

Navicula elliptica Kütz.

This species is both a freshwater and brackishwater one. It was found only at Teller.

Navicula fusca Greg.

This is a marine species which was found at Teller, July, 1913; it was fairly plentiful.

Navicula fusca Greg. var. **delicata** A.S.

This variety appeared in two collections from Teller, once in July collections and once in August collections.

Navicula Hienedyi W. Sm.

This is one of the few marine diatoms that were found at Bernard harbour. It was in the mud taken from the big lake, February, 1916.

Navicula Hitchcockii Ehr.

This species was found only at Teller, in the lagoon lake, 1913.

Navicula humerosa Bréb.

This marine form was secured from the brackish pond at Teller, and from a mud sample, February, 1916, from the big lake at Bernard harbour.

Navicula longa Greg.

This is a marine form found repeatedly in the freshwater collections. It appeared in the lagoon lake and the brackish pond at Teller, July and August, 1914. At Bernard harbour it appeared in the plankton of the big lake and on the *Ophrydium* mass.

Navicula maculata Edwards

This species was rather numerous in one sample of plankton, September, 1915, and also on the *Ophrydium* mass from the lake at Bernard harbour.

Navicula major Kütz.

This species appeared in small numbers in the collections from the lagoon lake at Teller.

Navicula mesolepta Ehr.

This diatom was found in the same gatherings as the last species but was somewhat more numerous.

Navicula nobilis Ehr.

This large diatom appeared in a number of collections and was usually somewhat below average size. It was not numerous in any one sample. It occurred in the lagoon lake and the brackish pond at Teller, in the *Hippuris* swamp at Herschel island, at Collinson point, at Bernard harbour in the lake collections; one frustule was seen in the contents of a fish stomach taken at Bernard harbour, October 4, 1915.

Navicula ovalis W. Sm.

This species was found in the lagoon lake at Teller, and in a mud sample from the big lake at Bernard harbour. It was not plentiful in either of the collections. It is more of a brackish than a freshwater diatom.