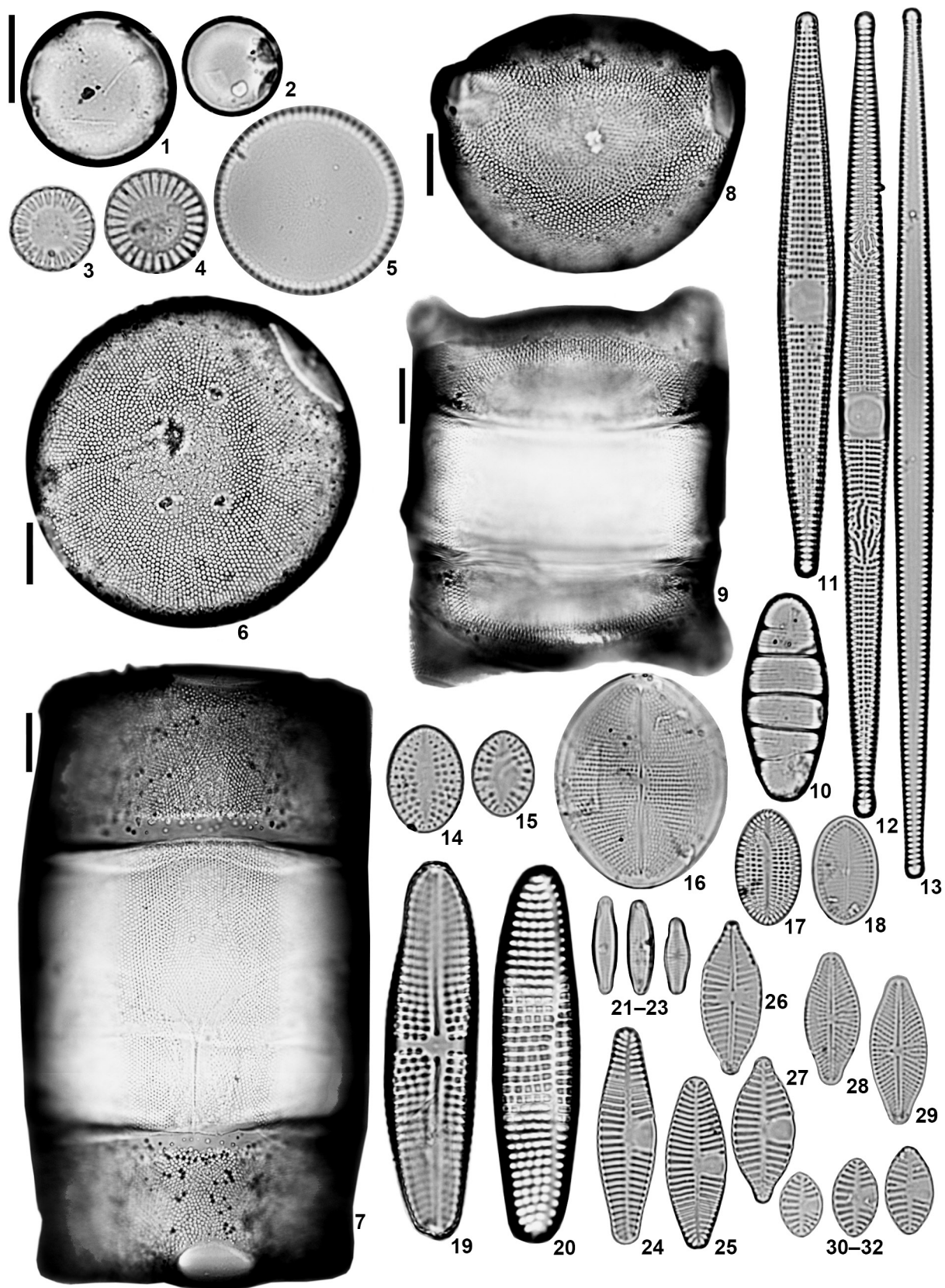
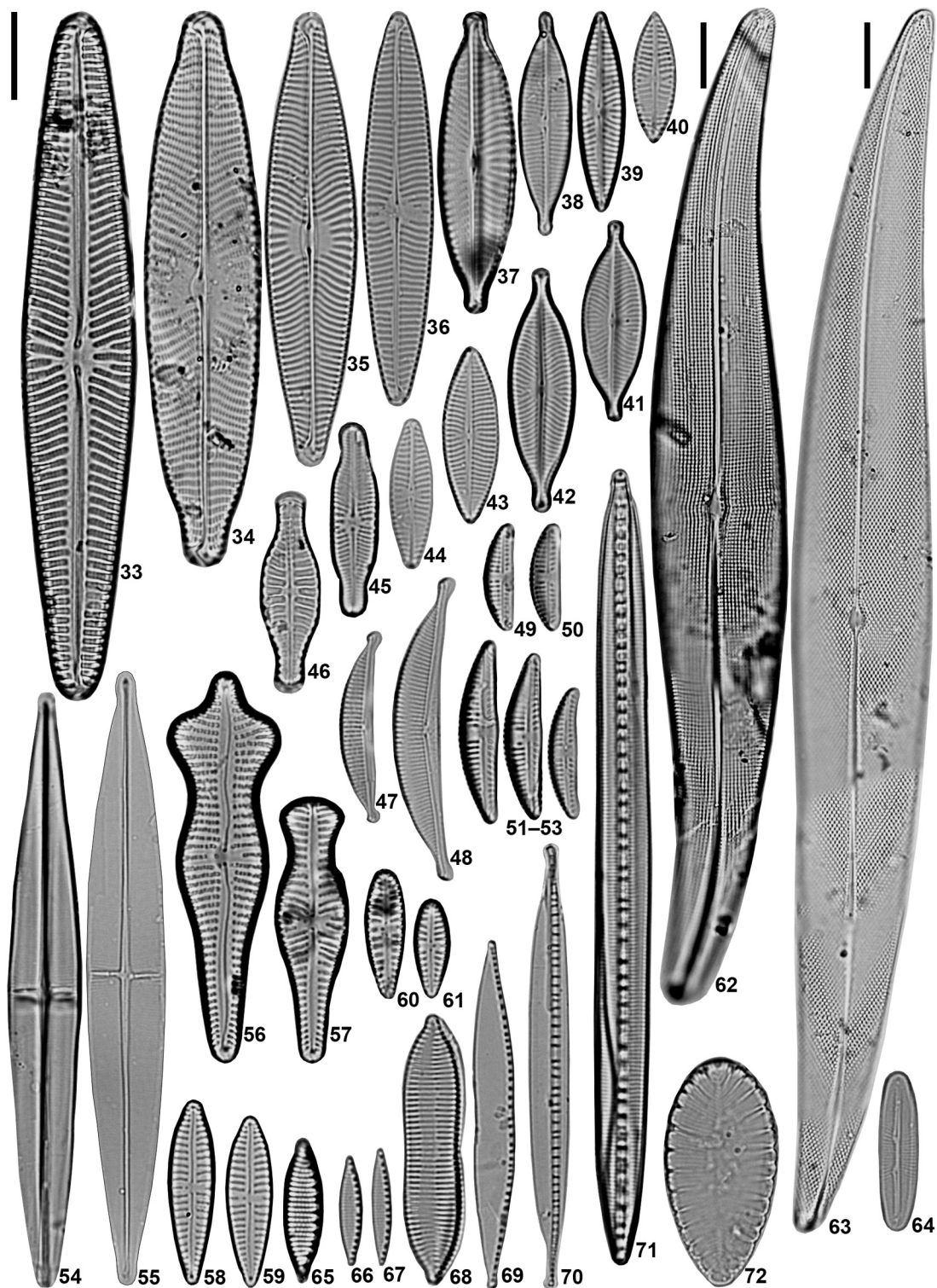




Supplementary plate 1. The examples of dominant species:

- 1, 2 *Melosira varians* C.Agardh 1827: 628
- 3, 4 *Cyclotella meneghiniana* Kützting 1844: 50
- 5 *Conticribra weissflogii* (Grunow) Stachura-Suchoples & D.M.Williams 2009: 482
- 6, 7 *Pleurosira laevis* (Ehrenberg) Compere 1982: 177 var. *laevis*
- 8, 9 *Pleurosira laevis* (Ehrenberg) Compere 1982: 177 var. *polymorpha*
- 10 *Odontidium mesodon* (Kützting) Kützting 1849: 12
- 11, 12 *Ctenophora pulchella* (Ralfs ex Kützting) D.M.Williams & Round 1986: 330
- 13 *Tabularia fasciculata* (C.Agardh) D.M.Williams & Round 1986: 326
- 14, 15 *Cocconeis pseudothumensis* Reichardt 1982: 99

- 16 *Cocconeis pediculus* Ehrenberg 1838: 194
- 17, 18 *Cocconeis neothumensis* Krammer 1990: 151
- 19, 20 *Achnanthes brevipes* var. *intermedia* (Kützting) Cleve 1895: 193
- 21–23 *Achnantheidium minutissimum* (Kützting) Czarnecki 1994: 157
- 24, 25 *Planothidium lanceolatum* (Brébisson ex Kützting) Lange-Bertalot 1999: 287
- 26, 27 *Planothidium dubium* (Grunow) Round & Bukhtiyarova 1996: 352
- 28, 29 *Karayevia clevei* (Grunow) Round 1999: 94
- 30–32 *Planothidium nanum* sp. nov.



Supplementary plate 2. The examples of dominant species:

- 33 *Navicula striolata* (Grunow) Lange-Bertalot in Krammer & Lange-Bertalot 1985: 96
 34 *Navicula viridula* (Kützting) Ehrenberg 1836: 53
 35 *Navicula lanceolata* Ehrenberg 1838: 185
 36 *Navicula flandriae* B. Van de Vijver & A. Mertens in Beauger et al. 2015: 175
 37 *Navicula rostellata* Kützting 1844: 95
 38 *Navicula gregaria* Donkin 1861: 10
 39, 40 *Navicula cryptotenella* Lange-Bertalot in Krammer & Lange-Bertalot 1985: 62
 41, 42 *Navicula salinarum* var. *minima* Kolbe 1927: 74
 43 *Navicula phylleptosoma* Lange-Bertalot in Lange-Bertalot & Genkal 1999: 69
 44 *Navicula veneta* Kützting 1844: 95
 45 *Parlibellus protractoides* (Hustedt) Witkowski & Lange-Bertalot in U. Rumrich, H. Lange-Bertalot & M. Rumrich 2000: 197
 46 *Hippodonta capitata* (Ehrenberg) Lange-Bertalot, Metzeltin & Witkowski 1996: 254

- 47 *Halamphora coffeaeformis* (C. Agardh) Levkov 2009: 179
 48 *Halamphora luciae* (Cholnoky) Levkov 2009: 203
 49, 50 *Amphora pediculus* (Kützting) Grunow in A. Schmidt et al. 1875
 51–53 *Amphora inariensis* Krammer 1980: 211
 54, 55 *Haslea spicula* (Hickie) Bukhtiyarova 1995: 422
 56 *Gomphonema acuminatum* Ehrenberg 1832: 88
 57 *Gomphonema capitatum* Ehrenberg 1838: 217
 58, 59 *Gomphonema parvulum* (Kützting) Kützting 1849: 65
 60, 61 *Gomphonema minutum* (C. Agardh) C. Agardh 1831: 34
 62 *Gyrosigma attenuatum* (Kützting) Rabenhorst 1853: 47
 63 *Pleurosigma salinarum* (Grunow) Grunow in Cleve & Grunow 1880: 54
 64 *Berkeleya rutilans* (Trentepohl ex Roth) Grunow 1880: 1587
 65 *Nitzschia amphibia* Grunow 1862: 574
 66, 67 *Nitzschia* cf. *frustulum*
 68 *Tryblionella apiculata* W. Gregory 1857: 79
 69 *Nitzschia capitellata* Hustedt in A. W. F. Schmidt 1922
 70 *Nitzschia dissipata* (Kützting) Rabenhorst 1860: no. 968
 71 *Berkeleya rutilans* (Trentepohl ex Roth) Grunow 1880: 1587
 72 *Surirella brebissonii* Krammer & Lange-Bertalot 1987: 82