

Cymbella

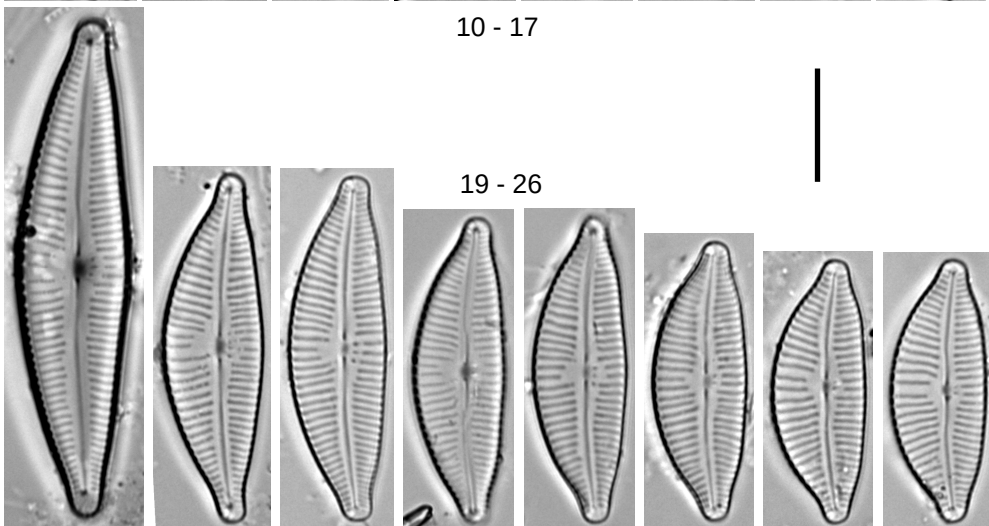
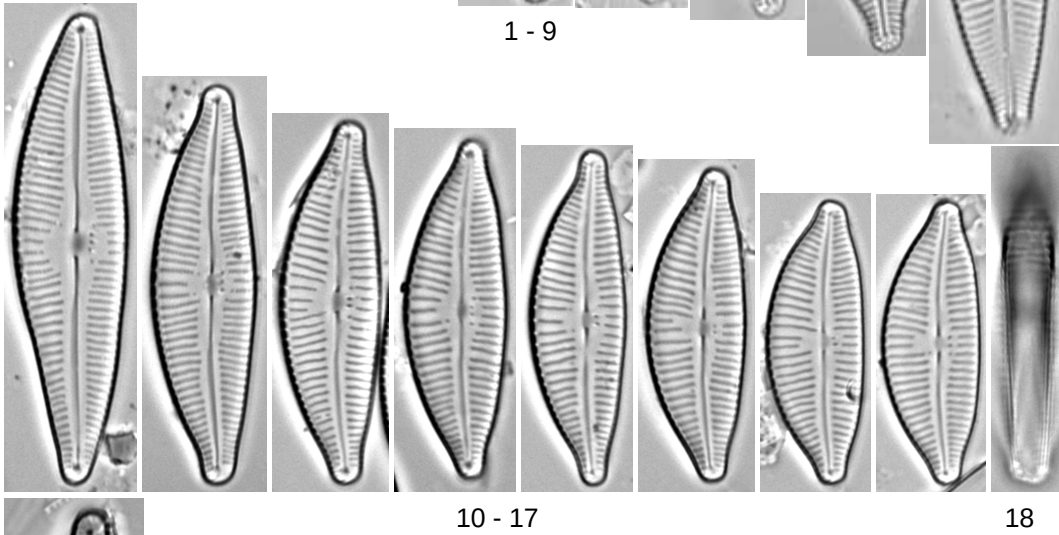
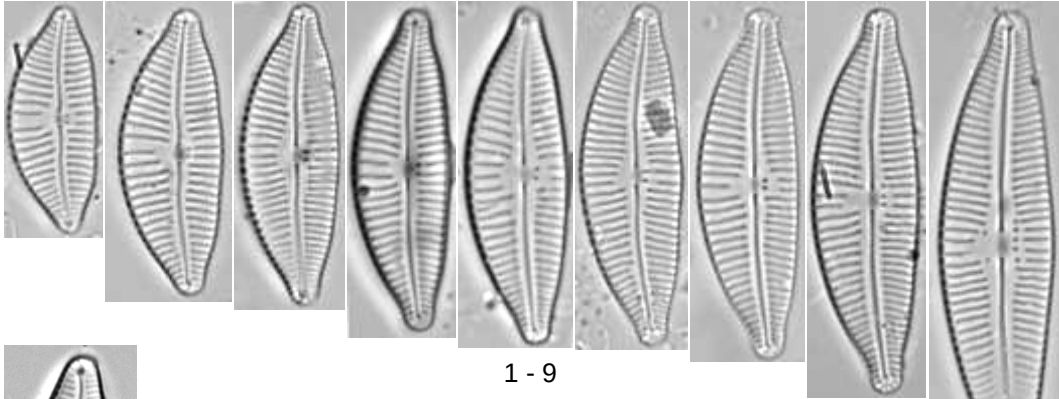


Plate 84

LM: x1000

Figs 1-4: *Cymbella aspera* (Ehrenberg) H. Peragallo, p. 19 [CASP]

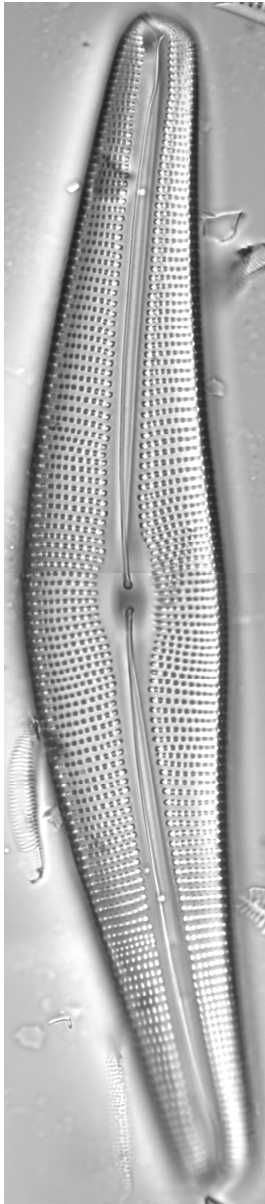
Scale bar = 10 μm

Figs 1, 2: Monte da Fazenda, Era Stream (Tejo basin), 29-06-2006.

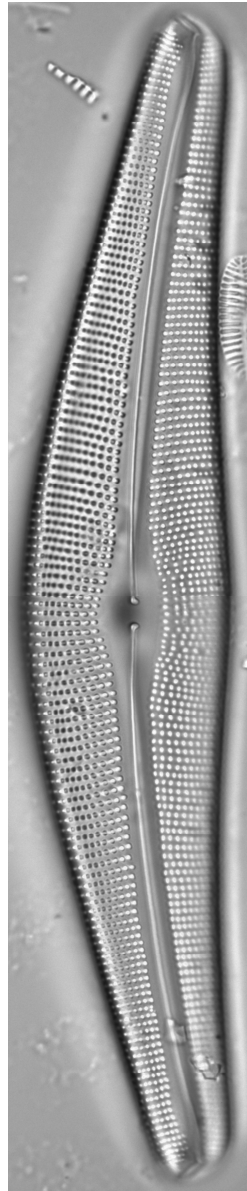
Figs 3, 4: Mata da Rainha, Taveiró Stream (Tejo basin), 24-06-2006.

Figs 1-4: Valve view.

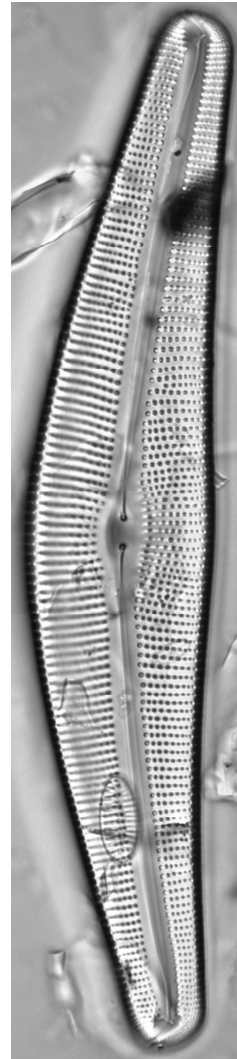
Cymbella



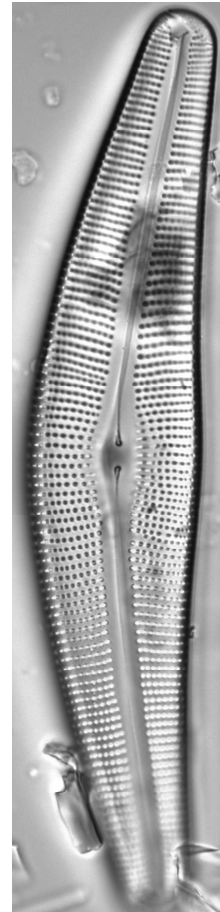
1



2



3



4

Plate 85

LM: x1500

Figs 1-9: *Cymbella neoleptoceros* Krammer, p. 19 [CNLP]

Figs 10-24: *Cymboplectura naviculiformis* (Auerswald) Krammer, p. 20 [CBNA]

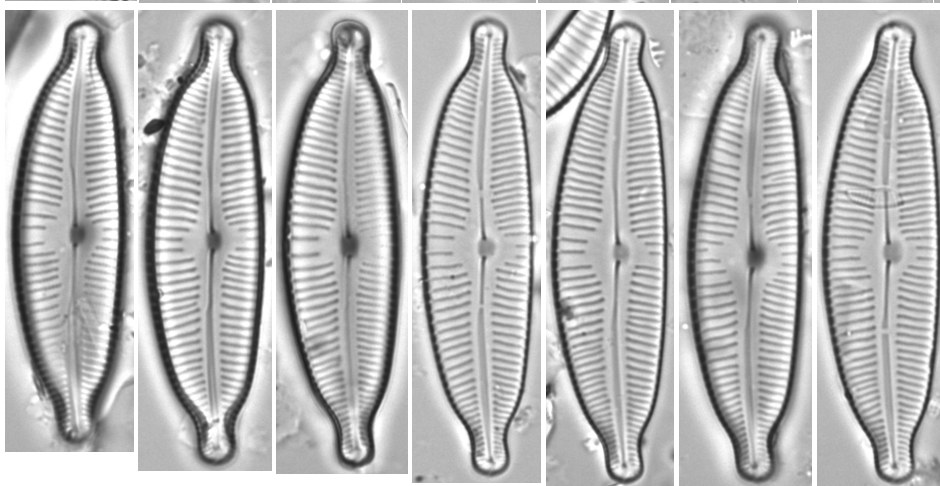
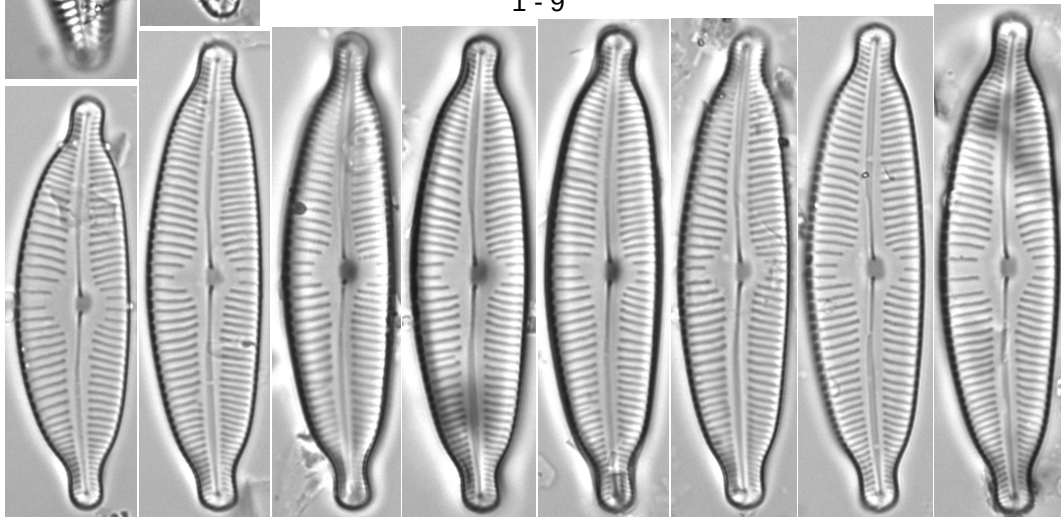
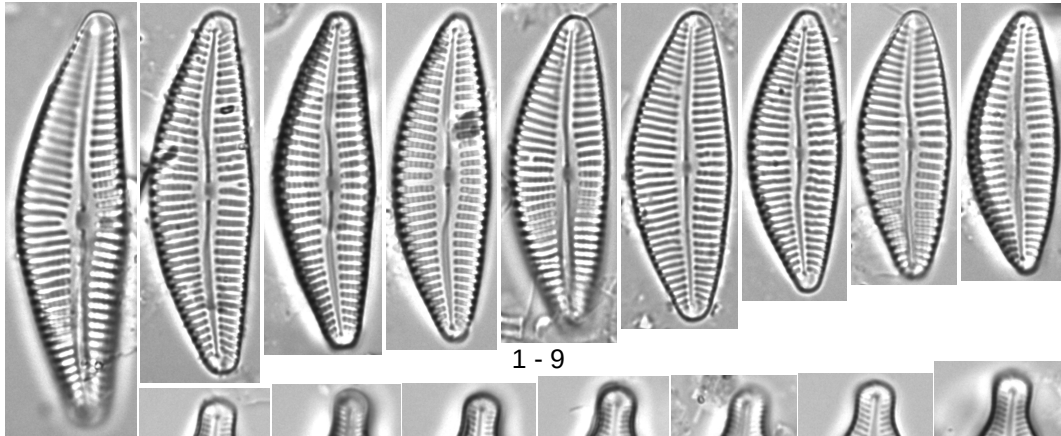
Scale bar = 10 μm

Figs 1-9: Valeira Reservoir, Douro River (Douro basin), 09-08-2006.

Figs 10-24: Mata da Rainha, Taveiró Stream (Tejo basin), 24-06-2006.

Figs 1-24: Valve view.

Cymbella
Cymbopleura



10 - 24

Plate 86

Figs 1-5: *Cymbella neoleptoceros* Krammer, p. 19 [CNLP]

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

Figs 1-5: Valeira Reservoir, Douro River (Douro basin), 09-08-2006.

Fig. 1: External valve view.

Figs 2, 3: Internal valve view.

Fig. 4: Detail of valve central area in internal view.

Fig. 5: Detail of valve apical area in external view.

Cymbella

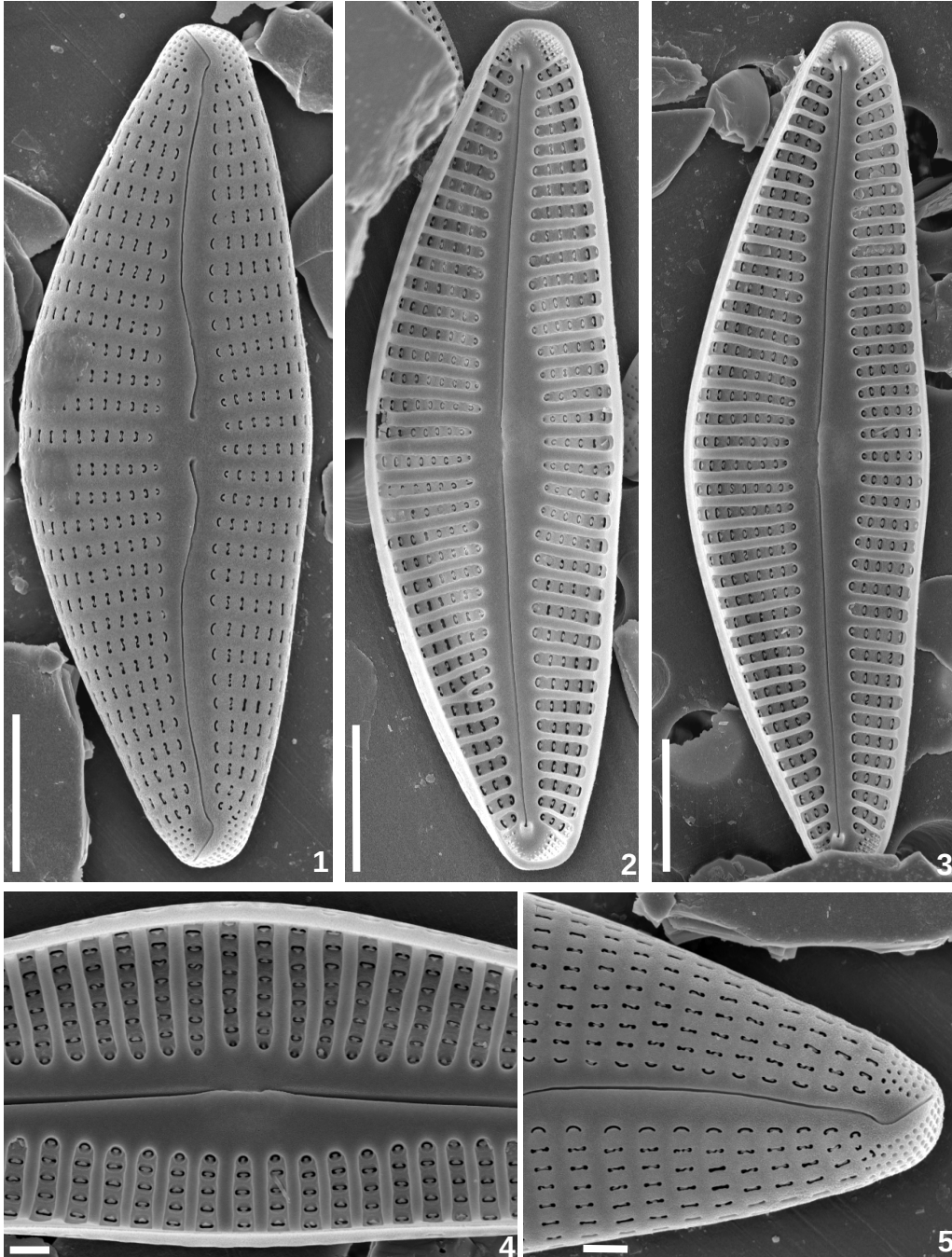


Plate 87

LM: x1500

Figs 1-53: *Encyonema ventricosum* (C. Agardh) Grunow, p. 21 [ENVE]

Scale bar = 10 μm

Figs 1-11: Santa Clara, Luzianes Stream (Mira basin), 09-05-2006.

Figs 12-22: Marmelar Stream (Guadiana basin), 05-04-2006.

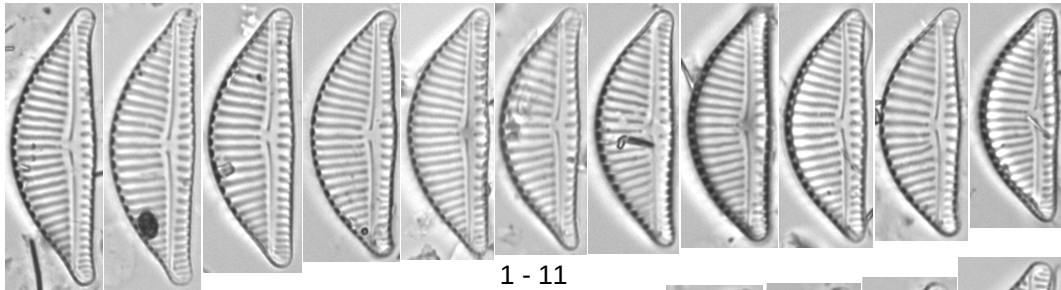
Figs 23-33: Casal Rei, Zêzere River (Tejo basin), 26-06-2006.

Figs 34-53: Malhada, Almuro Stream (Tejo basin), 27-06-2006.

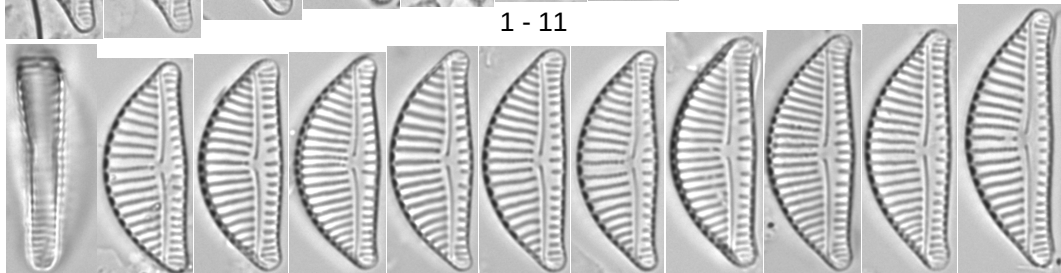
Figs 1-11, 13-33, 35-53: Valve view.

Figs 12, 34: Girdle view.

Encyonema

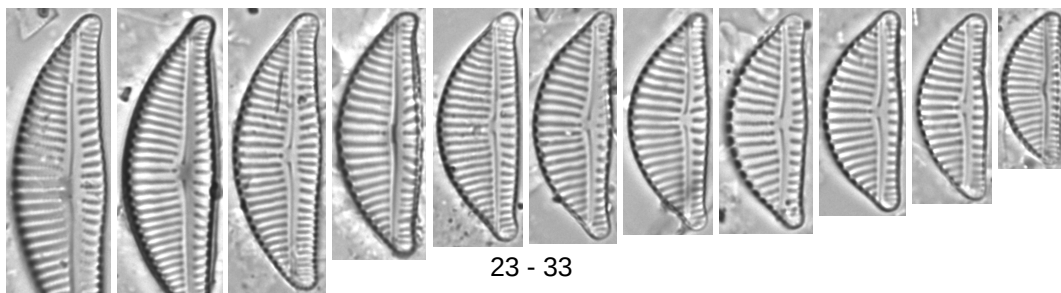


1 - 11

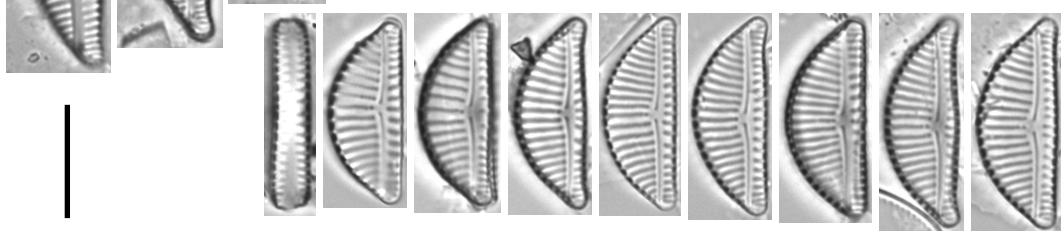


12

13 - 22



23 - 33



34

35 - 53

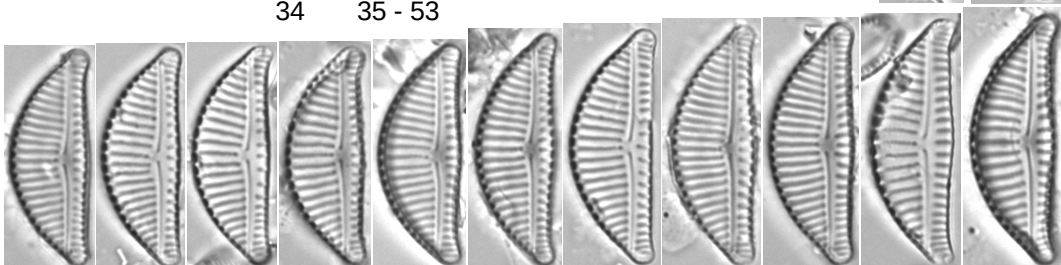


Plate 88

LM: x1500

Figs 1-58: *Encyonema* sp., p. 21 [ENSP]

Scale bar = 10 μm

Figs 1-13: Aldeia de Freiras, Pêra Stream (Tejo basin), 09-07-2006.

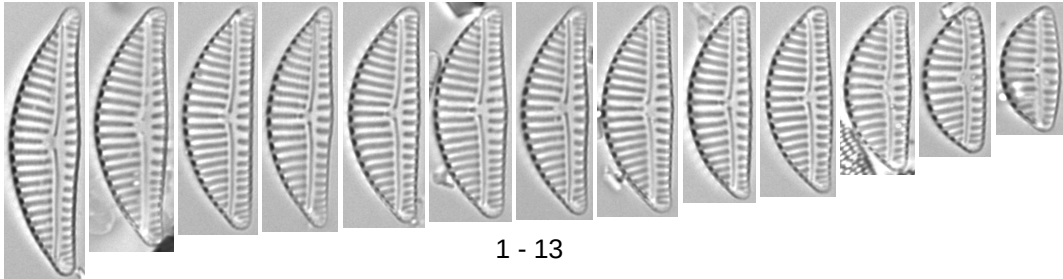
Figs 14-23: Azinhal de Mouros, Guadiana River (Guadiana basin), 24-04-2006.

Figs 24-45: Belmonte, Zêzere River (Tejo basin), 07-07-2006.

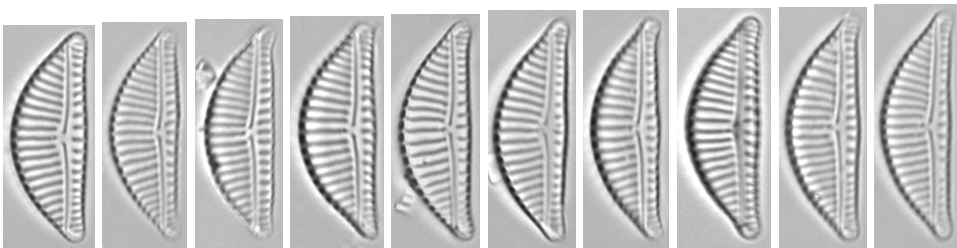
Figs 46-58: Barco, Zêzere River (Tejo basin), 08-07-2006.

Figs 1-58: Valve view.

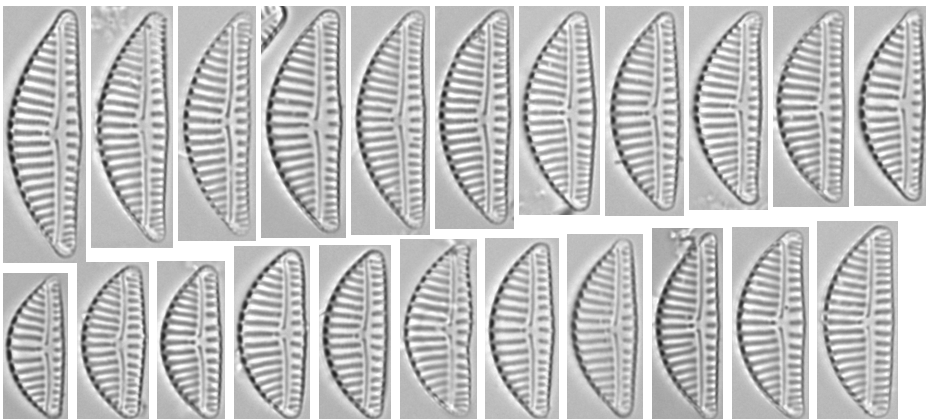
Encyonema



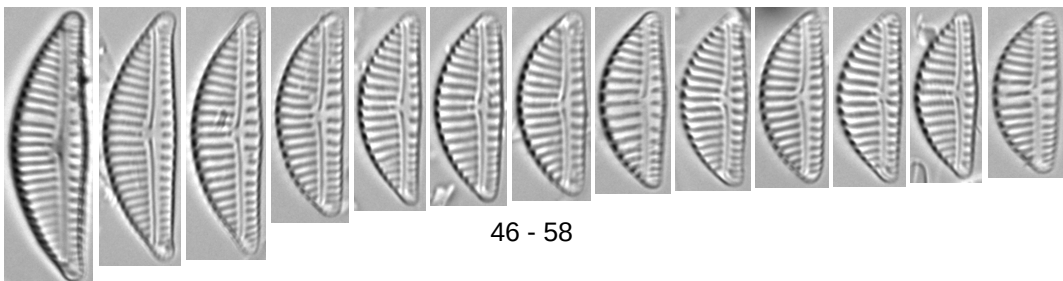
1 - 13



14 - 23



24 - 45



46 - 58

Plate 89

LM: x1500

Figs 1-49: *Encyonema* sp., p. 21 [ENSP]

Figs 50-64: *Encyonema rostratum* Krammer, p. 21 [ENRO]

Scale bar = 10 μm

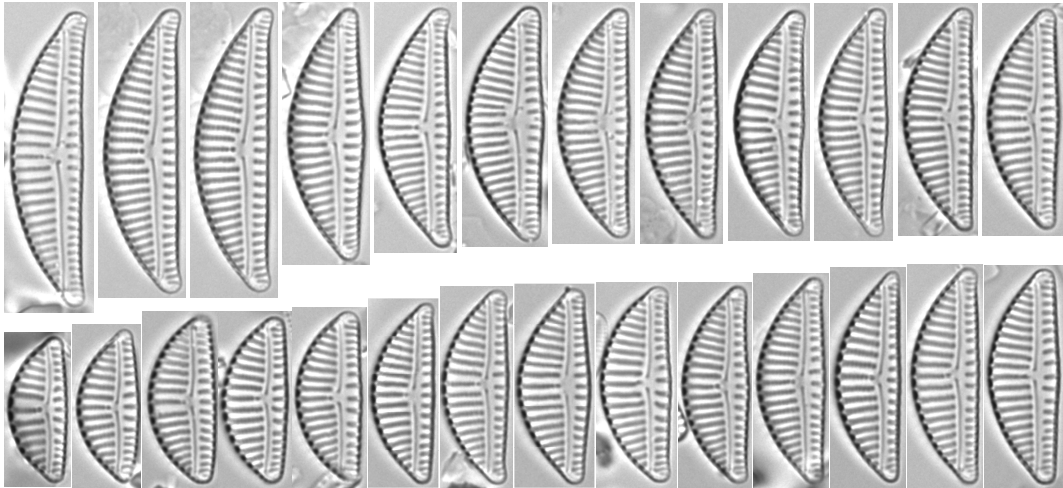
Figs 1-26: Coutada, Zêzere River (Tejo basin), 08-07-2006.

Figs 27-49: Valmaior, Caima River (Vouga basin), 08-07-2007.

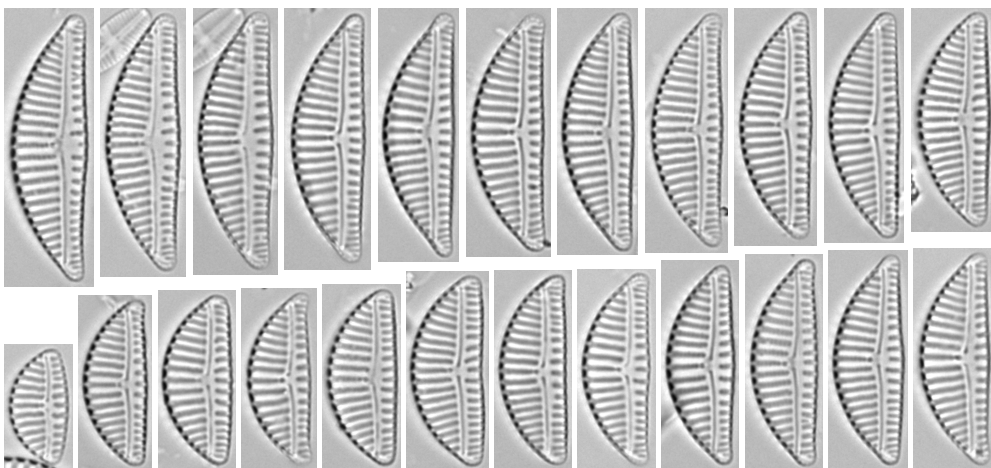
Figs 50-64: Vilarinho das Furnas Reservoir, Homem River (Cávado basin), 15-08-2006.

Figs 1-64: Valve view.

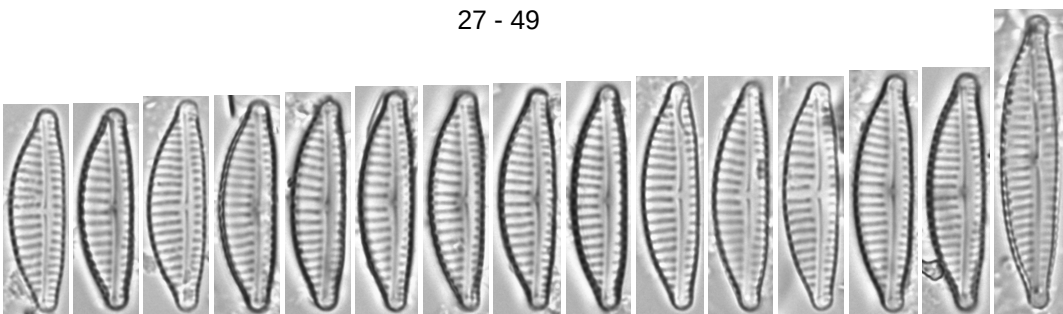
Encyonema



1 - 26



27 - 49



50 - 64

Plate 90

LM: x1500

Figs 1-31: *Encyonema* cf. *silesiacum* (Bleisch in Rabenhorst) D.G. Mann, p. 21

Figs 32-43: *Encyonema* cf. *minutiforme* Krammer 1997, p. 20

Scale bar = 10 μ m

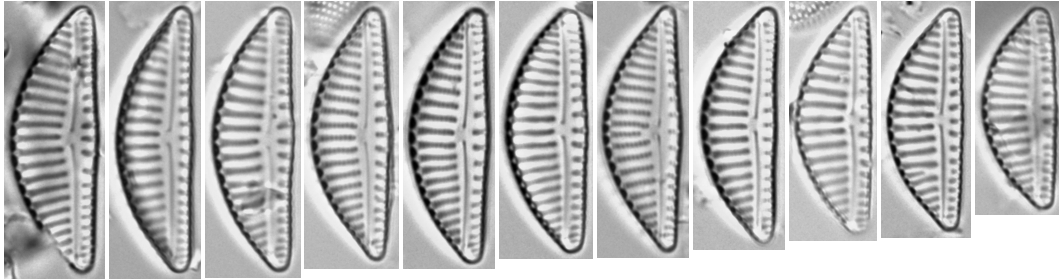
Figs 1-11: Gomes Aires, Mira River (Mira basin), 25-04-2006.

Figs 12-31: Gorazes, Oeiras Stream (Guadiana basin), 25-04-2006.

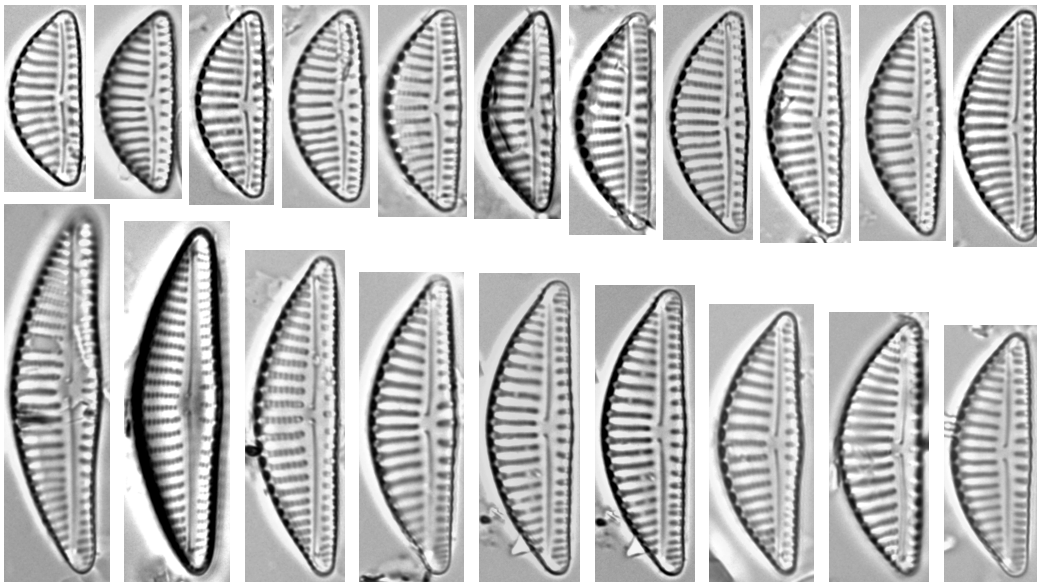
Figs 32-43: Bravura, Odiáxere Stream (Ribeiras do Algarve basin), 14-04-2006.

Figs 1-43: Valve view.

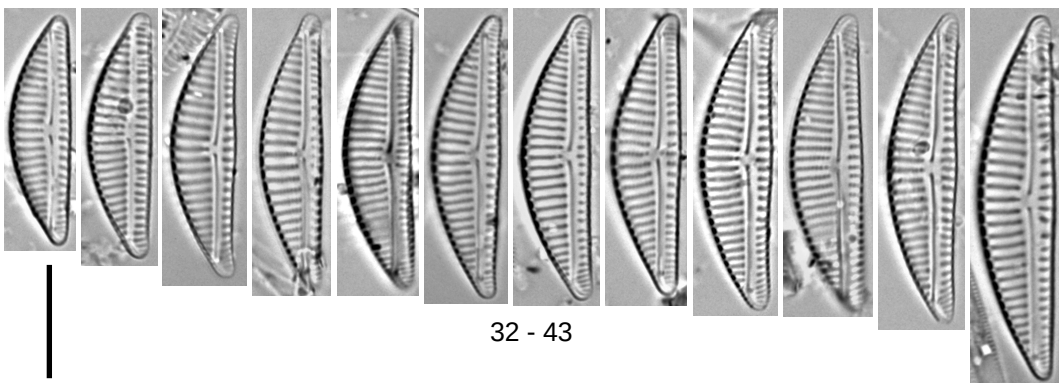
Encyonema



1 - 11



12 - 31



32 - 43

Plate 91

Figs 1, 2: *Encyonema* cf. *minutiforme* Krammer 1997, p. 20

Scale bars = 2 μm

Figs 1-2: Bravura, Odiáxere Stream (Ribeiras do Algarve basin), 14-04-2006.

Fig. 1: External valve view.

Fig. 2: Internal valve view.

Encyonema

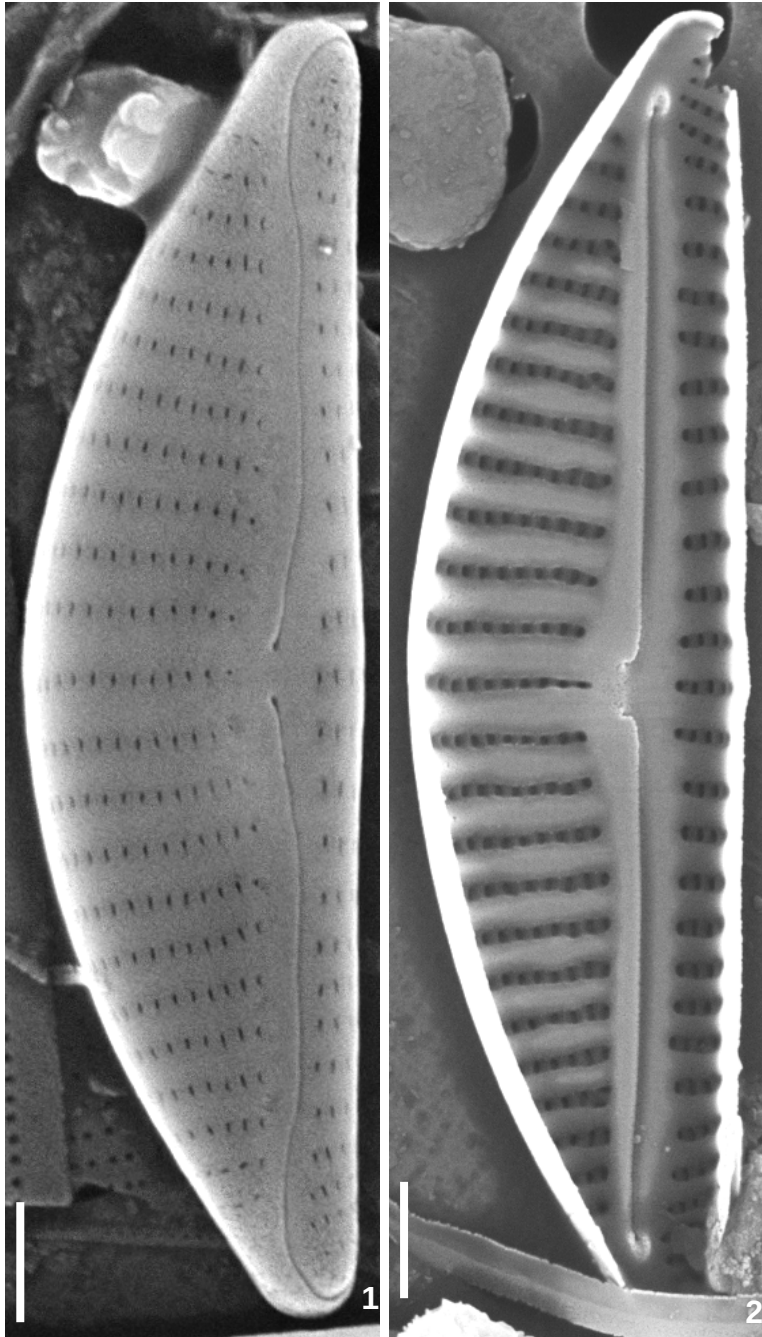


Plate 92

Figs 1-4: *Encyonema* cf. *minutiforme* Krammer 1997, p. 20

Scale bars = 1 μm

Figs 1-4: Bravura, Odiáxere Stream (Ribeiras do Algarve basin), 14-04-2006.

Fig. 1: Detail of the central area in external view.

Fig. 2: Detail of the central area in internal view.

Figs 3, 4: Detail of the apical area in external view.