 2 in the Nicholskõi Schar on the southwest coast of Nova Zembla.
- No. 3 in the Olenjo Sund on the southwest coast of Nova Zembla.
- Nos. 4-6 in the Petuschowski Schar in the southwest coast of Nova Zembla.
- No. 7 in the Kara Sea, off Cape Yarasol.
- Nos. 8-10 in the Jugor Schar at its outlet into the Kara Sea.
- Nos. 11-183 in the Kara Sea.
- Nos. 189-90 in the Kara Strait, between Nova Zembla and Waigatsch Island.

Dredging stations of the Danish Arctic expedition, 1882-'83.

Serial number.	Date.	Latitude north.	Longitude east, Greenwich.	Depth.	Kind of bottom.	Higher altitude found.
	1882.	° ' "	° ' "	Fath.		
1	Aug. 12	71 24	52 49	5	Sand and stones	A.
2	Aug. 18	70 31	57 28	12	Blue clay, with stones	A.
3	Aug. 23	70 30	57 02	12	Sand and stones	A.
4	Aug. 28	70 34	56 18	5	do	A.
5	Aug. 29	70 34	56 18	5	do	A.
6	Sept. 1	70 34	56 18	5	do	A.
7	Sept. 9	69 52	60 40	10-12	Blue clay, with brown mud, stony	A.
8	Sept. 12	69 49	60 32	6	Sand and blue clay	A.
9	Sept. 13	69 49	60 32	6	do	A.
10	Sept. 15	69 48	60 33	6	Blue clay	A.
11	Sept. 26	70 15	64 25	65	Blue clay, with brown mud	
12	Sept. 27	70 17	64 20	70	do	
13	Sept. 28	70 12	64 37	67	do	
14	Sept. 29	70 10	64 41	65	do	
15	Sept. 30	70 11	64 30	67	do	
16	Oct. 2	70 12	64 23	69	Dark-brown clay	
17	Oct. 3	70 14	64 22	69	do	
18	Oct. 4	70 16	64 23	66	do	
19	Oct. 5	70 19	64 26	60	do	
20	Oct. 6	70 20	64 31	58	do	
21	Oct. 7	70 21	64 25	65	do	A.
22	Oct. 9	70 23	64 03	79	do	A.
23	Oct. 10	70 32	63 56	81	Blue clay, with brown mud	
24	Oct. 11	70 20	63 44	97	do	
25	Oct. 12	70 19	63 40	98	do	
26	Oct. 14	70 17	63 37	104	Dark-brown clay	
27	Oct. 16	70 21	63 55	78	do	
28	Oct. 17	70 16	64 11	75	do	
29	Oct. 19	70 07	64 22	70	Blue clay, with brown mud	A.
30	Oct. 20	70 07	64 27	67	do	
31	Oct. 21	70 08	64 42	67	do	
32	Oct. 23	70 07	64 52	61	do	
33	Oct. 24	70 03	64 53	61	Stiff gray clay, with a little brown mud	
34	Oct. 25	70 01	64 47	58	Blue clay, with brown mud	
35	Oct. 27	70 04	64 51	60	do	
36	Oct. 31	70 12	64 12	75	do	
37	Nov. 2	70 18	64 00	76	do	
38	Nov. 8	70 17	64 28	62	Dark-brown clay	

Dredging stations of the Danish Arctic expedition, 1882-'83—Continued.

Serial number.	Date.	Latitude north.	Longitude east, Greenwich.	Depth.	Kind of bottom.	Higher-ages found.
	1882.	o /	o /	Fath.		
39	Nov. 16	70 23	64 13	75	Blue clay, with brown mud	
40	Nov. 21	70 19	61 05	72	do	
41	Nov. 25	70 16	64 04	80	Stiff brownish-gray clay	
42	Dec. 1	70 15	63 52	80	Dark-brown clay	
43	Dec. 12	70 28	64 35	64	Blue clay, with brown mud	A.
44	Dec. 15	70 33	64 37	48	do	
45	Dec. 16	70 36	64 43	23	do	
46	Dec. 22	70 38	64 40	23	do	
	1883.					
47	Jan. 4	70 58	65 05	20	do	
48	Jan. 6	70 57	65 02	20	do	
49	Jan. 9	70 58	65 09	20	do	
50	Jan. 12	70 59	64 41	40	do	
51	Jan. 16	70 54	63 57	08	do	
52	Jan. 19	70 55	64 10	50	do	
53	Jan. 23	70 58	64 04	07	do	
54	Jan. 26	70 58	64 00	68	do	
55	Jan. 29	71 05	64 31	55	do	
56	Jan. 31	71 02	64 28	55	do	
57	Feb. 1	71 02	64 16	55	do	
58	Feb. 3	71 04	64 07	58	do	A.
59	Feb. 6	71 05	61 05	58	do	
60	Feb. 9	71 05	63 50	59	do	
61	Feb. 12	71 05	64 17	58	do	
62	Feb. 13	71 00	61 21	54	do	A.
63	Feb. 14	71 04	64 30	53	do	A.
64	Feb. 15	71 04	64 38	53	do	A.
65	Feb. 17	71 07	64 25	55	do	A.
66	Feb. 21	71 08	64 31	51	do	
67	Feb. 22	71 09	64 39	51	do	
68	Feb. 23	71 11	64 42	51	do	
69	Feb. 24	71 14	64 43	60	do	
70	Feb. 26	71 17	64 47	66	do	
71	Feb. 28	71 21	64 48	80	Blue clay, with ferruginous concretions	
72	Mar. 1	71 20	64 53	66	Blue clay, with ferruginous concretions, and small stones.	
73	Mar. 3	71 28	65 04	78	do	
74	Mar. 5	71 38	65 17	85	Blue clay, with brown mud	
75	Mar. 6	71 40	65 07	84	Blue clay, with small stones	A.
76	Mar. 7	71 39	65 02	83	Blue clay, with brown mud	
77	Mar. 8	71 36	64 59	79	do	
78	Mar. 9	71 33	64 56	76	Blue clay, with ferruginous concretions	
79	Mar. 10	71 34	64 53	77	do	
80	Mar. 12	71 41	64 37	67	Blue clay, with brown mud	
81	Mar. 13	71 41	64 45	73	do	
82	Mar. 15	71 41	64 47	72	do	
83	Mar. 16	71 40	64 47	71	do	
84	Mar. 17	71 40	64 43	71	Blue clay, with small stones, and ferruginous concretions.	
85	Mar. 19	71 36	64 32	60	Blue clay, with brown mud and ferruginous concretions.	
86	Mar. 21	71 34	64 30	60	Blue clay, with brown mud	
87	Mar. 24	71 32	64 24	55	Blue clay, with ferruginous concretions	
88	Mar. 27	71 32	64 26	55	do	A.
89	Mar. 28	71 33	64 27	55	do	
90	Mar. 29	71 35	61 32	59	do	A.
91	Mar. 30	71 34	64 37	60	do	
92	Mar. 31	71 32	64 36	63	Blue clay, with brown mud	
93	Apr. 2	71 30	64 33	56	Blue clay, with ferruginous concretions and small stones.	
94	Apr. 3	71 28	64 33	56	Blue clay, with brown mud and small stones	
95	Apr. 6	71 31	64 34	57	Blue clay, with brown mud and ferruginous concretions.	
96	Apr. 7	71 33	64 33	58	do	A.
97	Apr. 9	71 34	64 33	57	do	
98	Apr. 10	71 36	64 33	60	do	A.
99	Apr. 11	71 37	64 38	70	Blue clay, small stones	
100	Apr. 12	71 40	64 43	68	Blue clay, with brown mud and ferruginous concretions.	
101	Apr. 13	71 44	65 03	81	Blue clay, with brown mud, and large stones	
102	Apr. 14	71 44	65 06	82	Blue clay, with brown mud, and ferruginous concretions.	
103	Apr. 16	71 45	65 20	88	Light-brown clay, with brown mud, and ferruginous concretions.	
104	Apr. 17	71 44	65 22	89	do	

Dredging stations of the Danish Arctic expedition, 1882-'83—Continued.

Serial number.	Date.	Latitude north.	Longitude east, Greenwich.	Depth.	Kind of bottom.	Higher altitude found.
	1883.	° ' "	° ' "	Fath.		
105	Apr. 18	71 45	65 12	99	Light-brown clay, with brown mud	
106	Apr. 19	71 46	65 14	89	do	
107	Apr. 21	71 44	65 11	91	do	
108	Apr. 23	71 43	65 04	80	Light-brown clay, with brown mud, and ferruginous concretions.	
109	Apr. 24	71 39	64 56	73	do	
110	Apr. 25	71 38	64 58	79	Dark-brown clay, with brown mud, stones, and ferruginous concretions.	
111	Apr. 26	71 37	64 56	74	Grayish-brown clay, with ferruginous concretions.	
112	Apr. 27	71 37	64 54	74	Grayish-brown clay.	
113	Apr. 28	71 36	64 49	70	Grayish-brown clay, with brown mud.	
114	Apr. 30	71 38	64 37	65	Grayish-brown clay, with small stones, and ferruginous concretions.	
115	May 1	71 34	64 22	50	do	
116	May 2	71 33	64 17	50	Blue clay, with brown mud, and ferruginous concretions.	
117	May 4	71 32	64 17	50	do	
118	May 5	71 34	64 18	44	do	
119	May 7	71 35	64 12	49	do	
120	May 8	71 32	64 18	53	do	
121	May 9	71 32	64 19	51	do	
122	May 10	71 31	64 22	53	do	
123	May 11	71 24	64 17	56	Blue clay, with brown mud.	A.
124	May 12	71 27	64 20	53	do	
125	May 15	71 25	64 22	50	Blue clay, with ferruginous concretions.	
126	May 16	71 24	64 21	55	Blue clay, with brown mud.	
127	May 17	71 22	64 20	68	Blue clay, with brown mud, and ferruginous concretions.	
128	May 18	71 21	64 23	69	do	
129	May 21	71 21	64 18	68	do	
130	May 22	71 22	64 17	56	do	
131	May 24	71 25	64 18	55	do	
132	May 26	71 18	64 01	55	Blue clay, with brown mud.	
133	May 28	71 21	64 07	55	do	
134	May 30	71 22	64 02	55	Blue clay, with brown mud, and ferruginous concretions.	
135	June 1	71 20	64 05	56	Blue clay, some small stones.	
136	June 4	71 18	64 16	57	Blue clay, with brown mud, and ferruginous concretions.	
137	June 4	71 17	64 16	60	do	
138	June 8	71 16	64 16	59	Blue clay, with brown mud.	
139	June 9	71 15	64 16	64	Blue clay, with sandy clay, and a few small stones.	
140	June 11	71 12	64 20	56	Blue clay, with brown mud, and ferruginous concretions.	
141	June 12	71 13	64 22	50	Blue clay, with brown mud.	
142	June 14	71 10	64 11	73	Blue clay, with brown mud, and a few ferruginous concretions.	
143	June 15	71 09	64 06	58	do	
144	June 16	71 10	64 02	75	do	
145	June 18	71 18	63 42	70	do	
146	June 19	71 20	63 39	69	Blue clay, with brown mud.	
147	June 20	71 21	63 43	65	Blue clay, with brown mud, and ferruginous concretions, and small stones.	
148	June 21	71 20	63 49	85	Blue clay, with brown mud.	
149	June 23	71 18	63 48	82	do	
150	June 25	71 15	63 44	91	do	
151	June 26	71 14	63 44	93½	Blue clay, with brown mud, and sandy clay	
152	June 27	71 13	63 43	83	Blue clay, with brown mud, and ferruginous concretions.	A.
153	June 28	71 12	63 43	85	Blue clay, with brown mud.	
154	June 29	71 12	63 43	95	do	
155	June 30	71 11	63 42	78½	Blue clay, with brown mud, ferruginous concretions, and stones.	
156	July 1	71 10	63 37	67½	Blue clay, with brown mud, and ferruginous concretions.	
157	July 2	71 09	63 33	70	do	
158	July 3	71 07	63 24	70	Blue clay, with brown mud.	
159	July 4	71 06	63 22	73	do	
160	July 5	71 04	63 13	72	do	
161	July 6	71 05	63 10	72	do	
162	July 7	71 03	63 07	79½	Blue clay, with brown mud, and ferruginous concretions.	
163	July 9	71 05	62 55	80	Blue clay, with brown mud.	
164	July 12	71 02	62 46	60	do	
165	July 14	71 05	62 38	75	Blue clay, with brown mud, and stones.	
166	July 16	71 04	62 40	70½	do	
167	July 18	71 04	62 37	75	do	

Dredging stations of the Danish Arctic expedition, 1882-'83—Continued.

Serial number.	Date.	Latitude north.	Longitude east, Greenwich.	Depth.	Kind of bottom.	Higher al- gae found.
	1883.	° ' /	° ' /	Fath.		
168	July 20	71 00	62 42	75	Blue clay, with brown mud	
169	July 22	71 05	62 47	73	Blue clay, with brown mud, and stones	
170	July 24	71 04	62 40	74	Blue clay, with brown mud	
171	Aug. 2	71 14	62 37	70	do	A.
172	Aug. 4	71 18	62 10	58	Blue clay, with brown mud, and stones	
173	Aug. 7	71 16	61 37	46	do	A.
174	Aug. 8	71 13	61 28	48½	do	
175	Aug. 10	71 10	61 22	52	do	
176	Aug. 13	71 11	61 12	53	do	
177	Aug. 16	70 59	60 30	68½	Blue clay and brown mud, with many sandy worm-tubes.	A.
178	Aug. 17	70 52	60 00	92	Blue clay, with light-brown mud, and small stones	A.
179	Aug. 20	70 54	59 51	83	Blue clay, and small stones	A.
180	Aug. 22	70 56	59 49	97	do	A.
181	Aug. 22	70 56	59 36	100	do	A.
182	Aug. 24	70 57	59 35	100	Blue clay and brown mud, with small stones	
183	Aug. 30	71 04	59 49	98	Blue clay and small stones	
184	Sept. 3	71 17	59 43	74	Blue clay, with brown mud, sand-tubes, and small stones.	A.
185	Sept. 4	71 10	59 24	100	Blue clay, with brown mud	A.
186	Sept. 5	71 08	59 15	106	Blue clay and brown mud, with very numerous sand-tubes.	
187	Sept. 8	71 18	59 44	63	Blue clay and many sand tubes	A.
188	Sept. 9	71 20	59 58	30	Blue clay and many sand-tubes, with some mud and stones.	A.
189	Sept. 21	70 20	57 53	63	Sandy clay, and stony	A.
190	Sept. 22	70 20	57 47	50	do	A.