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BACILLARIOPHYTA

1. . NAVICULACEAE KÜTZ.

(. . .) 113
 , . . . 63 -
 - *Nupela* Vyverman et Compère *Prestauroneis* Bruder et Medlin. 7

pH.

: , . . . , *Bacillariophyta*, ,

(Gutwi sky, 1897; Kołodziejczyk, 1916)

(. . . , 1999; . . . , 2004).

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(. . . 297 , . . . 5160 ²) -

(. . .).

(. . . , 1978; . . . , 1979; . . . , 2006). 20

1968; . . . , 1998). (. . . , 1939; . . . ,

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(1999) – 887 , . . 309
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 (2 3), -
 (4 5)
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 (, 1975).
 (Nikon Eclipse E 600) (JSM-25S).
 . (1988), (Cox, 1987, 1988; Round et al.,
 1990; Lange-Bertalot, Metzeltin, 1996; Lange-Bertalot, 1997, 1999; Schiller,
 Lange-Bertalot, 1997; Moser et al., 1998).

116

, . . 63

Adlafia Lange-Bertalot

***A. bryophila* (Petersen) Lange-Bertalot** (. I, 9) (= *Navicula bryophila* Petersen, *N. maillardii* Germain).

13,3 ., 3 .

***A. suchlandtii* (Hust.) Lange-Bertalot** (. I, 10) (= *Navicula suchlandtii* Hust.).

16 ., 4,5 ., 27 10 .

Amphipleura Kütz.

***A. rutilans* (Trentep.) Cleve** (. II, 16) (= *Conferva rutilans* Trentep., *Berkeleya rutilans* (Trentep.) Grunow).

19,3 ., 3,3 .

Caloneis Cleve

***C. biconstrictoides* Levkov** (. II, 18).

36-44,7 ., 10-12 ., 19 10 .

***C. hyalina* Hust.** (. II, 17).

17,3-18 ., 5-5,3 ., 21-24 10 .

***C. silicula* var. *elliptica* Freng.** (. II, 19).

22,7-36 ., 7,7-10 ., 21-23 10 .

***C. silicula* var. *minuta* (Grunow) Cleve** (. II, 13).

30 ., 6 ., 23 10 .

Chamaepinnularia Lange-Bertalot et Krammer

***Ch. krookii* (Grunow) Lange-Bertalot et Krammer** (. I, 14) (= *Navicula krookii* Grunow, *N. ignobilis* Krasske, *Pinnularia ignobilis* (Krasske) Cleve-Euler, *P. krookii* (Grunow) Cleve).

24 ., 6 ., 20 10 .

Craticula Grunow

***C. ambigua* (Ehrenb.) D.G. Mann** (. III, 3) (= *Navicula ambigua* Ehrenb., *N. cuspidata* var. *ambigua* (Ehrenb.) Cleve).

49,3-61,3 ., 14-16,7 ., 17-18 10 .

Diadesmis Kütz.

***D. confervaceae* Kütz.** (. III, 14) (= *Navicula confervaceae* (Kütz.) Grunow, *N. confervaceae* var. *hungarica* Grunow, *N. confervaceae* var. *peregrina* Grunow, *Diadesmis peregrina* W. Sm.).

12-20 ., 5,3-7,3 ., 20-21 10 .

Diploneis Ehrenb.

***D. petersenii* Hust.** (. III, 31).

14,7 ., 6 ., 24 10 .

Eolimna Lange-Bertalot et Schill.

***E. subminuscula* (Mang.) Moser, Lange-Bertalot et Metzeltin** (. I, 8) (= *Navicula subminuscula* Mang., *N. luzonensis* Hust., *N. demissa* Hust., *N. frugalis* Hust., *N. vaucheriae* Petersen sensu Hust., *N. pervarva* Hust. sensu Cholnoky).

12 ., 5 ., 18 10 .

Fallacia A.J. Stickle et D.G. Mann

***F. insociabilis* (Krasske) D.G. Mann** (. III, 28) (= *Navicula insociabilis* Krasske, *N. fritschii* Lund, *N. natalensis* Cholnoky).

10 ., 3,7 ., 24 10 .

***F. pygmaea* (Kütz.) D.G. Mann** (. III, 32) (= *Navicula pygmaea* Kütz., *N. minutula* W. Sm., *N. rotundata* Hantzsch fide Grunow in Van Heurck 1880, *N. hudsonis* Grunow, *Diploneis hudsonis* Cleve).

19,3-31,3 ., 8-12 ., 24-30 10 .

***F. subhamulata* (Grunow) D.G. Mann** (. III, 27) (= *Navicula subhamulata* Grunow).

10,7-18 ., 4,7-5,7 .

Frustulia Rabenh.

***F. krammeri* Lange-Bertalot et Metzeltin** (. IV, 4).

102,7 ., 20,7 ., 24 10 .

Geissleria Lange-Bertalot et Metzeltin

***G. decussis* (Hust.) Lange-Bertalot et Metzeltin** (. I, 13) (= *Navicula decussis* Östr., *N. terebrata* Hust., *N. exiguiformis* Hust., *N. exiguiformis* f. *capitata* Hust.).

18,7-26 ., 6,3-8 ., 16-18 10 .

Gyrosigma Hass.

***G. exile* (Grunow) Reimer** (. IV, 3).

100 ., 13,3 ., 17 10 .

***G. obtusatum* (Sull. et Wormley) Boyer** (. IV, 2).

82-126,7 ., 13,3-18,7 ., 18-19 10 .

***G. spencerii* (Quekett) Griff. et Henfrey** (. IV, 1) (= *Navicula spencerii* Quekett, *Pleurosigma kützingii* Grunow, *P. spencerii* var. *kützingii* (Grunow) Grunow, *Gyrosigma kützingii* (Grunow) Cleve).

88-113,3 ., 13,3-14 ., 20-21 10 .

Hippodonta Lange-Bertalot, Metzeltin et Witkowski

***H. arkonensis* Lange-Bertalot, Metzeltin et Witkowski** (. III, 30).

14 ., 4 ., 14 10 .

Kobayasiella Lange-Bertalot

***K. parasubtilissima* (Kobayasi et Nagumo) Lange-Bertalot** (. I, 4) (= *Navicula parasubtilissima* Kobayasi et Nagumo, *Kobayasia parasubtilissima* (Kobayasi et Nagumo) Lange-Bertalot).

29,3-30,7 ., 4,7 .

Luticola D.G. Mann

***L. goeppertiana* (Bleisch) D.G. Mann** (. II, 15) (= *Navicula mutica* var. *goeppertiana* M. Bleisch).

18,7-34 ., 7,3-9,3 ., 18-19 10 .

Mayamaea Lange-Bertalot

***M. atomus* var. *permites* (Hust.) Lange-Bertalot** (. III, 26) (= *Navicula permittes* Hust., *N. peratomus* Hust., *N. atomus* var. *permites* (Hust.) Lange-Bertalot, *N. atomus* var. *alcimonica* Reich., *Mayamaea atomus* var. *alcimonica* (Reich.) Reich., *M. permittes* (Hust.) Bruder et Medlin).

9,3 ., 3,3 .

***M. fossalis* (Krasske) Lange-Bertalot** (. III, 29) (= *Navicula fossalis* Krasske).

9,3-10 ., 3,3-4 ., 14 10 .

Navicula Bory

***N. antonii* Lange-Bertalot** (. III, 15) (= *N. antonii* var. *grunowii* Lange-Bertalot).

11,3-20,7 ., 5,3-6,7 ., 14-15 10 .

Navicula associata Lange-Bertalot (. III, 13) (= *N. reichardtiana* var. *crassa* Lange-Bertalot et Hoff.).

18-20 ., 6-7,3 ., 17-18 10 .

N. cryptofallax Lange-Bertalot et Hoff. (. III, 7).

22 ., 5,3 ., 17 10 .

N. cryptotenelloides Lange-Bertalot (. III, 16, 17).

10,7-16,7 ., 3,7-4 ., 19 10 .

N. exilis Kütz. (. III, 14) (= *N. cryptocephala* var. *exilis* Grunow).

19,3-22,7 ., 5,3-6,7 ., 16-18 10 .

N. hofmanniae Lange-Bertalot (. III, 12).

30,7-32 ., 7,3-8 ., 17-18 10 .

N. libonensis Schoeman (. III, 20) (= *N. viridula* var. *pamirensis* Hust., *N. schubartii* var. *africana* P.A. Archibald).

32-33,3 ., 6-6,7 ., 13-14 10 .

N. moscalii Metzeltin, Witkowski et Lange-Bertalot (. III, 18) (= *Frustulia oblonga* Kütz.).

17,3-24,7 ., 6,3-7,3 ., 14-16 10 .

N. oligotraphenta Lange-Bertalot et Hoff. (. III, 19).

27,3 ., 7,3 ., 16 10 .

N. rhynchotella Lange-Bertalot (. III, 4).

48,6-50,7 ., 12-12,7 ., 11-12 10 .

N. slesvicensis Grunow (. III, 10) (= *N. viridula* var. *slesvicensis* (Grunow) Van Heurck), *N. trivialis* Lange-Bertalot.

30,7-53,3 ., 10-10,7 ., 9-10 10 .

N. stankovicii Hust. (. III, 8, 9).

32,7-36,7 ., 6 ., 15 10 .

N. upsaliensis (Grunow) Perag. (. III, 5, 6) (= *N. menisculus* var. *upsaliensis* Grunow in Van Heurck 1880, *N. menisculus* var. *upsaliensis* Grunow in Cleve et Grunow 1880, *N. (gastrum* var.?) *upsaliensis* in Cleve et Möll. 1881).

21,3-45,3 ., 9,3-10,7 ., 13-14 10 .

N. wiesneri Lange-Bertalot (. III, 21) (= *N. heufleri* f. *minuta* Grunow).

15,3-23,3 ., 3,7-5,3 ., 13 10 .

Nupela Vyverman et Compère

N. wellneri (Lange-Bertalot) Lange-Bertalot (. I, 5-7) (= *Navicula wellneri* Lange-Bertalot).

13,6-14,5 ., 4,5-7,3 ., 23-24 10 .

Parlibellus Cox

P. protractoides (Hust.) Witkowski, Lange-Bertalot et Metzeltin (. I, 15) (= *Navicula protractoides* Hust.).

23,3 ., 6,7 ., 19 10 .

Pinnularia Ehrenb.

P. anglica Krammer (. II, 10).

42 ., 8 ., 12 10 .

Pinnularia grunowii Krammer (. II, 5).

37,3-42 ., 8-8,7 ., 11-12 10 .

P. isselana Krammer (. II, 8) (= *P. subrupestris* var. *parva* Krammer, *P. rupestris* var. *cuneata* Krammer).

26,7 ., 7,3 ., 11 10 .

P. neohalophila Kulikovskiy, Genkal, Mikheyeva nov. stat., nov. nom. (. II, 2-4).

Basionym: *P. rhombarea* var. *halophila* Krammer 2000, Diatoms of Europe, Vol. 1. p. 217, fig. 54: 6-11.

32,7-58,7 ., 10-14 ., 10 10 .

P. rhombarea Krammer , K. (Krammer, 2000),

10 . *Pinnularia rhombarea* var. *halophila* -

10 (10-11, 9-10).

Pinnularia rhombaundulata Kulikovskiy, Genkal nov. stat., nov. nom.

Basionym: *P. rhombarea* var. *undulata* Krammer 2000, Diatoms of Europe, Vol. 1. p. 217, fig. 56: 1-3.

P. rhombavariarea Kulikovskiy, Genkal nov. stat., nov. nom.

Basionym: *P. rhombarea* var. *variarea* Krammer 2000, Diatoms of Europe, Vol. 1. p. 218, fig. 56: 4-6.

P. brevicapitata (Krammer) Kulikovskiy, Genkal nov. stat.

Basionym: *P. rhombarea* var. *brevicapitata* Krammer 2000, Diatoms of Europe, Vol. 1. p. 218, fig. 56: 7-11.

P. biundulata (O. Müll.) Kulikovskiy, Genkal nov. stat.

Replaced synonym: *P. microstauron* var. *biundulata* O. Müll. 1898, Forschungsber. Biol. Stat. Plön. Vol. 6, p. 25.

Synonym: *P. microstauron* f. *biundulata* (O. Müll.) Hust. 1930, p. 320, fig. 583; *P. rhombarea* var. *biundulata* (O. Müll.) Krammer 2000, p. 76, fig. 56: 12.

P. neomajor Krammer (. II, 1).

165,3 ., 26,7 ., 8 10 .

- Pinnularia obscura* Krasske** (. II, 12).
15,3 ., 4 ., 9 10 .
- P. latarea* Krammer** (. II, 6).
46,7-49,3 ., 8,7 ., 10-11 10 .
P. latarea var. *thermophila* Krammer,
- P. thermophila* (Krammer) Kulikovskiy, Genkal nov. stat.**
Basionym: *P. latarea* var. *thermophila* Krammer 2000, Diatoms of Europe, Vol. 1. p. 224, fig. 80: 1-6.
- P. parvulissima* Krammer** (. II, 9).
42,7-45,3 ., 8,7-9,3 ., 9 10 .
- Pinnularia perspicua* Krammer** (. II, 7).
45,3-66 ., 10,7-11,3 ., 11-12 10 .
- P. sinistra* Krammer** (. II, 11).
28 ., 4 ., 12 10 .
- Placoneis Mereschkowsky**
- P. elginensis* (Greg.) Cox** (. I, 3) (= *Pinnularia elginensis* Greg.).
27,3 ., 8,7 ., 11 10 .
- P. ignorata* (Schimanski) Lange-Bertalot** (. I, 12) (= *Navicula ignorata* Schimanski, *N. dicephala* f. *cuneata* M. Møller ex Foged 1977, *N. elginensis* var. *cuneata* (M. Møller ex Foged) Lange-Bertalot).
20,7-26 ., 8 ., 12 10 .
- P. paraelginensis* Lange-Bertalot** (. I, 11) (= (?) *Placoneis dicephala* (Ehrenb.) Mereschkowsky).
22,7-27,3 ., 7,3-8 ., 12-13 10 .
- P. subgastriformis* (Hust.) Cox** (. I, 2) (= *Navicula subgastriformis* (Hust.) Cox).
29,3 ., 10,7 ., 14 10 .
- Prestauroneis Bruder et Medlin**
- P. integra* (W. Sm.) Bruder** (. I, 1) (= *Pinnularia integra* W. Sm., *Navicula integra* (W. Sm.) Ralfs).
34,7 ., 9,3 ., 18 10 .
- Sellaphora Mereschkowsky**
- S. cf. insolita* (Manguin ex Kociolek et Reviere) Hamilton et Antoniadis** (. III, 22) (= *Navicula insolita* Manguin ex Kociolek et Reviere).
22-34 ., 9,3-10 ., 19-21 10 .
- S. lanceolata* D.G. Mann et S. Droop** (. III, 23).
25,3-28 ., 6,7-7,3 .
- S. obesa* D.G. Mann et M.M. Bayer** (. III, 24).
29,3-32,7 ., 8,7-10 ., 22 10 .

Stauroneis Ehrenb.

S. amphicephala Kütz. (. III, 2).

54-54,7 ., 12 ., 19 . 10 .

S. borrichii (Petersen) Lund (. III, 25) (= *Navicula borrichii* Petersen, *Stauroneis thienemannii* f. *simplex* Hust.).

18 ., 4,7 ., 19 . 10 .

S. gracilis Ehrenb. (. III, 1).

70 ., 14,7 ., 17 . 10 .

S. reichardtii Lange-Bertalot, Cavacini, Tagliaventi et Alfinito (. III, 11).

37,3 ., 9,3 ., 21 . 10 .

« »
(Mann, 1999). (Mann et al., 2004) (Droop et al., 2000)

« » ,

(, 1993).

Nupela Prestauroneis.

(Vyverman, Compère, 1993).

Nupela 40 ,

(Lange-Bertalot, Moser, 1994; Lange-Bertalot, 1999; Kusber, Metzeltin, 2001; Monnier et al., 2003; Potapova et al., 2003; Siver et al., 2007).

(Van de Vijver et al., 2002; Monnier et al., 2003). *Nupela*

wellneri

; « »

(Lange-Bertalot, Krammer, 1987; Potapova et al., 2003). *Prestauroneis* (Bruder, Medlin 2008)

P. integra –

(Krammer, Lange-Bertalot, 1986).

Hippodonta arkoensis.

(Lange-

Bertalot et al., 1996; Lange-Bertalot, 2001).

Stauroneis reichardtii, *Pinnularia latarea* *P. perspicua* –

Svalbard

(Lange-Bertalot et al., 2003; Van de Vijver et al., 2004).

(Krammer, 2000).

Navicula parasubtilissima

N. subtilissima P.T. Cleve (Kobayasi, Nagumo, 1988).

N. subtilissima

Krammer, Lange-Bertalot, 1986: Fig. 79: 22-27).

N. subtilissima

(Krammer, Lange-Bertalot,

1986).

Kobayasia

Lange-Bertalot (Lange-Bertalot, 1996),

Kobayasiella (Lange-Bertalot,

1999).

N. subtilissima

(1999),

– *K. parasubtilissima*,

Navicula atomus Kütz. (= *Mayamaea atomus* (Kütz.)

Lange-Bertalot) (

, 1999).

– *M. atomus* var. *permites*.

(, 1951)

N. atomus

, *M. atomus* var. *permites*

(Kulikovskiy, 2006).

Sellaphora pupula-complex

(Mann,

2001, 2004).

– *Sellaphora lanceolata* *S. obesa*.

Sellaphora cf. *insolita*,

S. bacillum,

S. bacillum (Krammer, Lange-Bertalot, 1986).

(Jahn et al., 2008).

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: *Aneumastus rostratus* (Hust.)

Lange-Bertalot (*Navicula tuscula* var. *rostrata* Hust., *N. tusculoides* Cleve-

Euler), *A. stroesei* (Östr.) Mann et Stickle (*Navicula tuscula* var. *stroesei* Östr.,

N. pseudotuscula Hust.), *A. sphaerophora* (Ehrenb.) Pfitzer (*Navicula sphaerophora* Ehrenb.), *Caloneis amphisbaena* (Bory) Cleve (*Navicula amphisbaena* Bory), *C. lancettula* (Schulz) Lange-Bertalot et Witkowski (*C. aemula* var. *lancettula* Schulz, *C. bacillum* var. *lancettula* (Schulz) Hust.), *C. limosa* (Kütz.) Patrick (*Navicula limosa* Kütz., *N. gibberula* Kütz., *N. trochus* Ehrenb., *N. schumanniana* Grunow, *N. schumanniana* var. *biconstricta* (Grunow) Reich., *Caloneis schumanniana* (Grunow) Cleve), *C. tenuis* (Greg.) Krammer (*Pinnularia tenuis* Greg., *P. gracillima* Greg.), *Craticula cuspidata* (Kütz.) D.G. Mann (*Frustulia cuspidata* Kütz., *Navicula cuspidata* (Kütz.) Kütz., *N. cuspidata* var. *heribaudii* M. Perag.), *Diploneis alpina* Meist. (*D. domblittensis* var. *subconstricta* A. Cleve, *D. didyma* var. *bavarica* f. *typical* Mayer, *D. subconstricta* (A. Cleve) Cleve-Euler), *D. elliptica* (Kütz.) Cleve (*Navicula elliptica* Kütz.), *D. oculata* (Bréb.) Cleve (*Navicula oculata* Bréb.), *D. parma* Cleve, *D. subovalis* Cleve, *Eolimna minima* (Grunow) Lange-Bertalot (*Navicula minima* Grunow, *N. minutissima* Grunow, *N. atomoides* Grunow, *N. minima* var. *atomoides* (Grunow) Cleve, *N. tantula* Hust.), *Frustulia saxonica* Rabenh. (*F. rhomboids* auct. partim., *F. rhomboids* var. *saxonica* (Rabenh.) Pfitz.), *F. vulgaris* (Thw.) De Toni (*Schizonema vulgare* Thw., *Frustulia vulgaris* var. *elliptica* Hust.), *Geissleria paludosa* (Hust.) Lange-Bertalot morphotype 2 (*Navicula lagerstedtii* var. *palustris* Hust., *N. ignota* var. *palustris* (Hust.) Lund, *N. paludosa* Hust.), *G. schoenfeldii* (Hust.) Lange-Bertalot et Metzeltin (*Navicula schoenfeldii* Hust.), *G. similis* (Krasske) Lange-Bertalot et Metzeltin (*Navicula similis* Krasske), *Gyrosigma attenuatum* (Kütz.) Rabenh. (*Frustulia attenuata* Kütz.), *Hippodonta capitata* (Ehrenb.) Lange-Bertalot, Metzeltin et Witkowski (*Navicula capitata* Ehrenb.), *H. lueneburgensis* (Grunow) Lange-Bertalot, Metzeltin et Witkowski (*Navicula hungarica* var. *lueneburgensis* Grunow, *N. capitata* var. *lueneburgensis* (Grunow) Patrick), *Luticola ventricifusa* Lange-Bertalot (*Navicula mutica* var. *ventricosa* (Kütz.) Grunow sensu Hust. 1966, *N. neoventricosa* Hust. 1966 (excl. Basionym), *N. mutica* var. *ventricosa* (Kütz.) Grunow sensu Krammer et Lange-Bertalot 1986), *Navicula cari* Ehrenb. (*N. cincta* var. *cari* (Ehrenb.) Cleve), *N. capitatoradiata* Germ. (*N. cryptocephala* var. *intermedia* Grunow, *N. salinarum* var. *intermedia* (Grunow) Cleve), *N. cincta* (Ehrenb.) Ralfs (*Pinnularia cincta* Ehrenb., *N. heufleri* Grunow, *N. inutilis* Krasske, *N. tumida* Bock), *N. cryptocephala* Kütz. (*N. cryptocephala* Lange-Bertalot), *N. cryptotenella* Lange-Bertalot (*N. tenella* Bréb. ex Kütz., *N. radiosa* var. *tenella* (Bréb. ex Kütz.) Van Heurck), *N. oblonga* (Kütz.) Kütz., *N. reichardtiana* Lange-Bertalot (*Navicula exilis* Kütz. sensu Lange-Bertalot 1979), *N. reinhardtii* (Grunow) Grunow (*Stauroneis reinhardtii* Grunow), *N. tripunctata* (O.F. Müll.) Bory (*Vibrio tripunctata* O.F. Müll., *Navicula gracilis* Ehrenb., *Schizonema neglectum* Thw.), *N. veneta* Kütz. (*N. cryptocephala* var. *veneta* (Kütz.) Rabenh., *N. cryptocephala* var. *subsalina* Hust.), *N. viridula* (Kütz.) Ehrenb. (*Frustulia viridula* Kütz., *Pinnularia silesiaca* Bleisch ex

Fresenius 1862), *Neidium ampliatum* (Ehrenb.) Krammer (*Navicula ampliata* Ehrenb., *Neidium iridis* var. *ampliata* (Ehrenb.) Cleve), *N. binodis* (Ehrenb.) Hust. (*Navicula binodis* Ehrenb.), *N. bisulcatum* (Lag.) Cleve (*Navicula bisulcata* Lag.), *N. dubium* (Ehrenb.) Cleve (*Navicula dubia* Ehrenb.), *Parlibellus protracta* (Grunow) Witkowski, Lange-Bertalot et Metzeltin (*Navicula protracta* Grunow), *Pinnularia borealis* Ehrenb., *P. globiceps* Greg., *P. microstauron* (Ehrenb.) Cleve (*Stauroptera microstauron* Ehrenb., *S. parva* Ehrenb., *Navicula bicapitata* var. *hybrida* Grunow), *P. viridis* (Nitzsch) Ehrenb. (*Bacillaria viridis* Nitzsch), *Placoneis clementis* (Grunow) Cox (*Navicula clementis* Grunow), *P. gastrum* (Ehrenb.) Mereschkowsky (*Pinnularia gastrum* Ehrenb.), *P. placentula* (Ehrenb.) Heinzerling* (*Navicula placentula* (Ehrenb.) Kütz., *Pinnularia placentula* Ehrenb.), *P. pseudanglica* (Lange-Bertalot) Cox (*Navicula pseudanglica* Lange-Bertalot), *Sellaphora bacillum* (Ehrenb.) D.G. Mann (*Navicula bacillum* Ehrenb.), *S. pupula* (Kütz.) Mereschkowsky (*Navicula pupula* Kütz.), *Stauroneis* cf. *kriegeri* Patrick (*S. anceps* var. *capitata* Perag., *S. pygmaea* Krieg.).

(Krammer, Lange-Bertalot, 1986; Lange-Bertalot, 2001).

(Karayeva, Genkal, 1993; Lange-Bertalot, 1998; Werum, Lange-Bertalot, 2004; ..., 2005; , 2008; , 2008).

Chamaepinnularia krooki, *Frustulia krammeri*, *F. saxonica*, *Kobayasiella parasubtilissima*, *Pinnularia sinistra*.

(Lange-Bertalot, Genkal, 1999).

(, 2007). *Frustulia krammeri*

* *Navicula gastrum* (Ehr.) Kütz. var. *latiuscula* Grun.

Placoneis latiuscula (Grun.) Kulikovskiy, Genkal nov. comb., nov. stat.

Basionym: *Navicula gastrum* (Ehr.) Kütz. var. *latiuscula* Grun. in Cleve et Grun., K. Sv. Vet. Akad. Handl., 1880: 31.

Synonym: *Placoneis placentula* f. *latiuscula* (Grun.) Bukhtiyarova 1995, *Algologia*, Vol. 5(4), p. 420.

(Lange-Bertalot, 2001).

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(08-04-90007)
(08 -104).

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NEW DATA FOR THE *BACILLARIOPHYTA* FLORA OF BELARUS.

1. FAMILY *NAVICULACEAE* KÜTZ.

In the phytoplankton of the Svisloch River (Belarus Republic) 113 diatom taxa of species and infraspecific rank new for this river have been revealed. Among them 63 taxa are first cited for Belarus flora. Genera *Nupela* Vyverman et Compère et *Prestauroneis* Bruder et Medlin were not recorded in Belarus before. In the paper 7 new taxonomical combinations are suggested. All revealed taxa are known to prefer mesotrophic and eutrophic alkaline water bodies.

Keywords: Belarus, Svisloch River, *Bacillariophyta*, flora, new taxa, taxonomic combinations.

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