

***Epithemia turgida* (Ehr.) Kütz. var. *Westermanii* Kütz.**

In addition to being found in fair quantity along with the species this variety was also found at Martin point, June, 1914, and on the *Ophrydium* mass from the lake at Bernard harbour, August, 1915.

***Epithemia zebra* (Ehr.) Kütz.**

This small member of the genus was not common and only occurred in two samples obtained in July and August, 1913, at Teller.

NITZSCHIAEAE.***Hantzschia* Grun.*****Hantzschia amphloxys* (Ehr.) Grun.**

This species was found in small quantities in the lagoon lake at Teller, August, 1913, in a tundra pond at Collinson point, June, 1914, and at Bernard harbour, June, 1915.

Nitzschia* Hass.**Nitzschia acuminata* (W. Sm.) Grun.**

Only a few frustules of this species were seen in a sample from the lagoon lake at Teller. It is normally a brackishwater type.

***Nitzschia Brébissonii* W. Sm.**

This species also was only recorded from the brackish pond at Teller, August, 1913. It is a brackishwater species.

***Nitzschia Closterium* W. Sm.**

Like the preceding species this is a brackishwater type and was found in the brackish pond at Teller. Rare.

***Nitzschia lanceolata* W. Sm.**

This is another of the brackish forms from the brackish pond at Teller. Not common.

***Nitzschia Tryblionella* Hantz.**

The type form of this species was found in the lagoon lake at Teller.

***Nitzschia Tryblionella* Hantz. var. *littoralis* Grun. [*N. littoralis* Grun.]**

This diatom was found in the lagoon lake at Teller, July and August, 1913, and in a fish stomach obtained at Bernard harbour, October 4, 1915. Not abundant.

***Nitzschia scutellum* S.B.D.**

This species was found in the same collections at Teller as the last named one and was about as frequent.

***Nitzschia sigmoidea* (Ehr.) W. Sm.**

This species was found in a number of collections from Teller and in a sample from the tundra pond at Collinson point; also one frustule in a fish stomach, October 4, 1915, at Bernard harbour.

***Nitzschia stagnorum* Rab.**

Two frustules of this species were seen in the material from a fish stomach, secured October, 1915, at Bernard harbour.