

Nitzschia

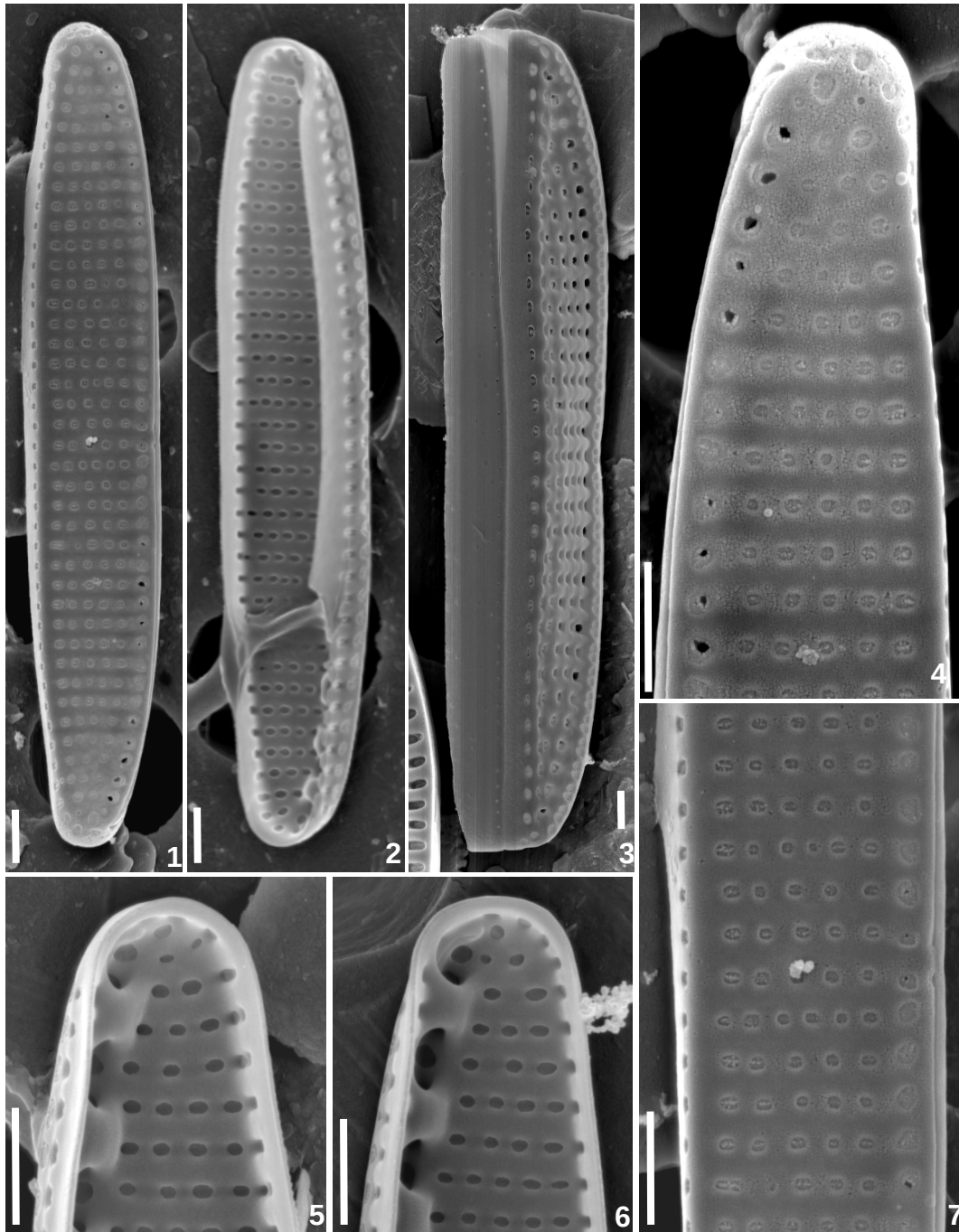


Plate 255

LM: x1500

Figs 1-30: *Nitzschia supralitorea* Lange-Bertalot, p. 48 [NZSU]

Figs 31-66: *Nitzschia fonticola* Grunow, p. 47 [NFON]

Figs 67-84: *Nitzschia acidoclinata* Lange-Bertalot, p. 46 [NACD]

Scale bar = 10 μm

Figs 1-18: Safareja Stream (Guadiana basin), 27-04-2006.

Figs 19-30: Peramanca Stream (Sado basin), 05-04-2006.

Figs 31-49: Belver, Tejo River (Tejo basin), 06-07-2006.

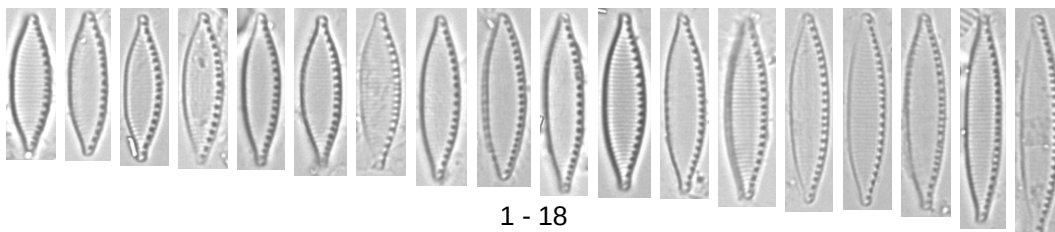
Figs 49-66: Barquinha, Tejo River (Tejo basin), 06-07-2006.

Figs 67-84: Serra do Lobo, Vale Santo Stream (Tejo basin), 25-06-2006.

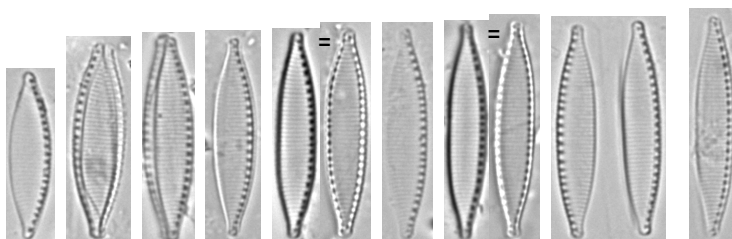
Figs 1-83: Valve view.

Fig. 84: Girdle view.

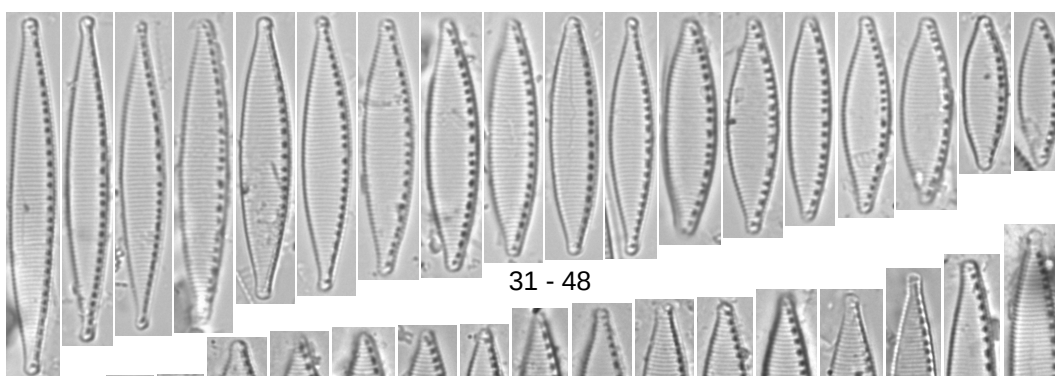
Nitzschia



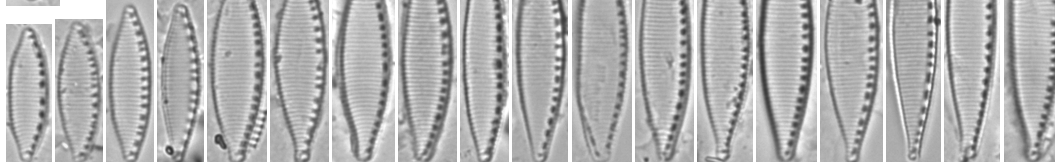
1 - 18



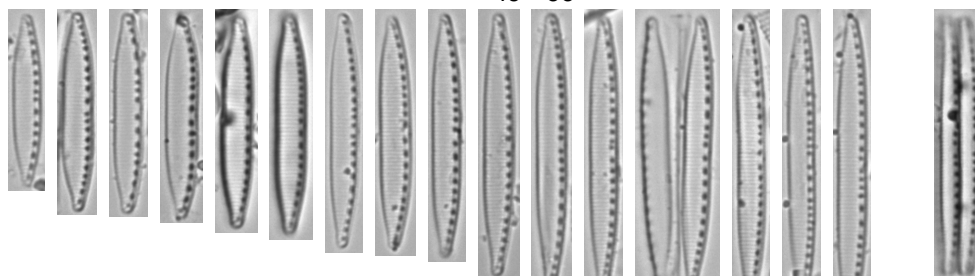
19 - 30



31 - 48



49 - 66



67 - 83

84

Plate 256

LM: x1500

Figs 1-51: *Nitzschia palea* (Kützing) W.Smith, p. 47 [NPAL]

Scale bar = 10 μm

Figs 1-16: Bicho, Ave River (Ave basin), 16-09-2007.

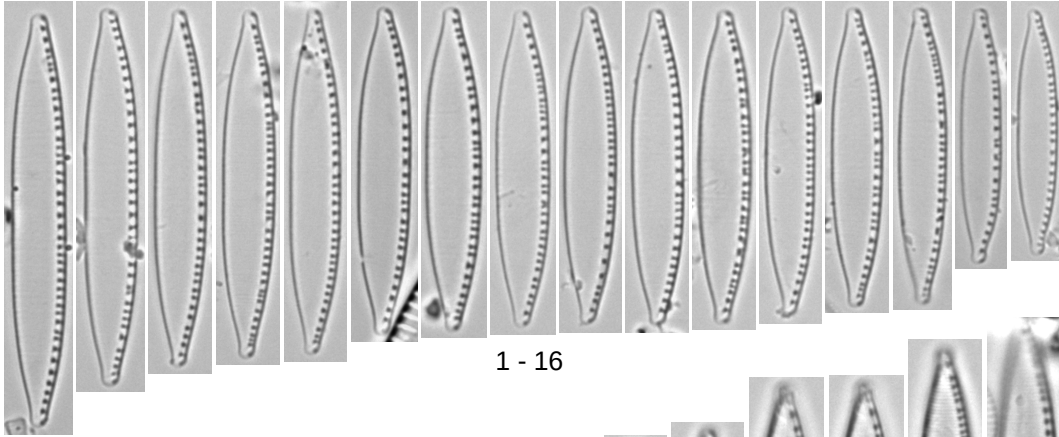
Figs 17-31: Xarrama River (Sado basin), 15-05-2006.

Figs 32-51: Boidobra, Corges Stream (Tagus basin), 07-07-2006.

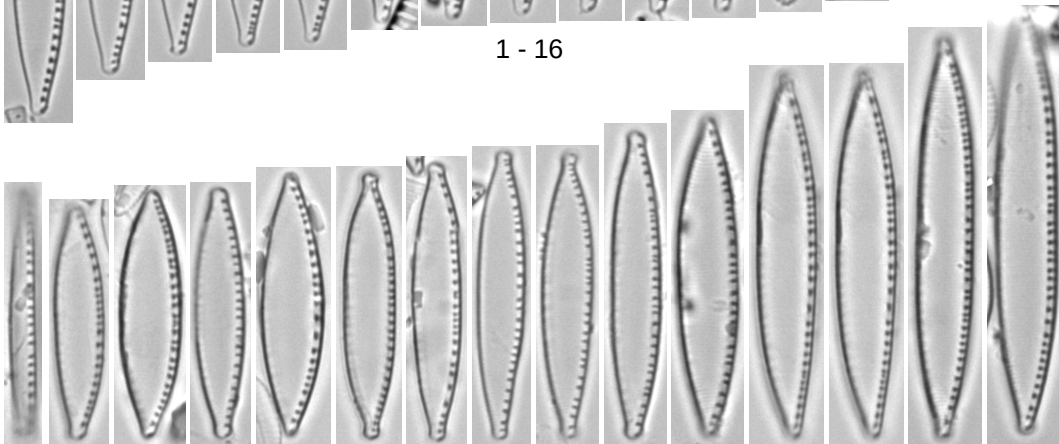
Figs 1-16, 18-51: Valve view.

Fig. 17: Oblique valve view.

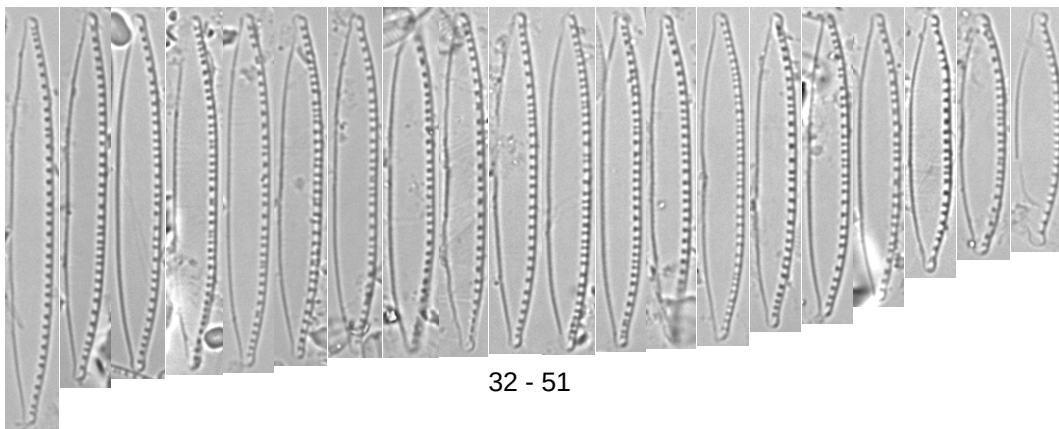
Nitzschia



1 - 16



17 - 31



32 - 51

Plate 257

LM: x1500

Figs 1-20: *Nitzschia paleacea* (Grunow) Grunow, p. 47 [NP AE]

Figs 21-37: *Nitzschia* cf. *incognita* Legler & Krasske, p. 47

Figs 38-47: *Nitzschia tabellaria* (Grunow) Grunow in Cleve & Grunow, p. 48 [NTAB]

Scale bar = 10 μm

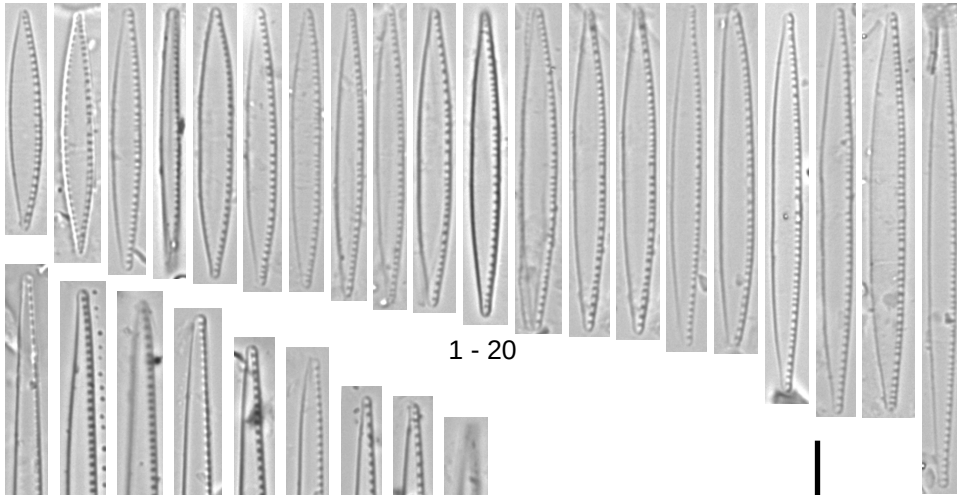
Figs 1-20: Monte Novo reservoir, Degebe River (Guadiana basin), 02-02-2006.

Figs 21-37: Casalinhas, Campo Stream (Tejo basin), 16-06-2006.

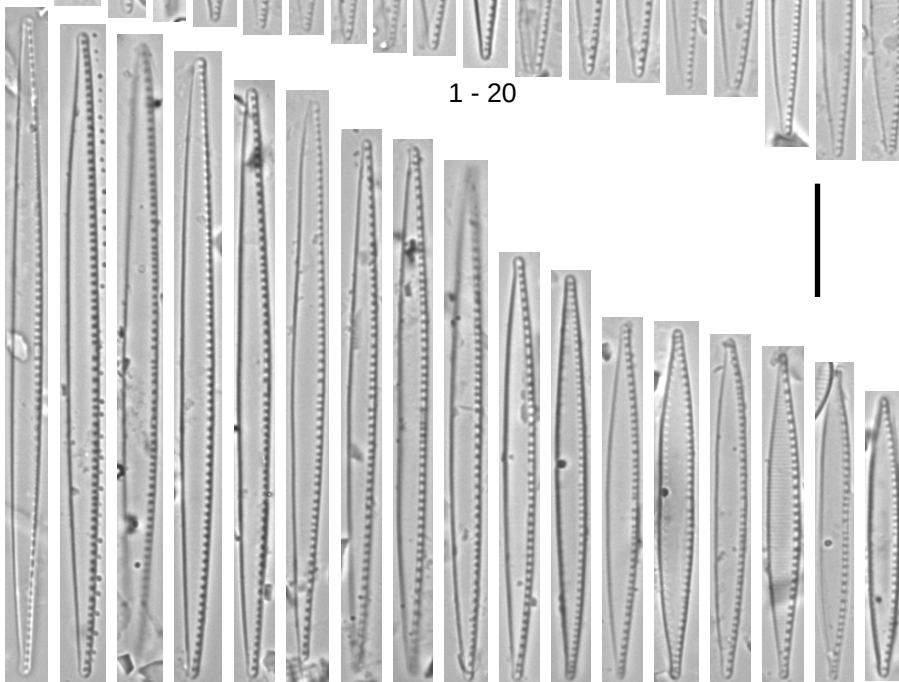
Figs 38-47: Junqueira, Maças River (Douro basin), 12-08-2007.

Figs 1-47: Valve view.

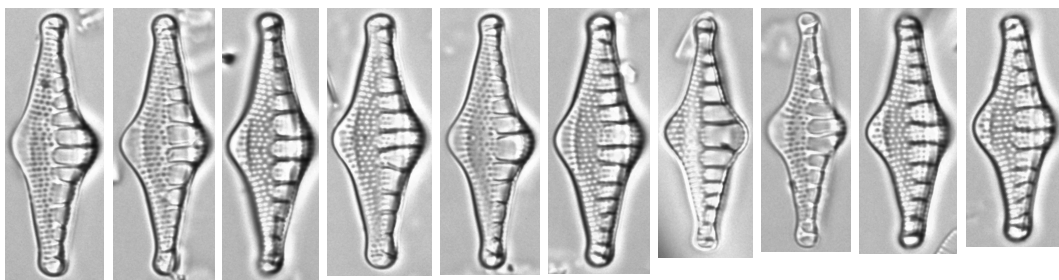
Nitzschia



1 - 20



21 - 37



38 - 47

Plate 258

LM: x1500

Figs 1-11: *Nitzschia capitellata* Hustedt, p. 46 [NCPL]

Figs 12-26: *Nitzschia* cf. *rectiformis* Hustedt, p. 48

Figs 27-33: *Tryblionella salinarum* (Grunow in Cleve & Grunow) Pelletan, p. 49

Scale bar = 10 μm

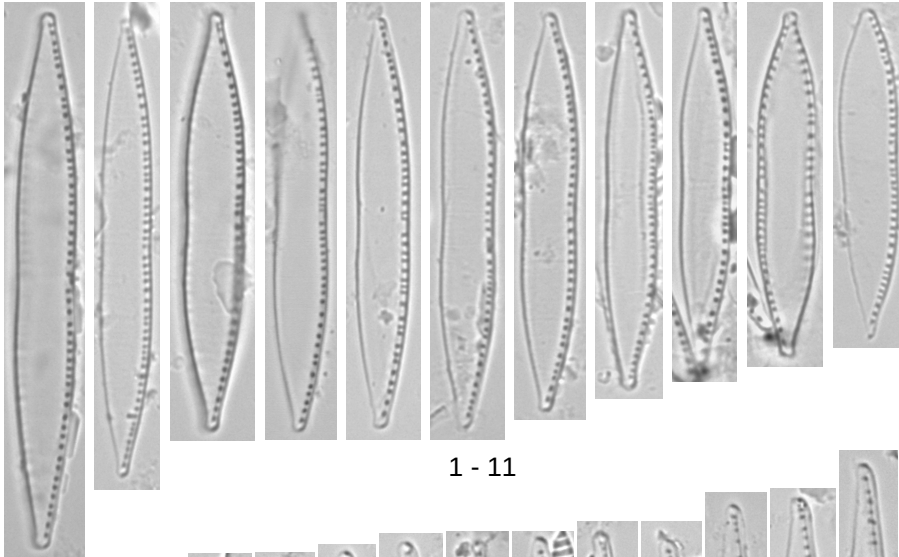
Figs 1-11: Azambuja Stream (Guadiana basin), 15-05-2006.

Figs 12-26: Sabugueiro, Fervença Stream (Sado basin), 07-07-2007.

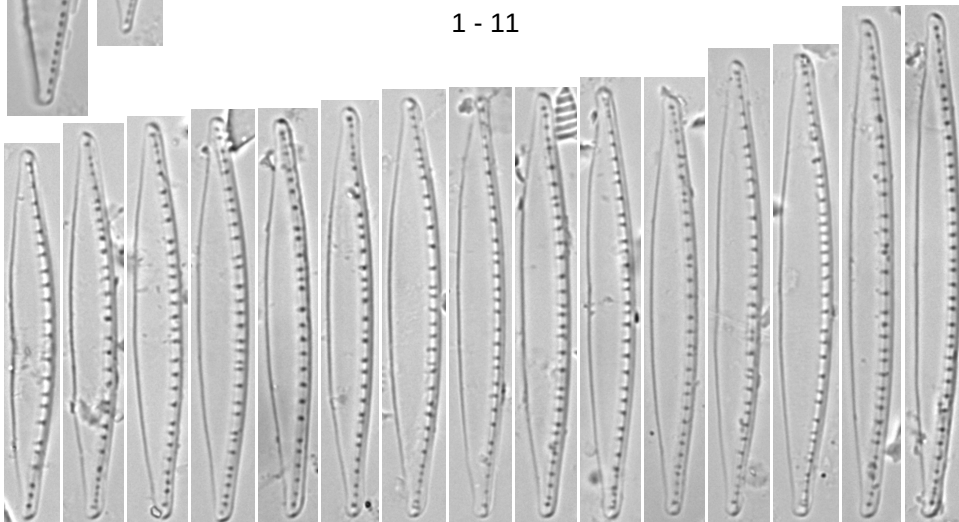
Figs 27-33: Peramanca Stream (Sado basin), 05-04-2006.

Figs 1-33: Valve view.

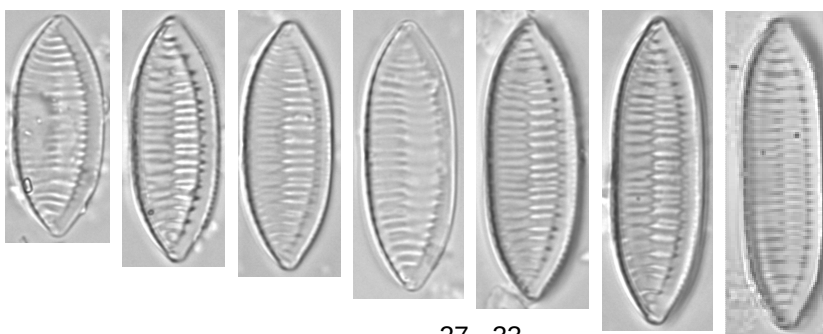
Nitzschia
Tryblionella



1 - 11



12 - 26



27 - 33



Plate 259

LM: x1500

Figs 1-48: *Nitzschia amphibia* Grunow, p. 46 [NAMP]

Scale bar = 10 μm

Figs 1-14: Azambuja Stream (Guadiana basin), 15-05-2006.

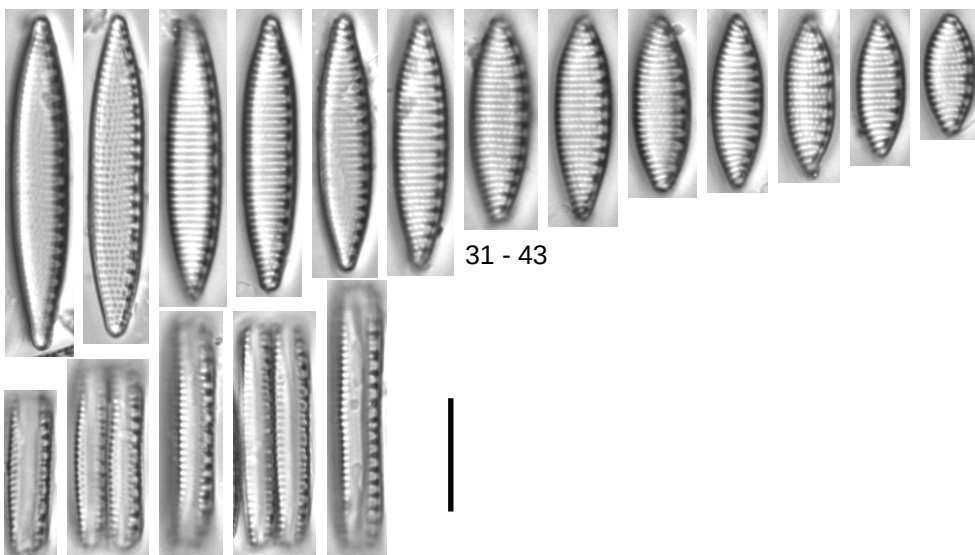
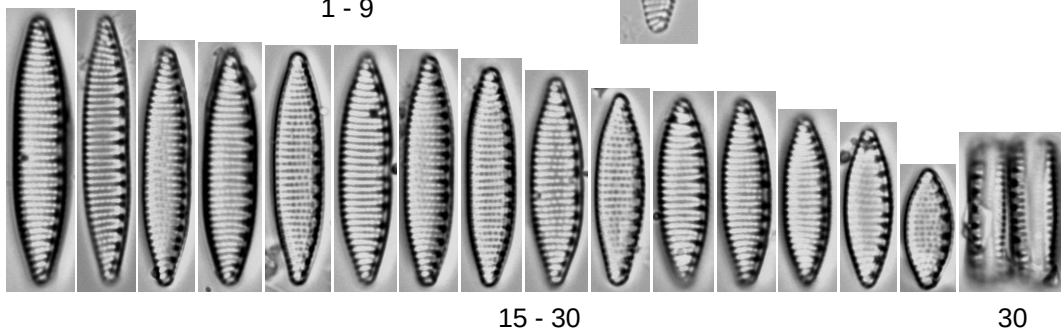
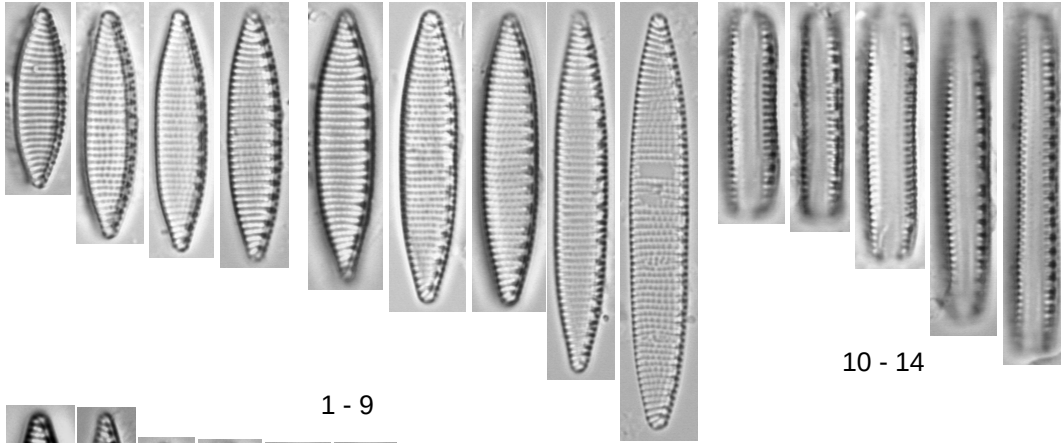
Figs 15-30: Xarrama River (Sado basin), 15-05-2006.

Figs 31-48: Belver, Tejo River (Tejo basin), 06-07-2006.

Figs 1-9, 15-29, 31-43: Valve view.

Figs 10-14, 30, 44-48: Girdle view.

Nitzschia



44 - 48

Plate 260

LM: x1500

Figs 1-26: *Nitzschia brevissima* Grunow, p. 46 [NBRE]

Figs 27-38: *Nitzschia dissipata* (Kützing) Grunow, p. 47 [NDIS]

Scale bar = 10 μm

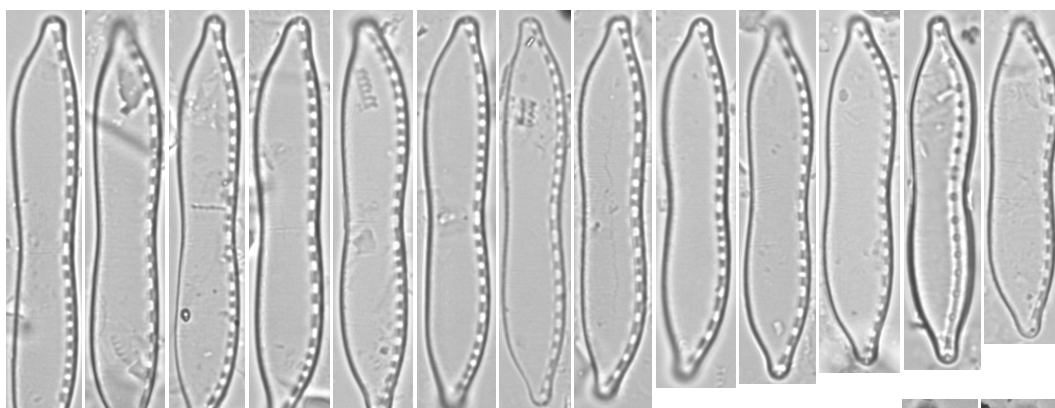
Figs 1-13: Belver, Tejo River (Tejo basin), 06-07-2006.

Figs 14-26: Penha de Águia, Guadiana River (Guadiana basin), 18-05-2006.

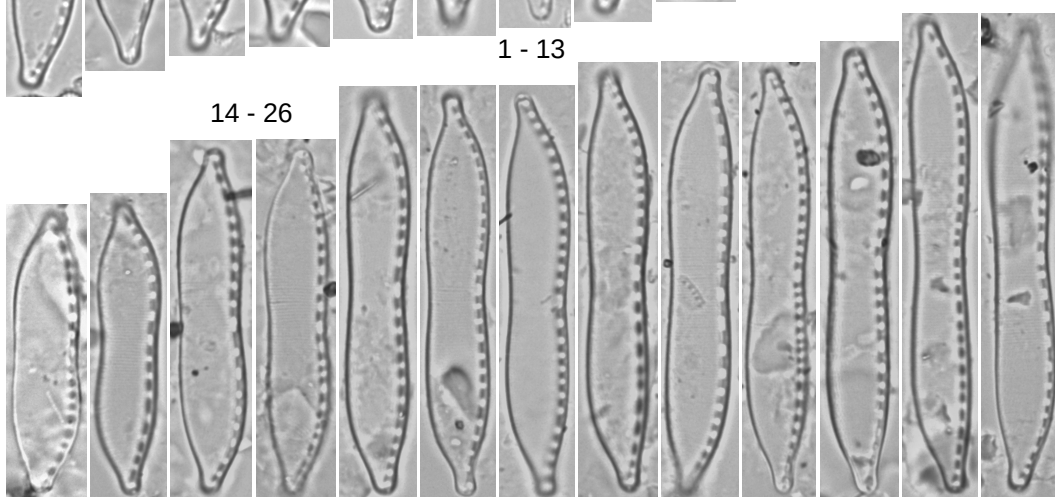
Figs 27-38: Benémola, Fonte Menalva Stream (Ribeiras do Algarve basin), 03-03-2006.

Figs 1-38: Valve view.

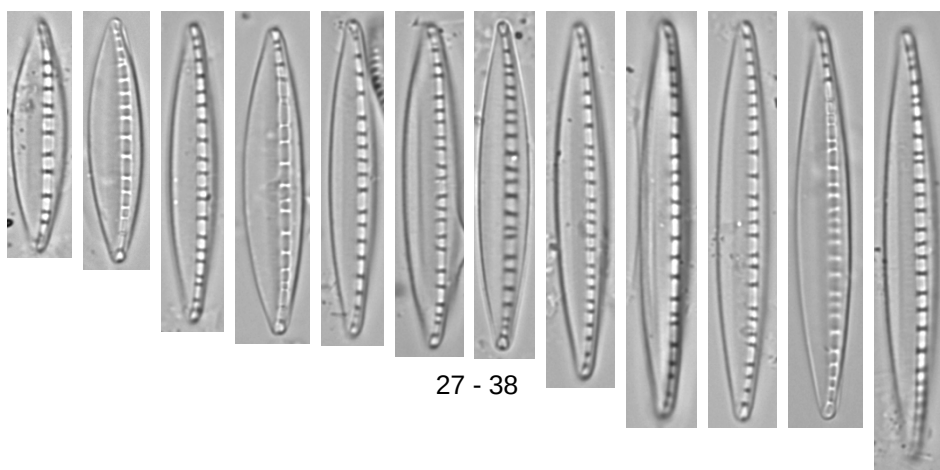
Nitzschia



1 - 13



14 - 26



27 - 38



Plate 261

Figs 1-4: *Nitzschia brevissima* Grunow, p. 46 [NBRE]

Scale bars (Figs 1, 2) = 5 μm Scale bars (Figs 3, 4) = 1 μm

Figs 1-4: Penha de Águia, Guadiana River (Guadiana basin), 18-05-2006.

Fig. 1: External valve view.

Fig. 2: External valve view.

Fig. 3: Detail of the central area in external view.

Fig. 4: Detail of the apical area in internal view.

Nitzschia

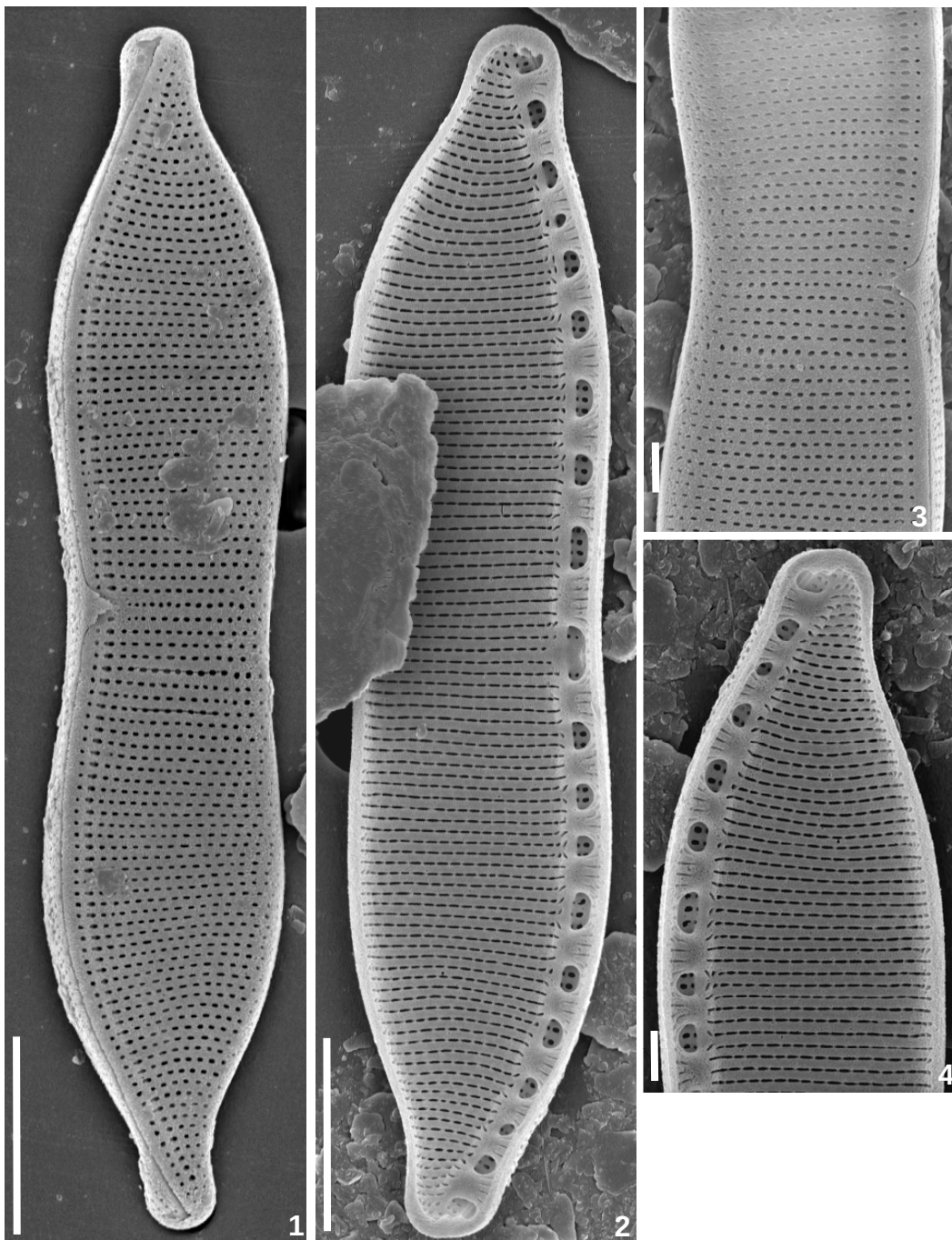


Plate 262

LM: x1500

Figs 1-14: *Nitzschia filiformis* (W. Smith) Van Heurck, p. 47 [NFIL]

Figs 15-25: *Nitzschia vitrea* var. *salinarum* Grunow, p. 48 [NVSA]

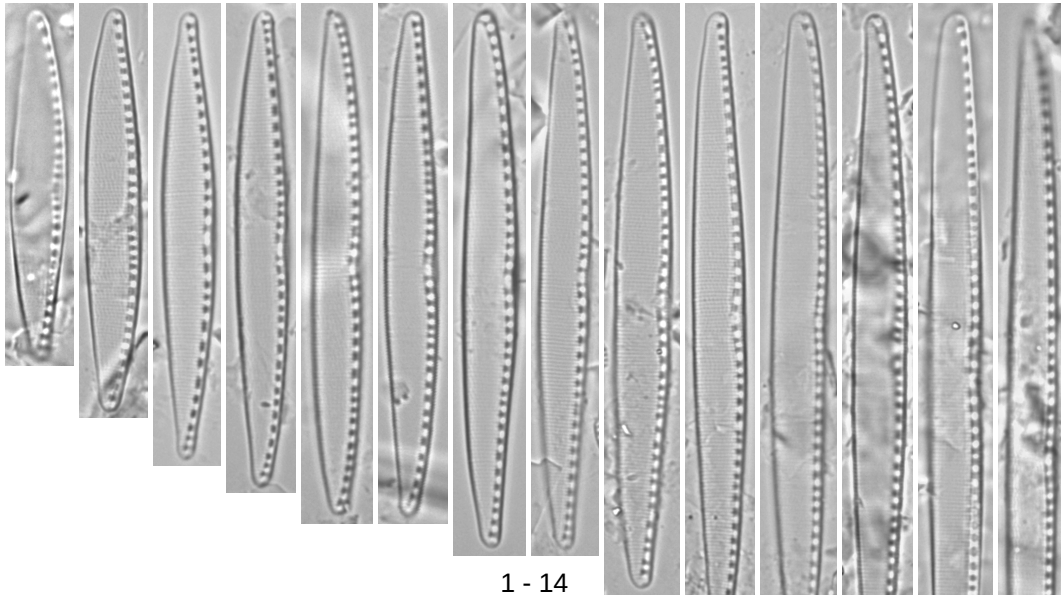
Scale bar = 10 μ m

Figs 1-14: Machadinho, Guadiana River (Guadiana basin), 18-05-2006.

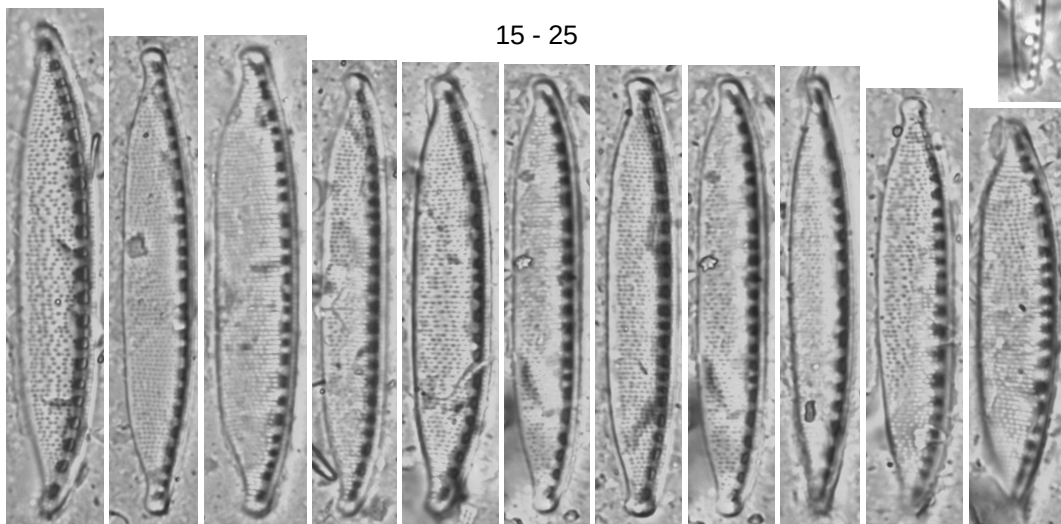
Figs 15-25: Guadiana-Caia, Guadiana River (Guadiana basin), 20-06-2006.

Figs 1-25: Valve view.

Nitzschia



1 - 14



15 - 25

Plate 263

LM: x1500

Figs 1-20: *Tryblionella hungarica* (Grunow) D.G. Mann, p. 49 [THUN]

Figs 21-25: *Tryblionella debilis* Arnott ex O'Meara, p. 49 [TDEB]

Scale bar = 10 μm

Figs 1-10: Arroquelas, Lebre Stream (Tejo basin), 30-06-2006.

Figs 11-20: Prata Stream (Sado basin), 02-06-2006.

Figs 21-25: Guadiana-Caia, Guadiana River (Guadiana basin), 20-06-2006.

Figs 1-25: Valve view.