

PLATE 1. Figures 1–3: *Pinnularia micevskii* Levkov, Pavlov & Nakov sp. nov. (type population).
Figure 1: 1 representing the holotype. Scale bar = 10 µm. Figures 1–3: Mt. Šar Planina

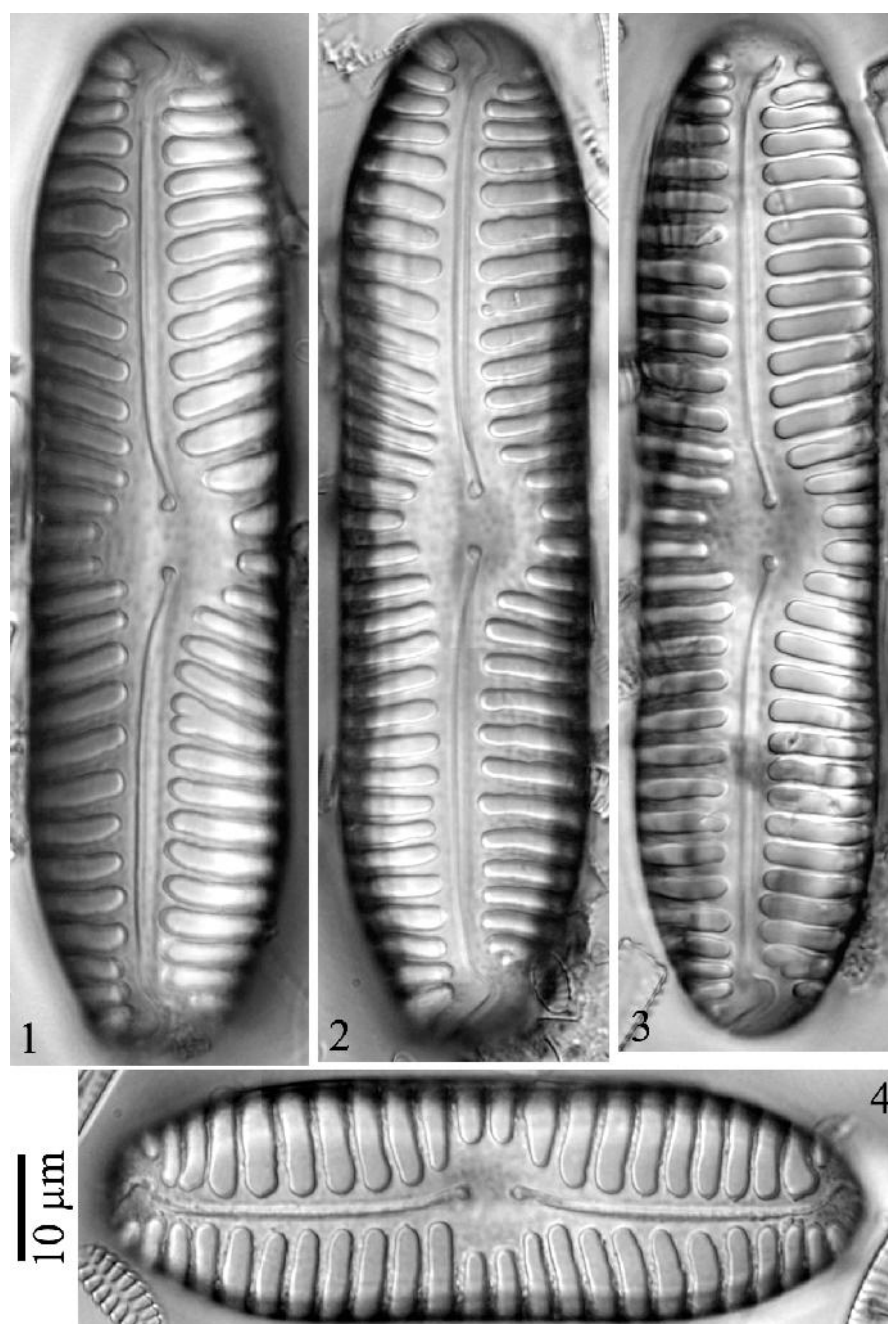


PLATE 2. Figures 1–4: *Pinnularia micevskii* Levkov, Pavlov & Nakov sp. nov. Scale bar = 10 µm.
Figures 1–4: Mt. Jablanica

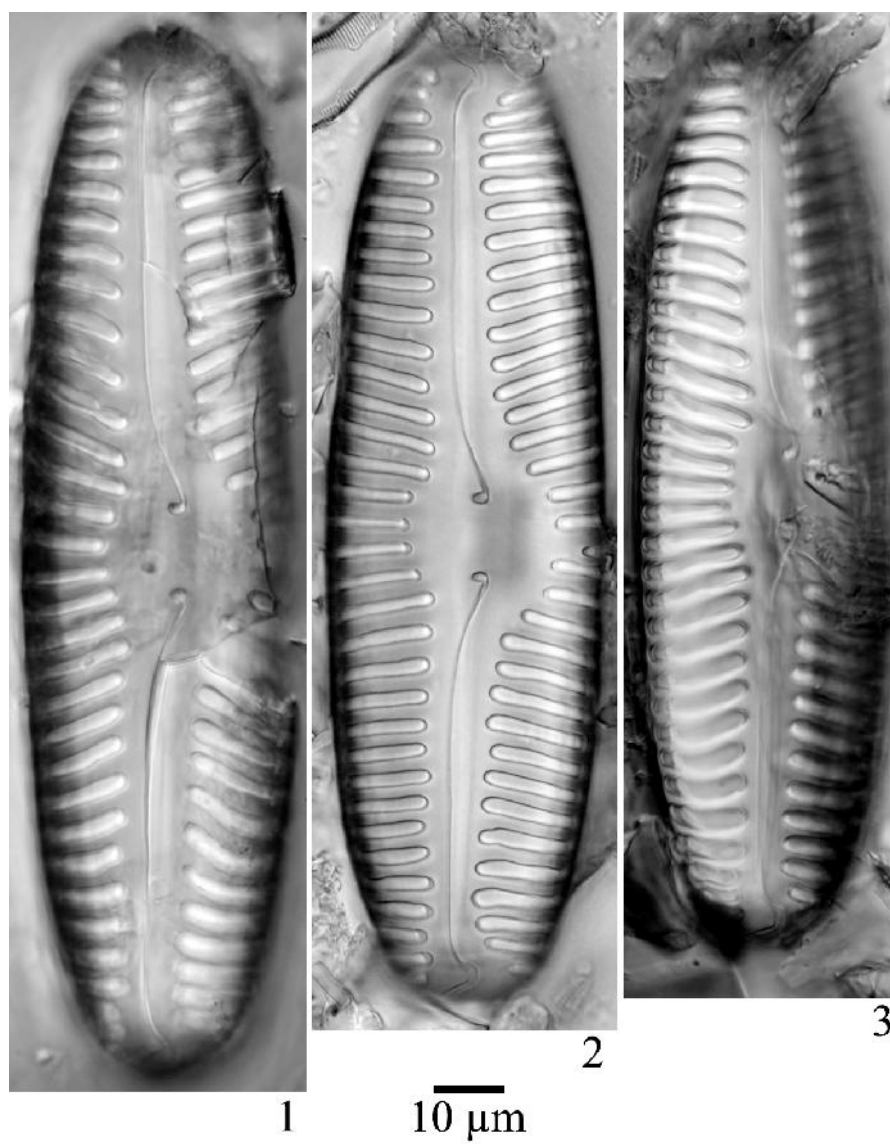


PLATE 3. Figures 1–3: *Pinnularia lata* (Brébisson) Rabenhorst var. *lata*. Scale bar = 10 μm.
Figures 1–3: Mt. Šar Planina

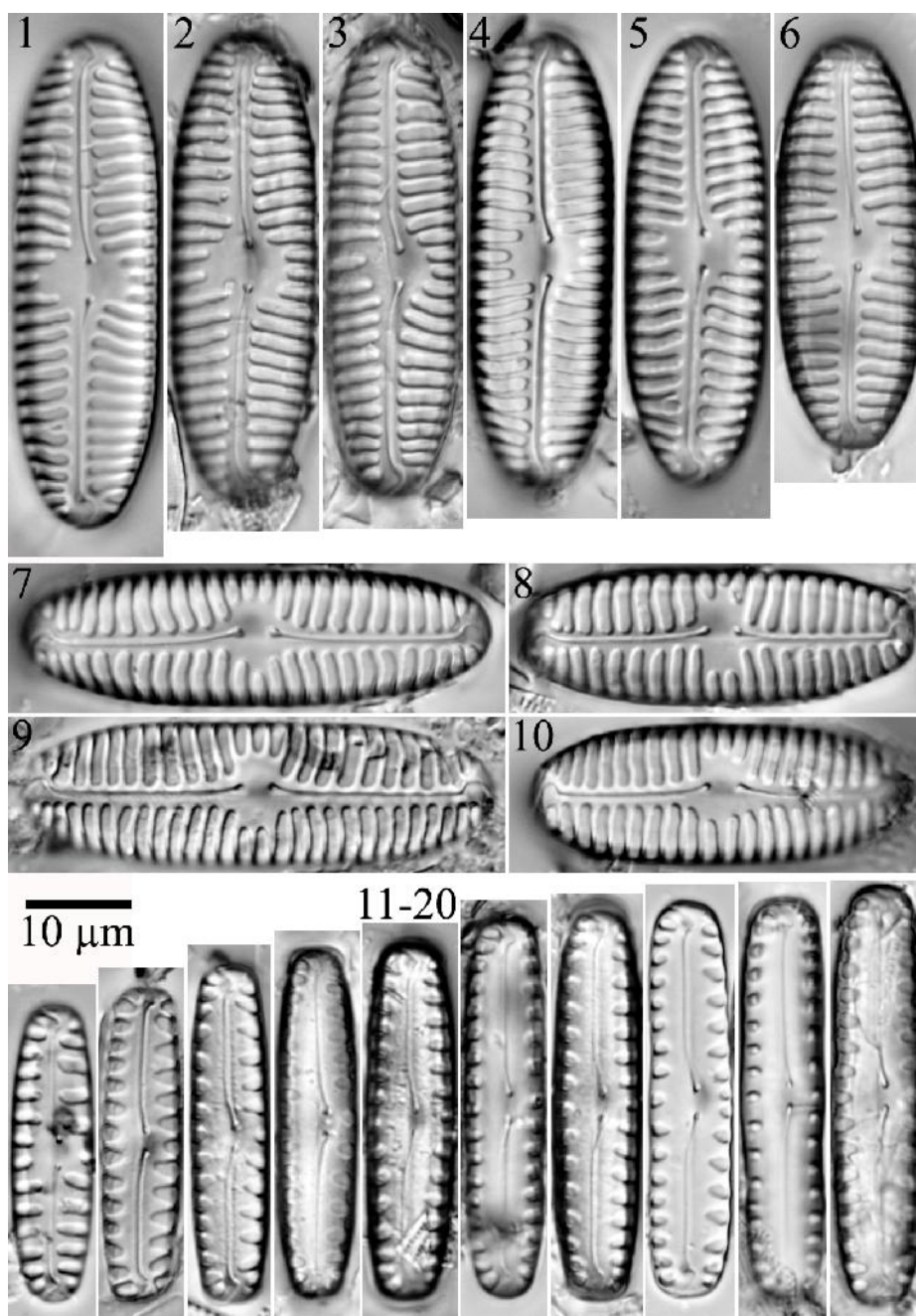


PLATE 4. Figures 1–10: *Pinnularia lata* var. *minor* (Grunow) Cleve. Figures 11–20: *Pinnularia dubitabilis* Hustedt var. *dubitabilis*. Scale bar = 10 µm. Figures: 1–10, 12–16, 20. Mt. Šar Planina. Figure 11: Mariovo. Figures 17–19: Mt. Osogovo

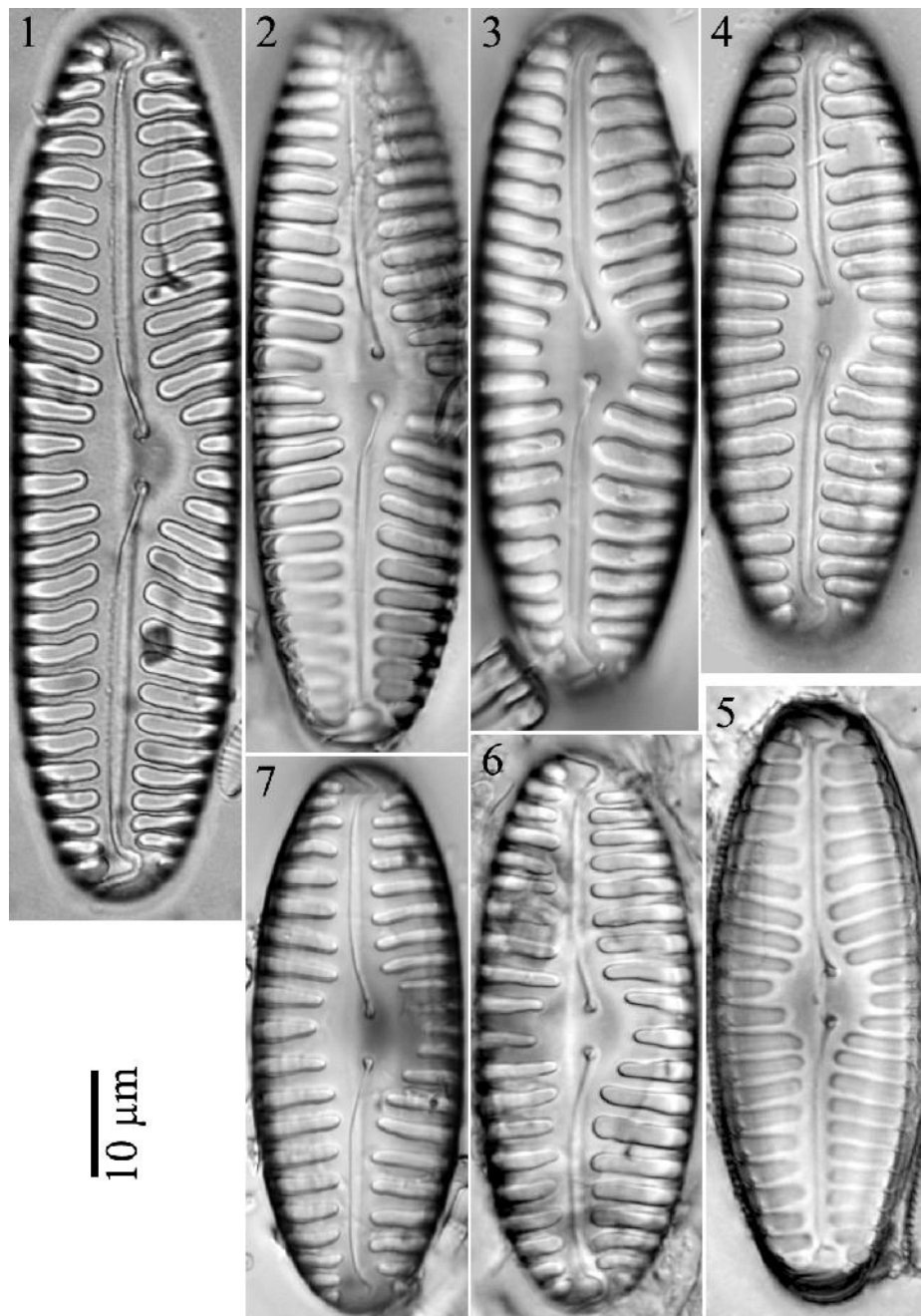


PLATE 5. Figures 1–7: *Pinnularia subalpina* sp. nov. (type population).
 Figure 5: 3 representing the holotype. Scale bar = 10 µm. Figures 1–4: Lake Crmo, Mt. Šar Planina.
 Figures 5–7: Small lake near Čardak, Mt. Šar Planina

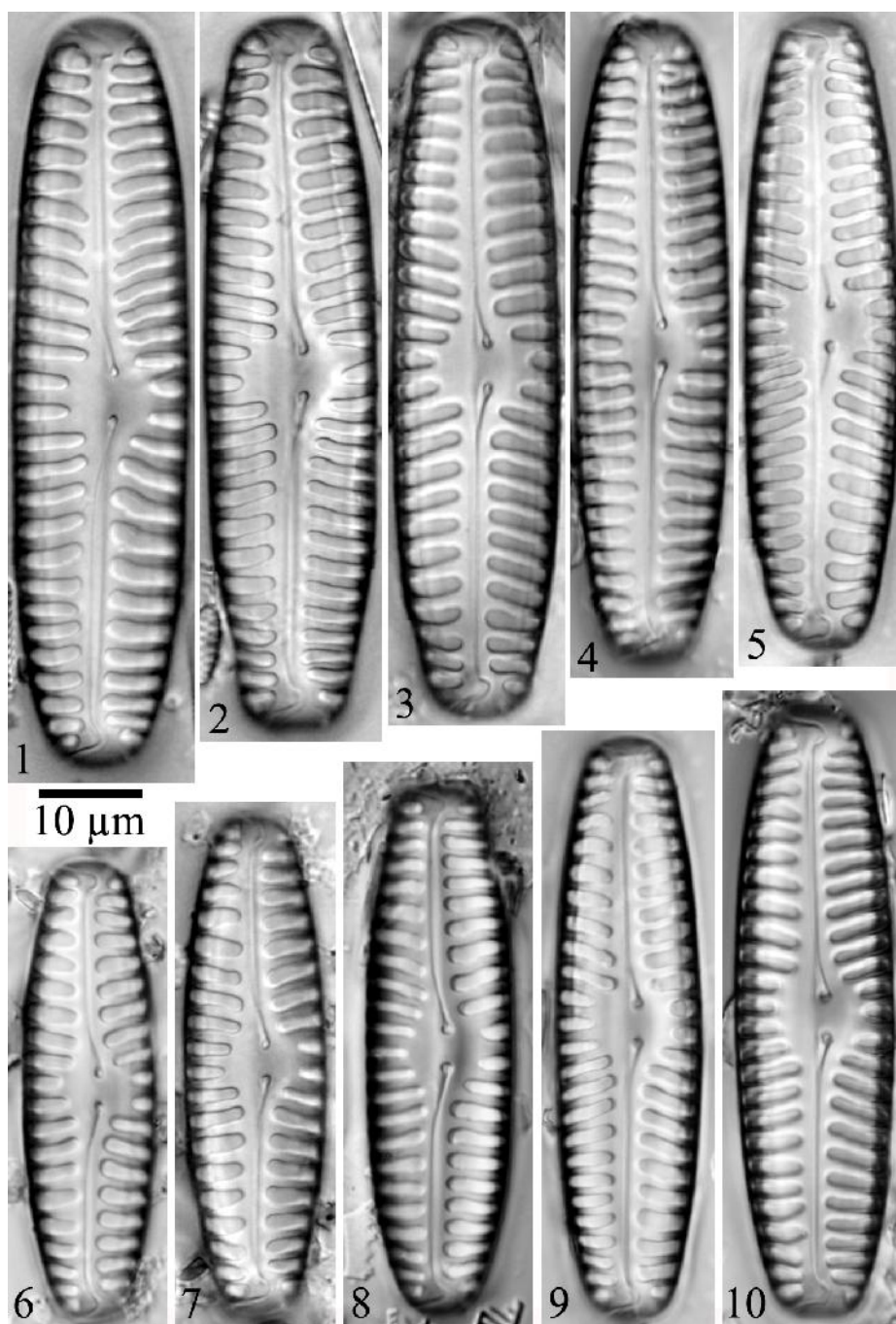


PLATE 6. Figures 1–10: *Pinnularia rabenhorstii* (Grunow) Krammer var. *rabenhorstii*. Scale bar = 10 μ m.
Figures 1–5, 8, 9: Mt. Šar Planina. Figure 10: Mt. Pelister

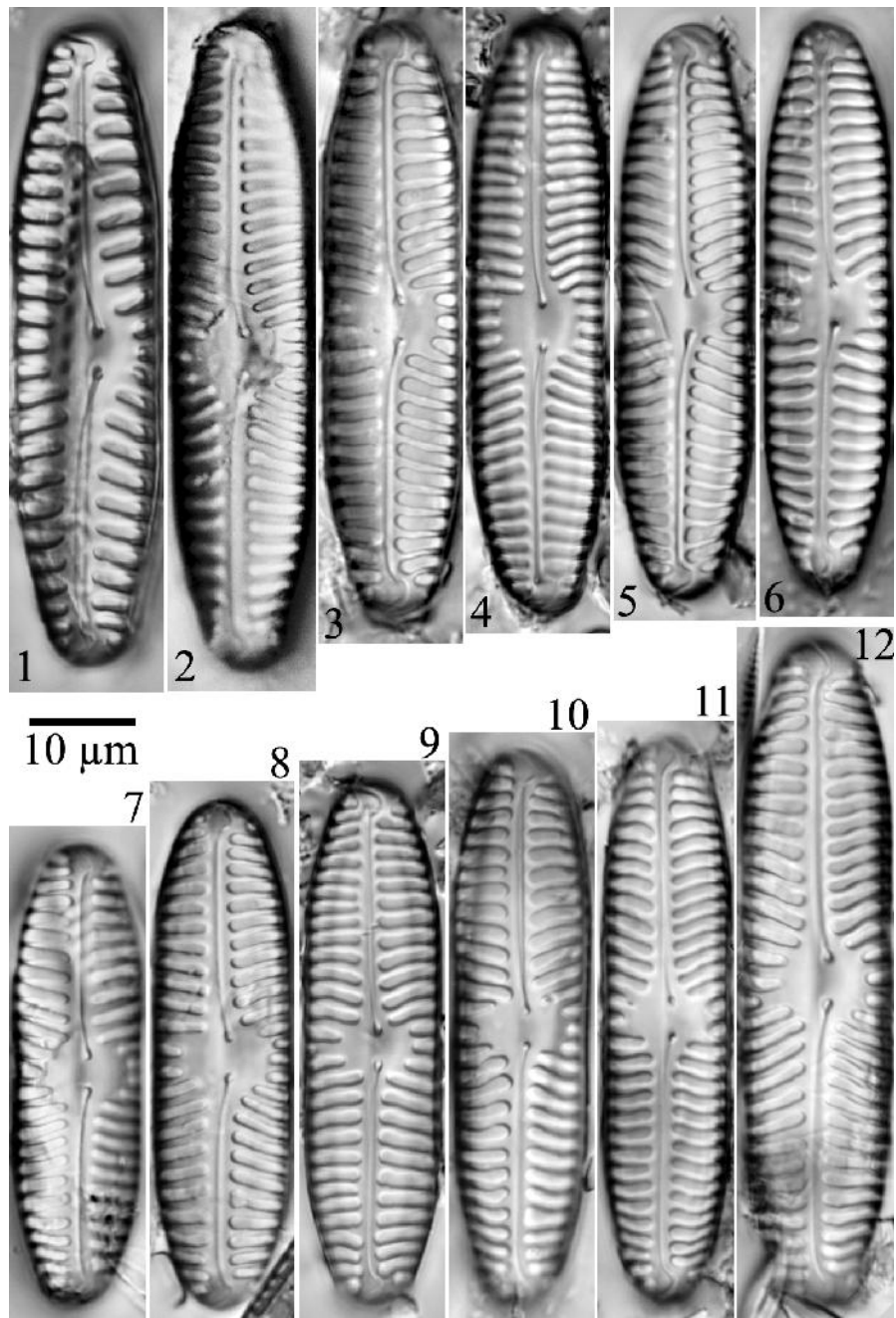


PLATE 7. Figures 1–12: *Pinnularia rabenhorstii* var. *franconica* Krammer. Scale bar = 10 μm .
Figure 1: Mariovo. Figures 2, 3, 5, 6: Mt. Šar Planina. Figures: 4, 7–12. Mt. Pelister

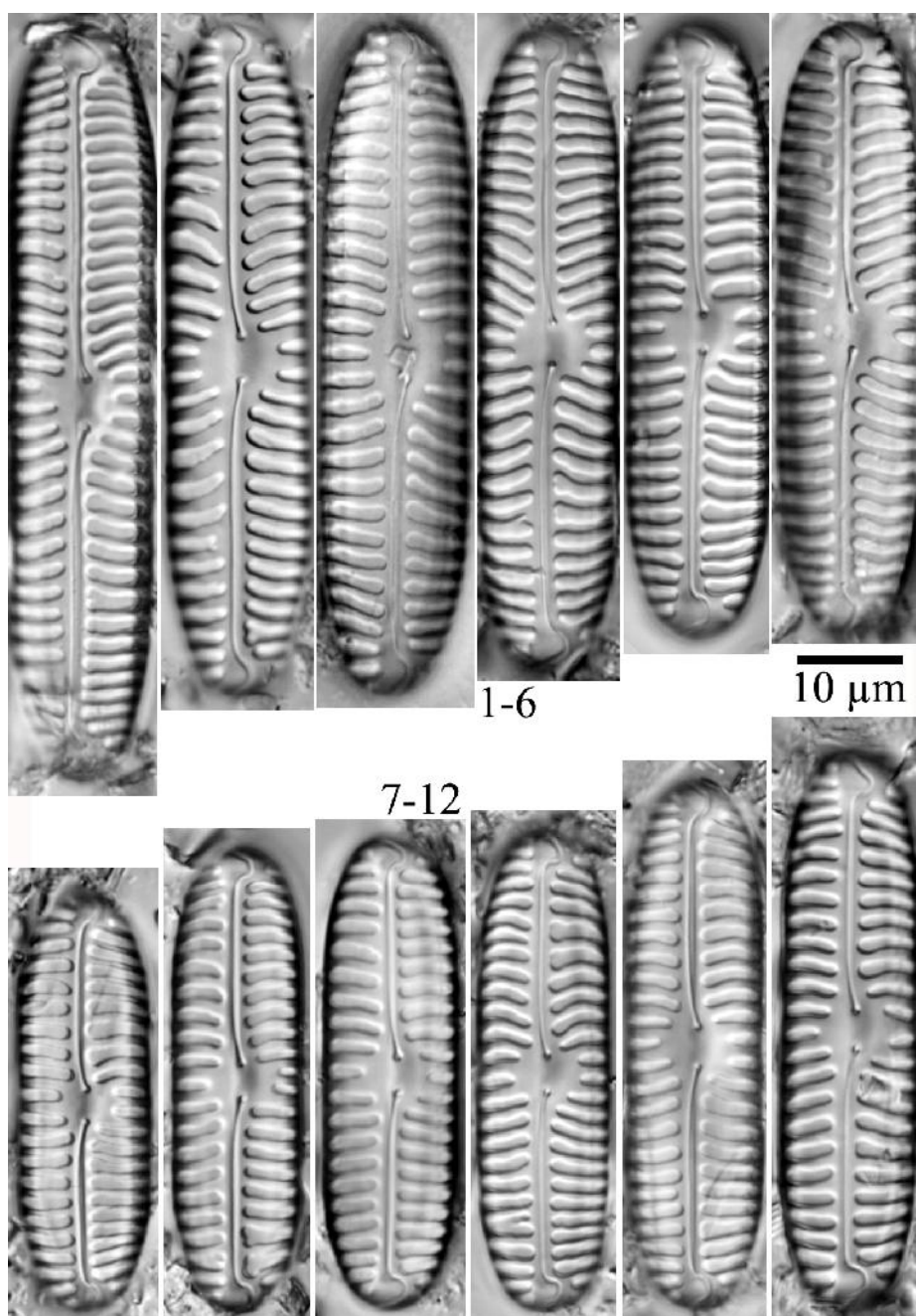


PLATE 8. Figures 1–12: *Pinnularia idsbensis* sp. nov. (type population).
 Figure 8: 2 representing the holotype. Scale bar = 10 μm . Figures 1, 2, 4, 5, 7–12: Mt. Pelister.
 Figures 3, 6: Mt. Šar Planina

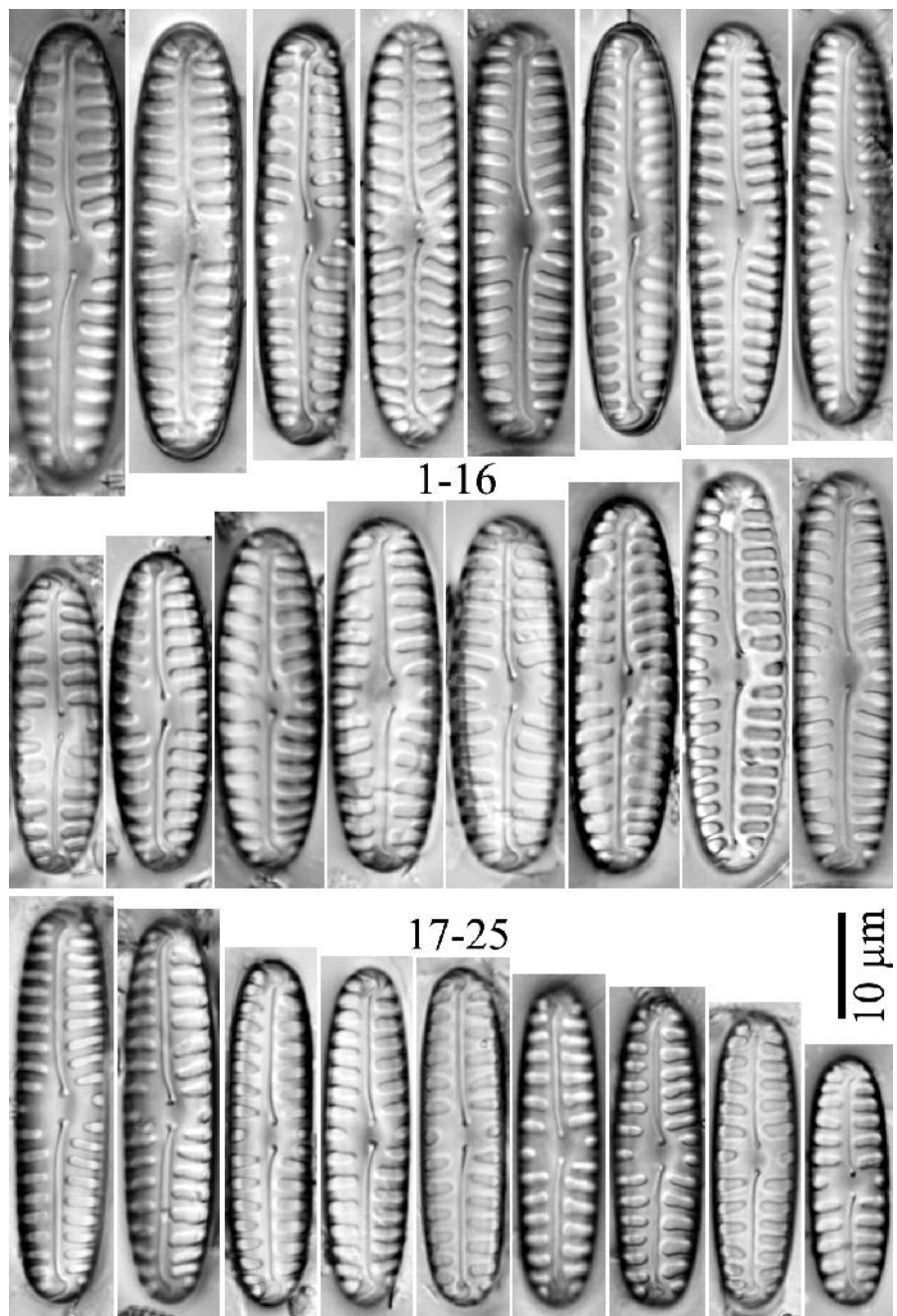


PLATE 9. Figures 1–25: *Pinnularia borealis* Ehrenberg var. *borealis*. Scale bar = 10 μm.
 Figures 1–5, 11, 14, 25: Mt. Šar Planina. Figures 15, 16: Mt. Jablanica.
 Figures 6–10, 12, 13, 17–24: Mt. Pelister

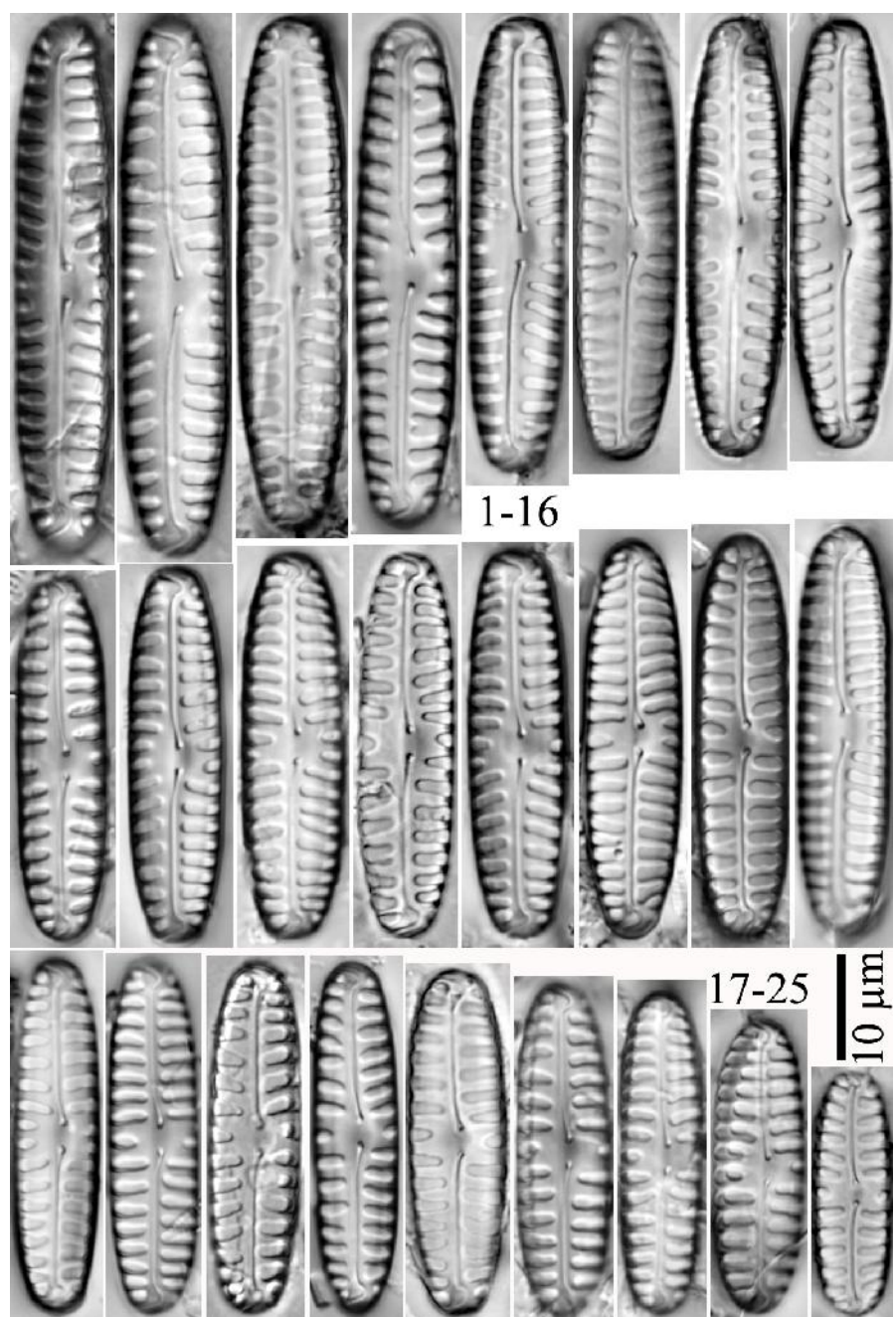


PLATE 10. Figures 1–16: *Pinnularia borealis* var. *scalaris* (Ehrenberg) Rabenhorst.
 Figures 17–25: *Pinnularia borealis* Ehrenberg var. *borealis*. Scale bar = 10 μm .
 Figures 1–8, 11–13, 16: Mt. Šar Planina. Figures 9, 10, 17–25: Mt. Pelister. Figures 14, 15: Mariovo

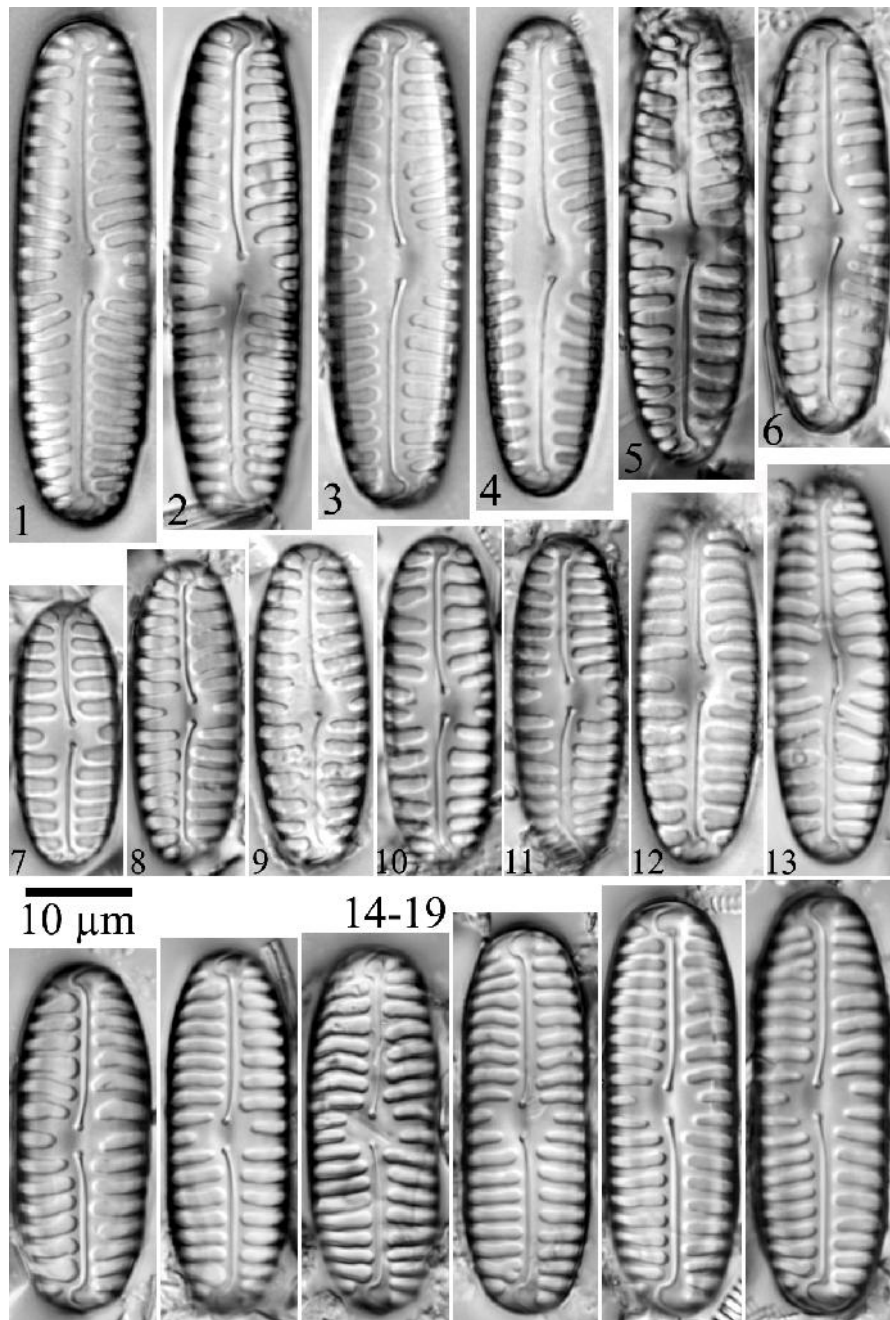


PLATE 11. Figures 1–13: *Pinnularia borealis* var. *islandica* Krammer.
 Figures 14–19: *Pinnularia idsbensis* sp. nov. Scale bar = 10 μ m. Figures 1, 3, 4, 6, 9, 12: Mt. Šar Planina.
 Figures 2, 5: Mariovo. Figures 7, 8, 10, 11, 13–19: Mt. Pelister

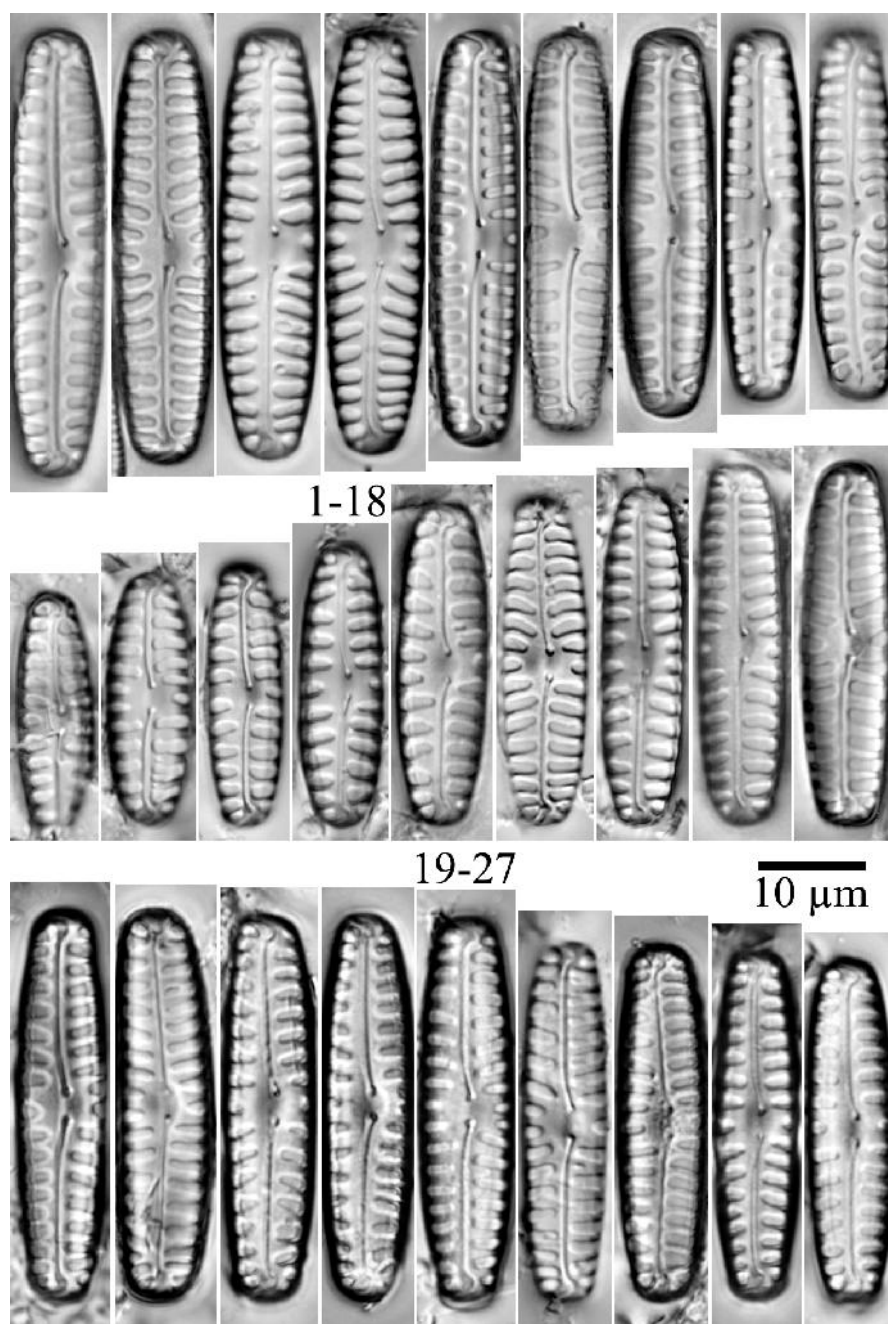


PLATE 12. Figures 1–27: *Pinnularia borealis* var. *subislandica* Krammer. Scale bar = 10 μm .
 Figures 1, 2, 5–11, 14, 19–27: Mt. Šar Planina. Figures 3, 4: Mariovo.
 Figures 12, 15, 17: Mt. Pelister. Figures 13, 16, 18: Village of Zabrečani, near Prilep (old well)

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ПРЕГЛЕД НА СЕКЦИЈАТА *DISTANTES* ОД РОДОТ *PINNULARIA* (BACILLARIOPHYTA) ВО МАКЕДОНИЈА; ДИВЕРЗИТЕТ И ДИСТРИБУЦИЈА

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Pinnularia е еден од најголемите и најшироко распространети слатководни дијатомејски родови. Сепак, истражувањата посветени на секцијата *Distantes* од родот *Pinnularia* се малобројни. Значаен диверзитет на таксони од родот *Pinnularia* од секцијата *Distantes* е забележан во водните хабитати на неколку планински области во Македонија. Вкупно се евидентирани 12 таксони, од кои три се опишани како нови видови: *Pinnularia idsbensis*, *P. micevskii* и *P. subalpina*. Главните морфолошки карактеристики се опишани за сите евидентирани таксони. За новите видови вклучени се и оние карактеристики кои ги одделуваат од најсличните таксони. Дополнителен коментар е даден за распространувањето на секој од забележаните таксони како и за хабитатите кои ги населува. Хабитатите кои овие таксони ги населуваат се разликуваат според типот и надморската височина, односно опфатени се: високопланински езера, со глацијално или неглацијално потекло, извори, потоци, реки и тресетишта, како и стари бунари за водоснабдување, но исто така и трајни или привремено влажни карпи.

Клучни зборови: дијатомеи; *Pinnularia*; sectio *Distantes*; диверзитет; Македонија