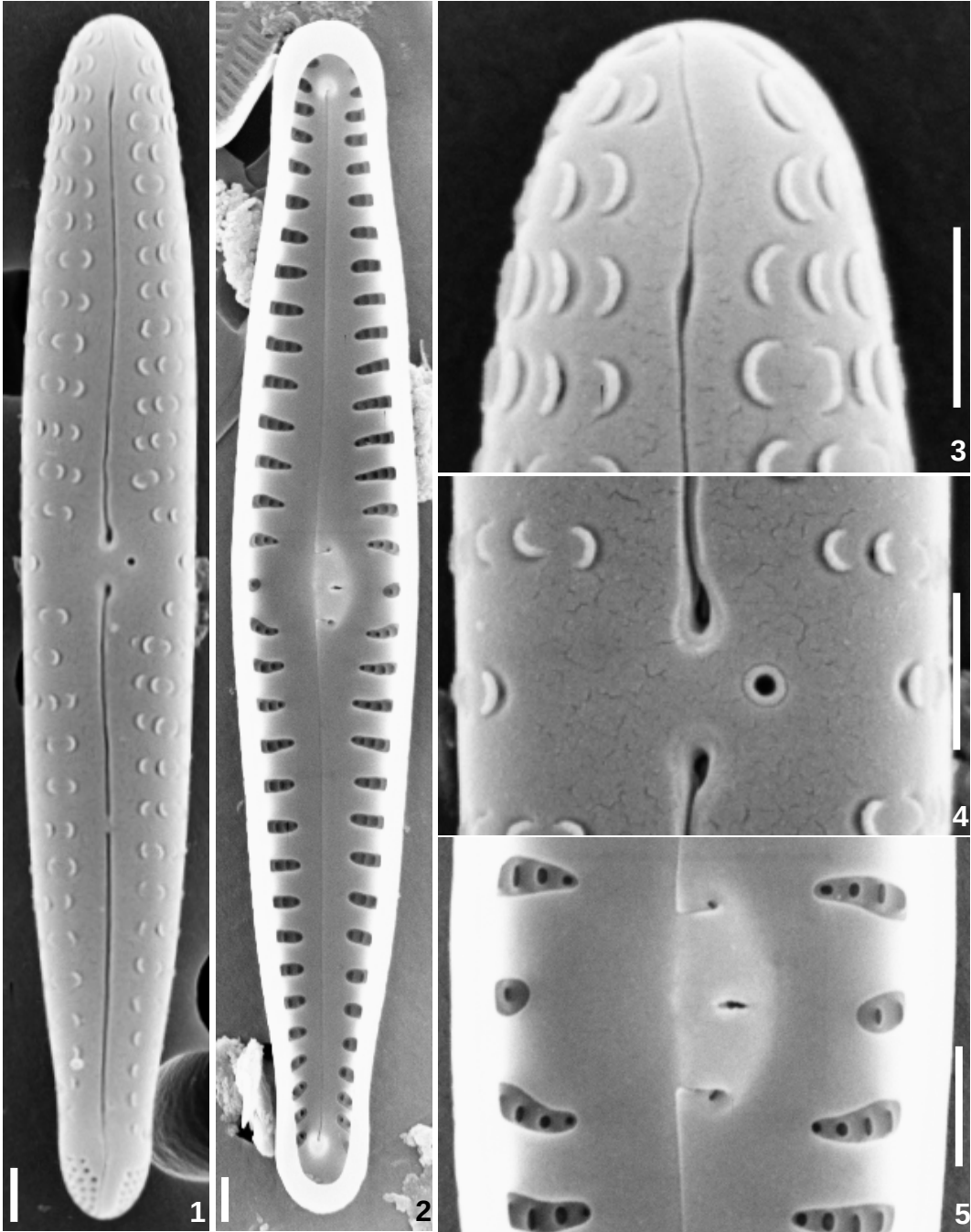


*Gomphonema*



## Plate 120

LM: x1500

**Figs 1-24:** *Gomphonema rhombicum* M. Schmidt, p. 26 [GRHB]

Scale bar = 10  $\mu\text{m}$

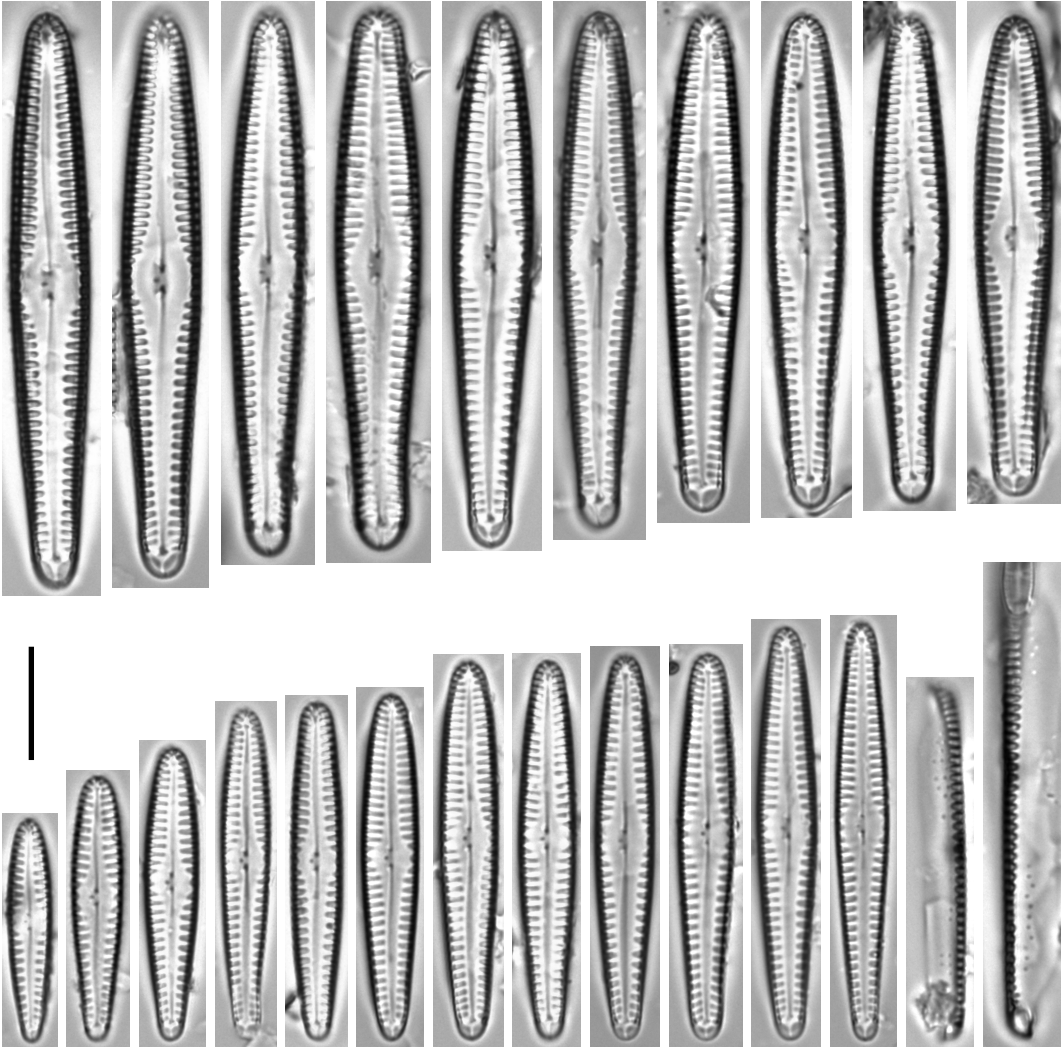
Figs 1-24: Espinhal, Azenha Stream (Mondego basin), 10-06-2007.

Figs 1-22: Valve view.

Figs 23, 24: Girdle view.



*Gomphonema*



1 - 22

23

24

## Plate 121

LM: x1500

**Figs 1-25:** *Gomphonema rhombicum* M. Schmidt, p. 26 [GRHB]

Scale bar = 10  $\mu\text{m}$

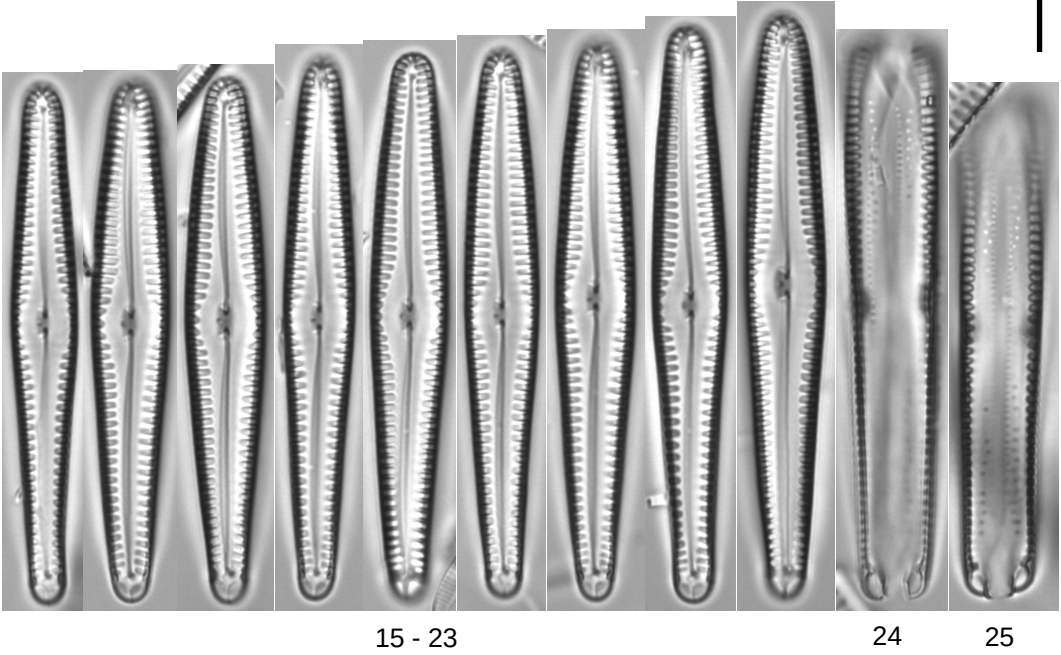
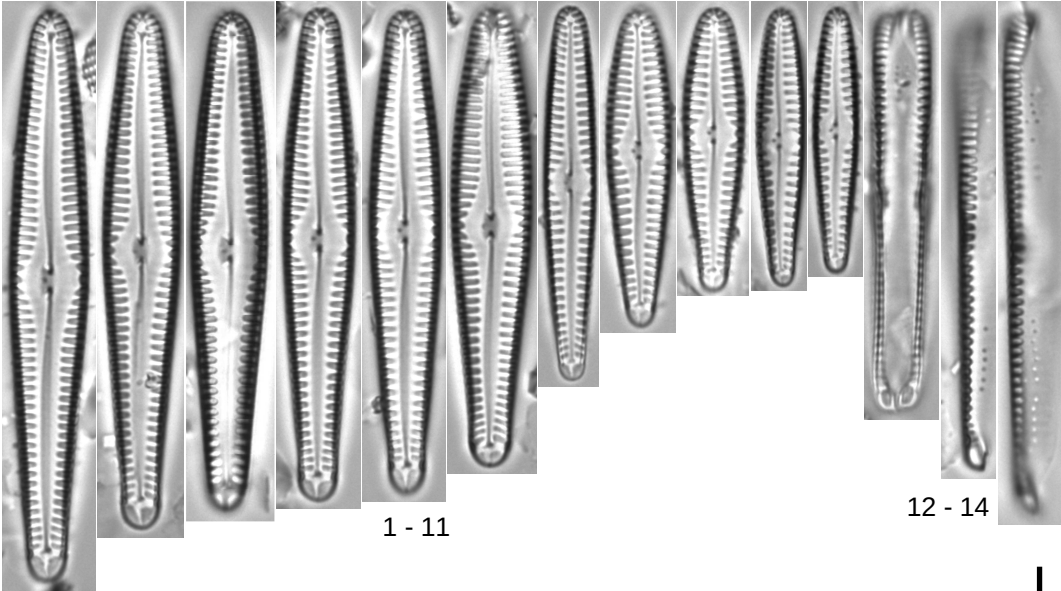
Figs 1-14: Engenho, Alge Stream (Tejo basin), 09-07-2006.

Figs 15-25: Foz do Alva, Alva River (Mondego basin), 12-06-2007.

Figs 1-11, 15-23: Valve view.

Figs 12-14, 24, 25: Girdle view.

*Gomphonema*



## Plate 122

LM: x1500

**Figs 1-28:** *Gomphonema uniserhombicum* E. Reichardt, p. 26 [GURH]

**Figs 29-42:** *Gomphonema rhombicum* M. Schmidt, p. 26 [GRHB]

Scale bar = 10  $\mu\text{m}$

Figs 1-15: Barbaído, Tripeiro River (Tejo basin), 11-07-2006.

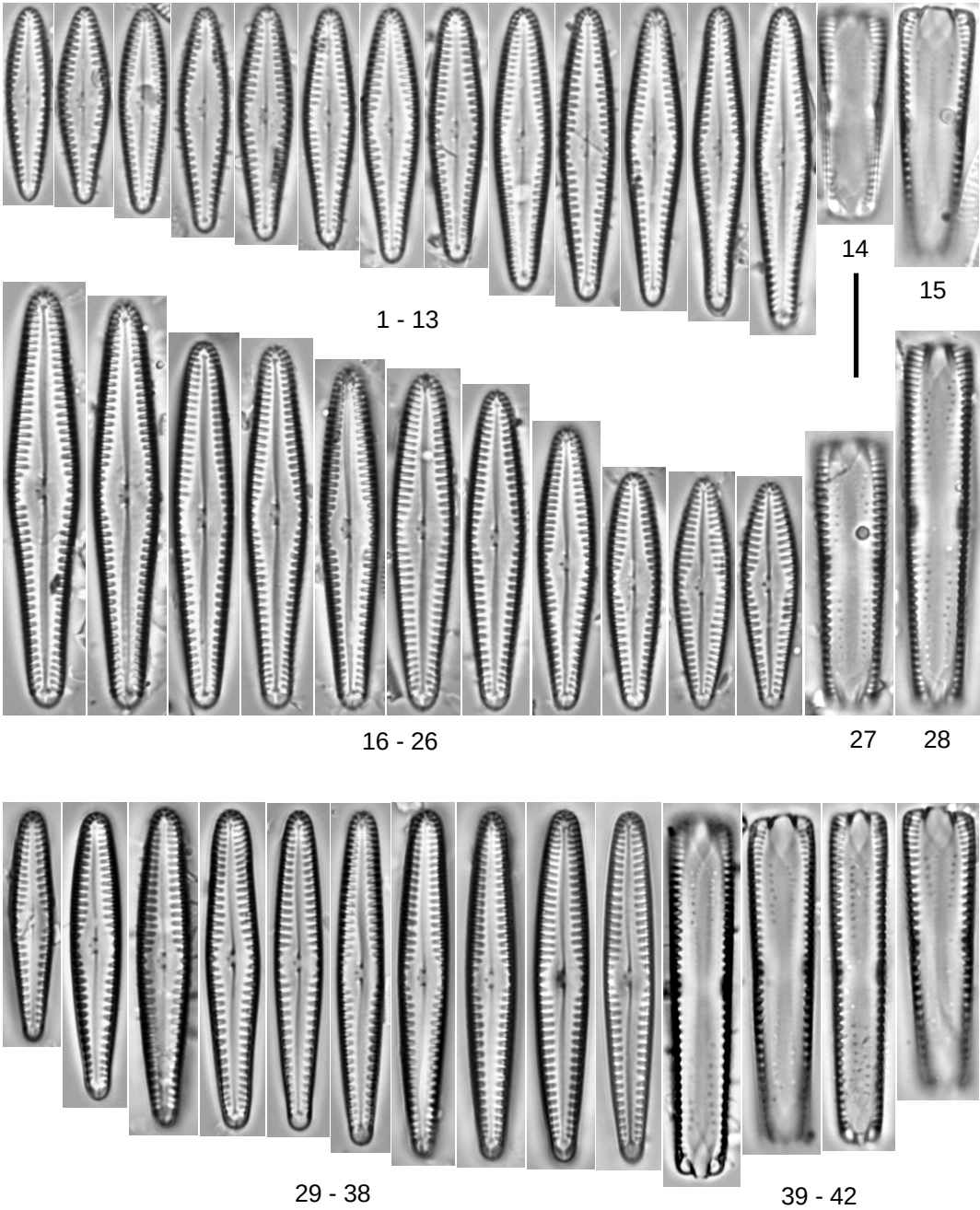
Figs 16-28: Chão Forca, Sertã Stream (Tejo basin), 09-07-2006.

Figs 29-42: Ameixial, Vascãozinho Stream (Guadiana basin), 24-04-2006.

Figs 1-13, 16-26, 29-38: Valve view.

Figs 14, 15, 27, 28, 39-42: Girdle view.

*Gomphonema*



## Plate 123

**Figs 1-5:** *Gomphonema uniserhombicum* E. Reichardt, p. 26 [GURH]

Scale bars (Figs 1, 2) = 5  $\mu\text{m}$  Scale bars (Figs 3-5) = 1  $\mu\text{m}$

Figs 1-5: Barbaído, Tripeiro River (Tejo basin), 11-07-2006.

Fig. 1: External valve view.

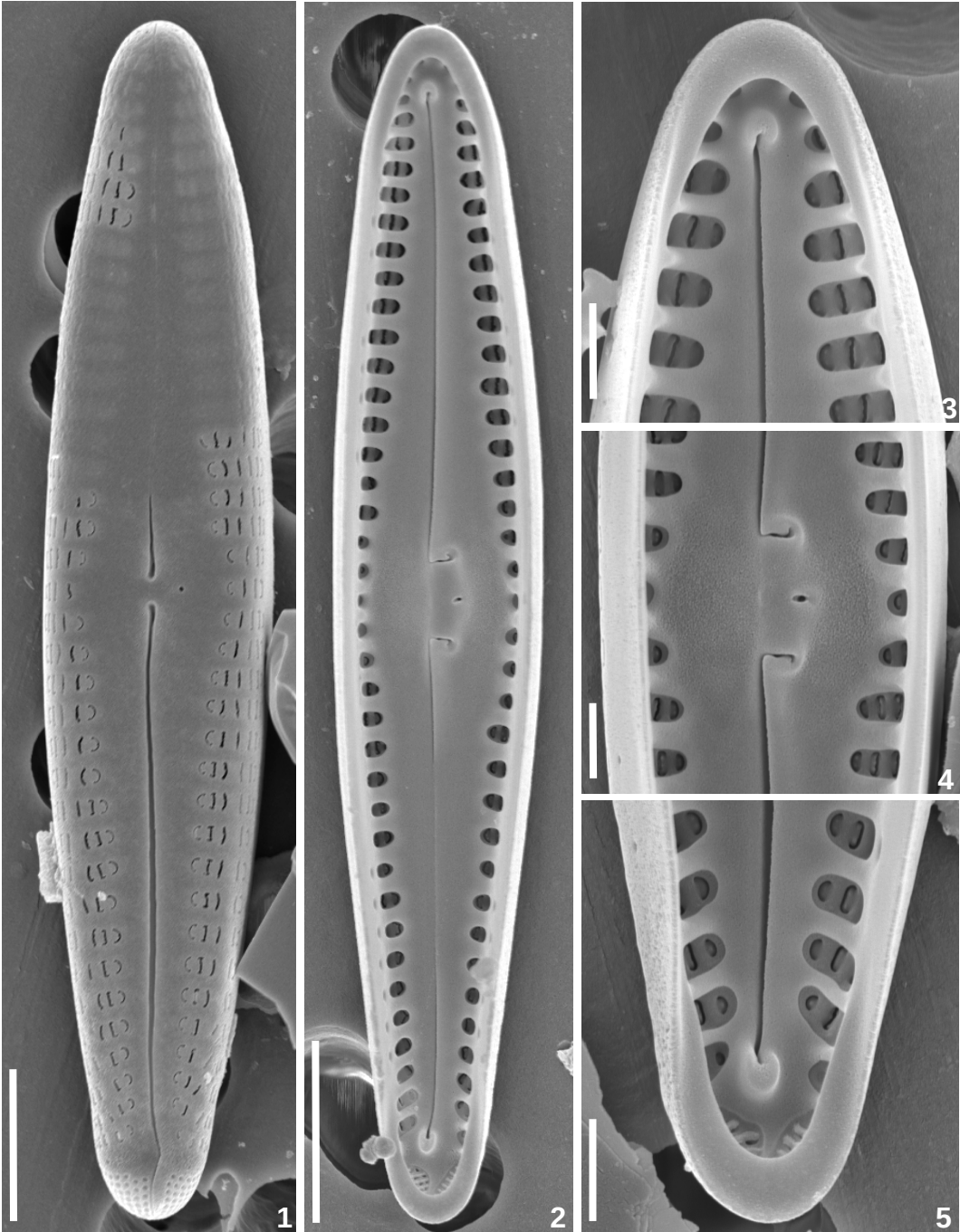
Fig. 2: Internal valve view.

Fig. 3: Detail of the valve apical area in internal view.

Fig. 4: Detail of the valve central area in external view.

Fig. 5: Detail of the valve central area in internal view.

*Gomphonema*



## Plate 124

LM: x1500

**Figs 1-31:** *Gomphonema rhombicum* M. Schmidt, p. 26 [GRHB]

Scale bar = 10  $\mu\text{m}$

Figs 1-13: Chão Forca, Sertão Stream (Tejo basin), 09-07-2006.

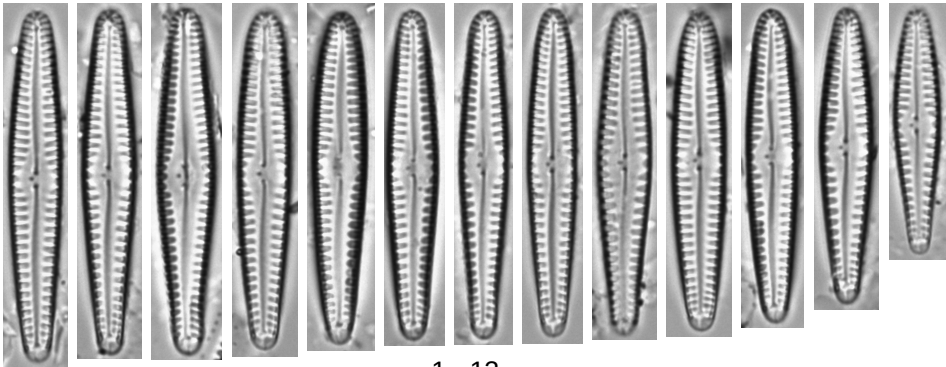
Figs 14-24: Bazágueda River (Tejo basin), 08-07-2006.

Figs 25-31: Barbaído, Tripeiro River (Tejo basin), 11-07-2006.

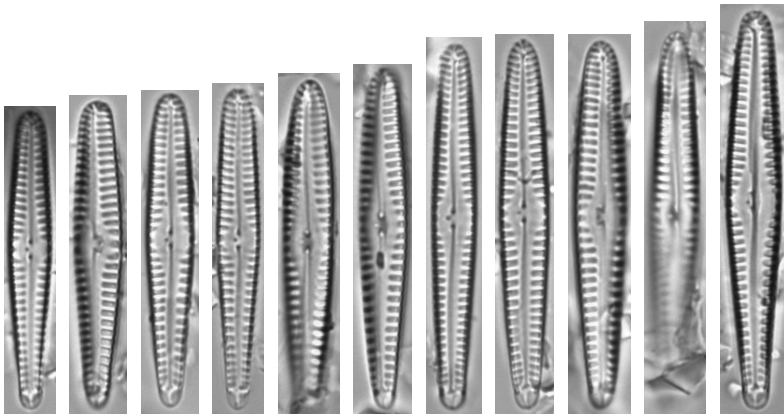
Figs 1-40: Valve view.



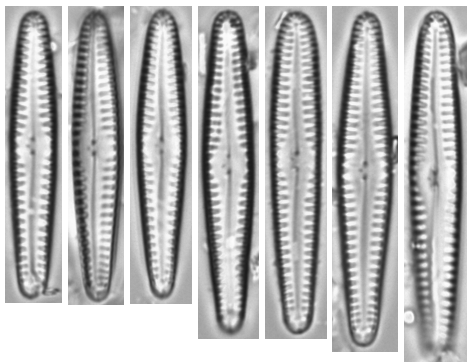
*Gomphonema*



1 - 13



14 - 24



35 - 31

## Plate 125

LM: x1500

**Figs 1-16:** *Gomphonema ibericum* E. Reichardt, p. 24 [GIBE]

Scale bar = 10  $\mu\text{m}$

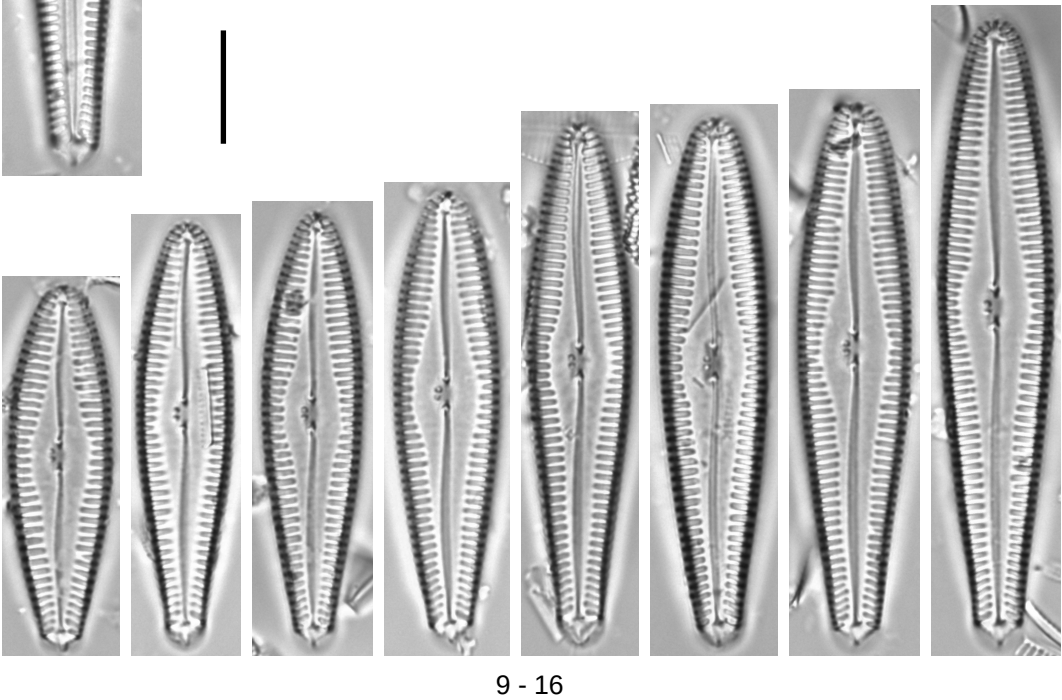
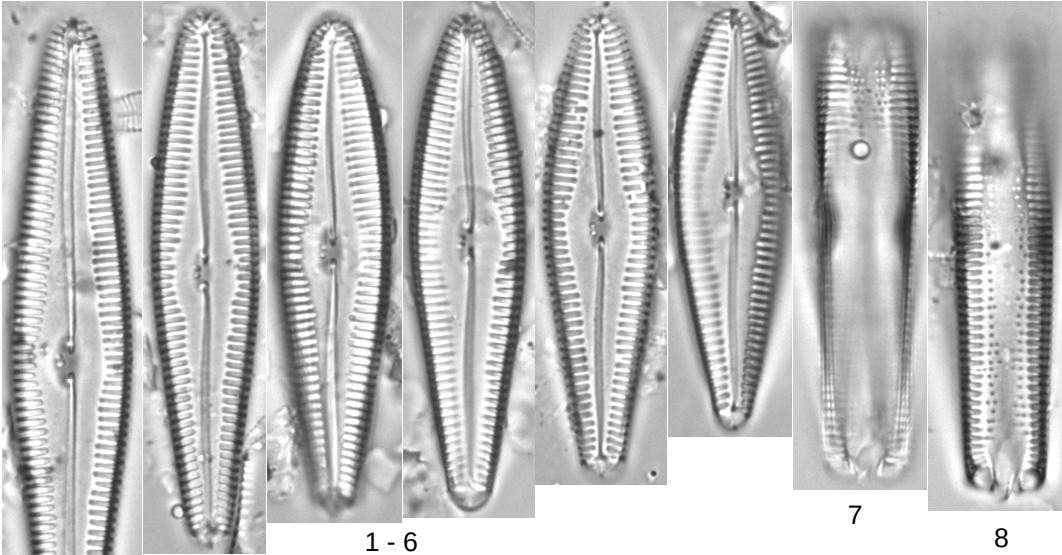
Figs 1-8: Chão Forca, Sertão Stream (Tejo basin), 09-07-2006.

Figs 9-16: São João do Monte, Mondego River (Mondego basin), 12-05-2007.

Figs 1-6, 9-16: Valve view.

Figs 7, 8: Girdle view.

*Gomphonema*



## Plate 126

LM: x1500

**Figs 1-7:** *Gomphonema ibericum* E. Reichardt, p. 24 [GIBE]

**Figs 8-32:** *Gomphonema* aff. *angustatum* (Kützing) Rabenhorst, p. 23

Scale bar = 10  $\mu\text{m}$

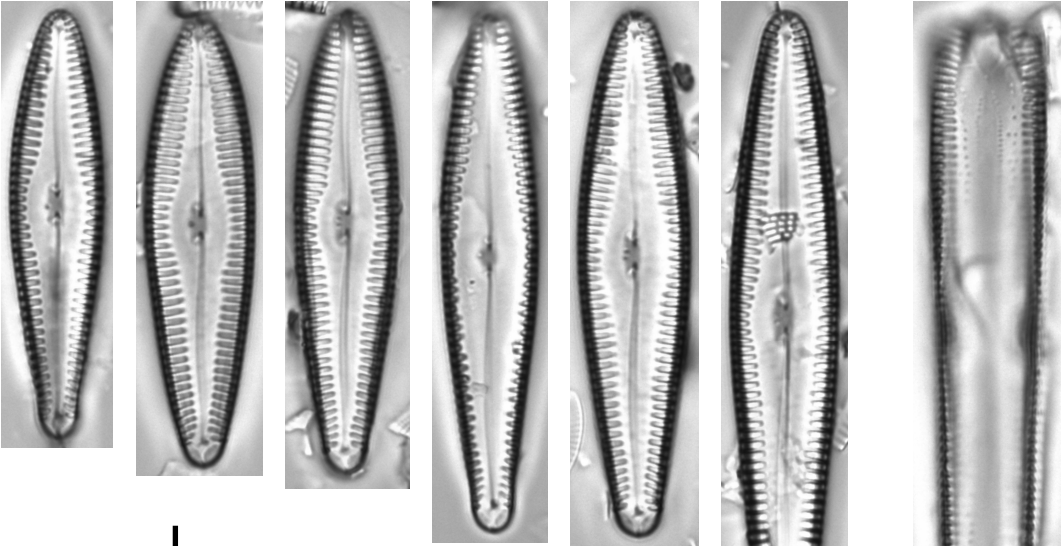
Figs 1-7: Fornelo, Vouga River (Vouga basin), 09-07-2007.

Figs 8-32: Adobispo, Torto River (Douro basin), 18-08-2007.

Figs 1-6, 8-32: Valve view.

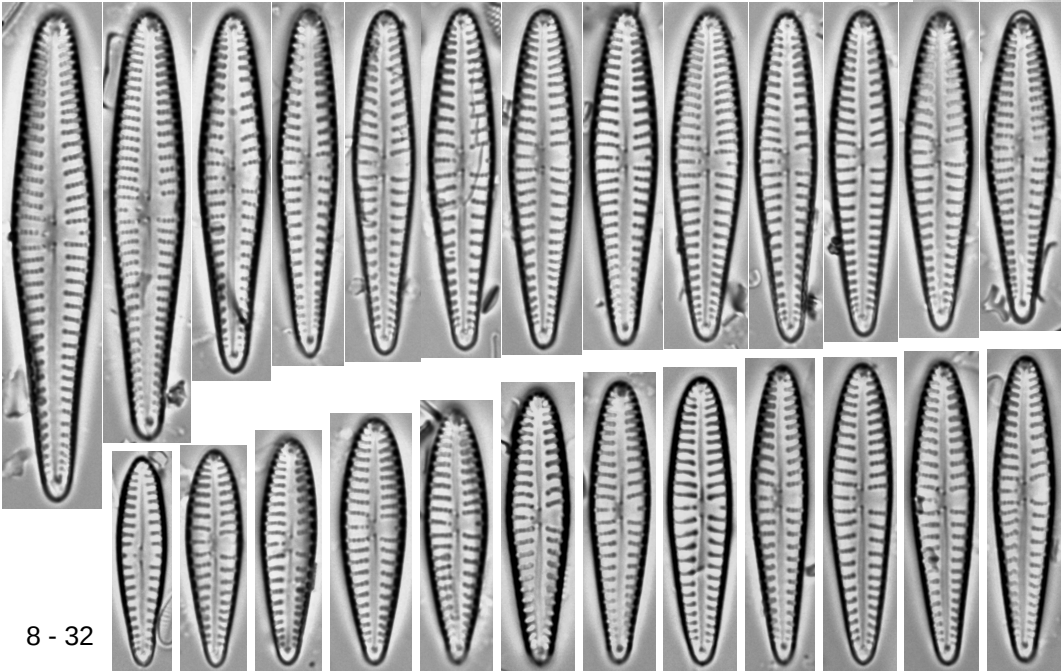
Fig. 7: Girdle view.

*Gomphonema*



1 - 6

7



8 - 32

## Plate 127

LM: x1500

**Figs 1-36:** *Gomphonema* aff. *angustatum* (Kützing) Rabenhorst, p. 23

Scale bar = 10  $\mu\text{m}$

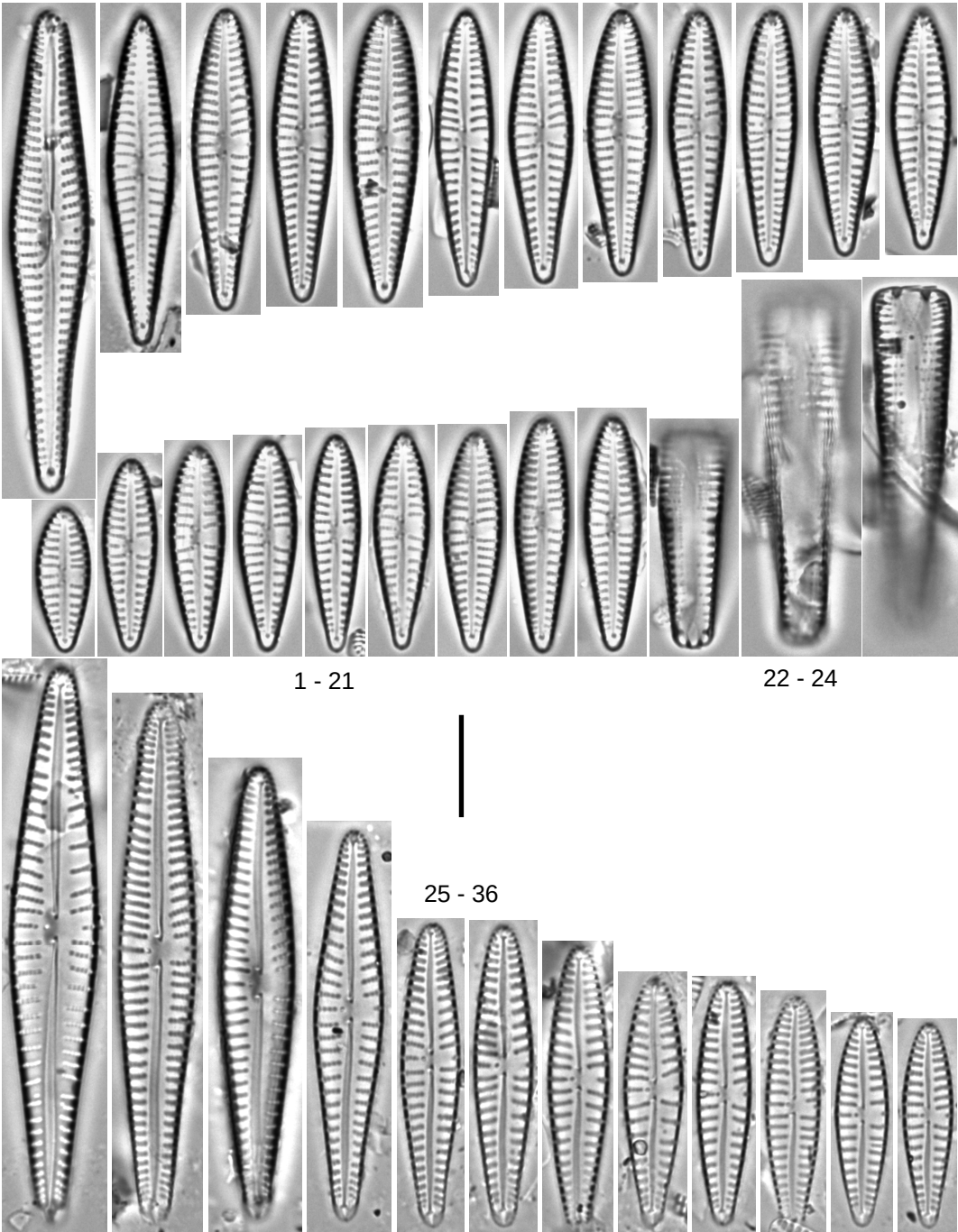
Figs 1-24: Russilhão River (Douro basin), 16-08-2007.

Figs 25-36: Prata Stream (Sado basin), 02-06-2006.

Figs 1-21, 25-36: Valve view.

Figs 22-24: Girdle view.

*Gomphonema*



## Plate 128

LM: x1500

**Figs 1-18:** *Gomphonema italicum* Kützing, p. 24 [GITA]

Scale bar = 10  $\mu\text{m}$

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

Figs 1-15: Valve view.

Figs 16-18: Girdle view.