

Opephora Petit

O. pinnata (Jan. & Rabh.) Petit—New Zealand, Petit (1888).

Rhabdonema Kütz.

R. adriaticum Kütz.—Hauraki Gulf, C1; Auckland Harbour, CW2; Wellington Harbour, C1; Lyall Bay, P.

R. crozieri Ehrenb.—Lyall Bay, P.

R. hamuliferum Kitt. ex Petit—Lyall Bay, P, (TYPE).

R. minutum Kütz.—Bruce's Rocks, Dunedin, W2.

Rhaphoneis Ehrenb.

R. amphiceros Ehrenb. (*R. rhombus* Ehrenb.)—Lyall Bay, P; Foveaux Strait, P.

R. belgica Grun ex van Heurck—Bruce's Rocks, Dunedin, W2.

R. fasciolata Greg. var. *fasciolata*—Lyall Bay, P.

R. fasciolata Greg. var. *australis* Petit—Lyall Bay, P, (TYPE).

Striatella Agardh

***S. unipunctata** (Lyngb.) Agardh—Goat Island Bay, Leigh, T; Wellington Harbour, CW2; Otago Harbour, B.

Synedra Ehrenb.

S. frauenfeldii Grun.—Waitarere Beach, CC.

S. fulgens (Grev.) W. Sm.—Goat Island Bay, Leigh, T; Hauraki Gulf, CW2, C1; Auckland Harbour, CW2; Castle Point, C1; Wellington Harbour, C1; Cook Strait, C1; Anderson's Bay, Dunedin, W2.

S. gaillonii (Bory.) Ehrenb.—Hauraki Gulf, CW2; Lyall Bay, P.

S. superba Kütz.—Lyall Bay, P.

†**S. tabulata** (Agardh) Kütz.—Agar, M.

S. undulata (Bail.) Greg.—Hauraki Gulf, C1; Dunedin, CW2; Portobello, W2.

Thalassionema (Grun.) Hust.²²

***T. nitzschioides** (Grun.) Hust. (*Thalassiothrix nitzschioides* Grun. ex van Heurck)
—Widely distributed. 22 records.

Thalassiothrix Cleve & Grun.

***T. frauenfeldii** Grun.—Widely distributed. 10 records.

***T. longissima** Cleve & Grun.—New Zealand waters, CW2; Jellicoe Channel, C3; New Plymouth/Kawhia, C2; Marlborough Sounds, C2.

Trachysphenia Petit

T. australis Petit—Lyall Bay, P, (TYPE): North-east Harbour, Dunedin, W1, W2.

Sub-order ACHNANTHINEAE

Family ACHNANTHACEAE

Achnanthes Bory

†**A. brevipes** Agardh—Hauraki Gulf, C1; Auckland Harbour, CW2; Castle Point, C1; Lyall Bay, P; Anderson's Bay, Dunedin, W2.

A. glabrata Grun. var. *glabrata*—Lyall Bay, P.

A. glabrata Grun. var. *aucklandica* Grun.—Auckland, Cleve & Grunow (1880).

A. longipes Agardh—Widely distributed. 10 records.

†**A. subsessilis** Kütz.—Lyall Bay, P.

Campyloneis Grun.

C. grevillei (W. Sm.) Grun. (*C. argus* Grun.)—Lyall Bay, P; Smith's Bay, Dunedin, W2; Bruce's Rocks, Dunedin, W2. The Lyall Bay record is of *C. argus*; Petit also records *C. grevillei* but without locality.