

Typical diatom assemblages

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RT1_2_4

Achnanthidium eutrophilum, Achnanthidium minutissimum, Amphora pediculus inariensis Complex, Caloneis bacillum Complex, Cocconeis euglypta, Cocconeis pediculus, Cocconeis placentula, Cyclotella costei, Cyclotella meneghiniana, Cymbella excisa, Diatoma vulgaris, Encyonema silesicacum minutum lange bertalotii, Eolimna comperei, Eolimna minima seminulum atomoides, Fallacia subhamulata helensis, Fragilaria capucina complex, Gomphonema olivaceum olivaceoides, Gomphonema parvulum Complex, Gomphonema pumilum complex, Halamphora montana, Melosira varians Complex, Navicula capitatoradiata, Navicula cryptotenella cryptotenelloides, Navicula gregaria, Navicula lanceolata complex, Navicula margalithii tripunctata, Navicula meniscus antonii, Navicula reichardtiana caterva, Nitzschia amphibia Complex, Nitzschia dissipata recta Complex, Nitzschia fonticola Complex, Nitzschia inconspicua Complex, Nitzschia palea paleacea, Nitzschia sociabilis, Planothidium lanceolatum, Reimeria sinuata, Reimeria uniseriata, Sellaphora submuralis Complex, Surirella brebissonii, Ulnaria ulna complex, Gomphonema, Mayamaea, Rhoicosphenia

RT3

Achnanthidium minutissimum, Amphora pediculus inariensis Complex, Asterionella formosa, Aulacoseira ambigua, Bacillaria paxillifera, Berkeleya rutilans, Cocconeis euglypta, Cocconeis placentula, Cyclotella atomus, Cyclotella meneghiniana, Encyonema silesicacum minutum lange bertalotii, Eolimna minima seminulum atomoides, Eolimna rhombelliptica, Eunotia implicata Complex, Fallacia crassicostata, Fragilaria capucina complex, Frustulia rhomboides Complex, Gomphonema parvulum Complex, Gomphonema pumilum complex, Gomphosphenia lingulatifomis, Halamphora montana, Hippodonta capitata, Hippodonta pseudaccepatata, Humidophila contenta, Lindavia rossii complex, Melosira varians Complex, Navicula arvensis difficilima, Navicula cryptocephala, Navicula cryptotenella cryptotenelloides, Navicula gottlandica, Navicula gregaria, Navicula lanceolata complex, Navicula margalithii tripunctata, Navicula meniscus antonii, Navicula rhynchocephala, Navicula schroeteri, Navicula tenelloides salinicola incertata, Navicula ventralis medioconvexa, Nitzschia amphibia Complex, Nitzschia aurariae, Nitzschia dissipata recta Complex, Nitzschia draveilensis, Nitzschia fonticola Complex, Nitzschia frustulum Complex, Nitzschia fruticosa, Nitzschia inconspicua Complex, Nitzschia lacuum alpina bryophila, Nitzschia palea paleacea, Nitzschia pura linearis Complex, Nitzschia sociabilis, Nitzschia tubicola, Pinnularia microstauron Complex, Planothidium delicatulum, Planothidium lanceolatum, Reimeria sinuata, Sellaphora submuralis Complex, Staurosira venter, Stephanodiscus hantzschii, Stephanodiscus neoastraea, Surirella brebissonii, Ulnaria ulna complex, Cyclostephanos, Discostella, Mayamaea, Parlibellus, Placoneis, Rhoicosphenia

RT5

Achnanthidium lauenburgianum, Achnanthidium minutissimum, Amphora indistincta, Amphora pediculus inariensis Complex, Caloneis bacillum Complex, Caloneis lancettula, Cocconeis euglypta, Cocconeis pediculus, Cocconeis placentula, Cyclotella meneghiniana, Cymatopleura elliptica, Encyonema reichardtii, Encyonema silesicacum minutum lange bertalotii, Eolimna minima seminulum atomoides, Fallacia insociabilis

complex, *Fallacia pygmaea forcipata*, *Fallacia subhamulata helensis*, *Gomphonema olivaceum olivaceoides*, *Gomphonema parvulum* Complex, *Gomphonema pumilum* complex, *Halamphora montana*, *Kolbesia gessneri*, *Melosira varians* Complex, *Navicula capitatoradiata*, *Navicula cryptocephala*, *Navicula cryptotenella cryptotenelloides*, *Navicula gregaria*, *Navicula margalithii tripunctata*, *Navicula meniscus antonii*, *Navicula reichardtiana caterva*, *Nitzschia dissipata recta* Complex, *Nitzschia palea paleacea*, *Nitzschia pura linearis* Complex, *Nitzschia sigma* Complex, *Nitzschia sociabilis*, *Planothidium lanceolatum*, *Reimeria sinuata*, *Surirella brebissonii*, *Surirella lacrimula*, *Surirella suecica*, *Ulnaria ulna* complex, *Diploneis*, *Gomphonema*, *Gyrosigma*, *Mayamaea*, *Rhoicosphenia*

RT8

Achnanthidium deflexum Complex, *Achnanthidium minutissimum*, *Achnanthidium subhudsonis*, *Amphora pediculus inariensis* Complex, *Cocconeis euglypta*, *Cocconeis pediculus*, *Cocconeis placentula*, *Cocconeis pseudolineata*, *Diatoma vulgare*, *Encyonema silesicacum minutum lange bertalotii*, *Eolimna minima seminulum atomoides*, *Fragilaria capucina* complex, *Geissleria ignota* complex, *Gomphonema olivaceum olivaceoides*, *Gomphonema parvulum* Complex, *Gomphonema pumilum* complex, *Melosira varians* Complex, *Navicula capitatoradiata*, *Navicula cryptocephala*, *Navicula cryptotenella cryptotenelloides*, *Navicula gregaria*, *Navicula lanceolata* complex, *Navicula margalithii tripunctata*, *Navicula meniscus antonii*, *Navicula reichardtiana caterva*, *Nitzschia costei*, *Nitzschia dissipata recta* Complex, *Nitzschia fonticola* Complex, *Nitzschia inconspicua* Complex, *Nitzschia palea paleacea*, *Nitzschia pura linearis* Complex, *Nitzschia sociabilis*, *Planothidium lanceolatum*, *Reimeria sinuata*, *Sellaphora submuralis* Complex, *Ulnaria ulna* complex, *Fistulifera*, *Gomphonema*, *Mayamaea*, *Rhoicosphenia*

RT9

Achnanthidium deflexum Complex, *Achnanthidium minutissimum*, *Achnanthidium subatomus*, *Achnanthidium subhudsonis*, *Amphora pediculus inariensis* Complex, *Cocconeis euglypta*, *Cocconeis placentula*, *Cocconeis pseudolineata*, *Diatoma mesodon*, *Encyonema silesicacum minutum lange bertalotii*, *Eolimna minima seminulum atomoides*, *Fragilaria capucina* complex, *Fragilaria tenera* complex, *Gomphonema parvulum* Complex, *Gomphonema pumilum* complex, *Melosira varians* Complex, *Navicula cryptocephala*, *Navicula cryptotenella cryptotenelloides*, *Navicula gregaria*, *Navicula gregarioides*, *Navicula lanceolata* complex, *Navicula lapsa*, *Navicula margalithii tripunctata*, *Navicula reichardtiana caterva*, *Navicula rhynchocephala*, *Nitzschia dissipata recta* Complex, *Nitzschia fonticola* Complex, *Nitzschia inconspicua* Complex, *Nitzschia palea paleacea*, *Nitzschia pura linearis* Complex, *Nupela lapidosa*, *Planothidium lanceolatum*, *Psammothidium helveticum chlidanos daonense*, *Psammothidium subatomoides*, *Reimeria sinuata*, *Ulnaria ulna* complex, *Mayamaea*, *Rhoicosphenia*

RT16

Achnanthidium atomoides, *Achnanthidium minutissimum*, *Achnanthidium subatomus*, *Amphora pediculus inariensis* Complex, *Cocconeis euglypta*, *Cocconeis placentula*, *Cocconeis pseudolineata*, *Diatoma ehrenbergii*, *Diatoma moniliformis tenuis*, *Encyonema silesicacum minutum lange bertalotii*, *Eolimna minima seminulum atomoides*, *Fragilaria arcus*, *Fragilaria austriaca*, *Fragilaria capucina* complex, *Fragilaria virescens* complex, *Geissleria ignota* complex, *Gomphonema olivaceum olivaceoides*, *Gomphonema parvulum* Complex, *Gomphonema pumilum* complex, *Navicula cryptotenella cryptotenelloides*, *Navicula gregaria*, *Navicula margalithii tripunctata*, *Navicula reichardtiana caterva*, *Nitzschia dissipata recta* Complex, *Nitzschia fonticola* Complex, *Nitzschia inconspicua* Complex, *Nitzschia palea paleacea*, *Planothidium lanceolatum*, *Reimeria sinuata*, *Gomphonema*, *Mayamaea*

RT17_18

Achnanthidium eutrophilum, Achnanthidium minutissimum, Amphora pediculus inariensis Complex, Cocconeis euglypta, Cocconeis pediculus, Cocconeis placentula, Cymbella excisa, Denticula tenuis, Diatoma moniliformis tenuis, Diatoma vulgaris, Encyonema silesiacum minutum lange bertalotii, Encyonopsis descripta falaisensis microcephala, Eolimna minima seminulum atomoides, Fragilaria capucina complex, Fragilaria virescens complex, Gomphonema olivaceum olivaceoides, Gomphonema parvulum Complex, Gomphonema pumilum complex, Melosira varians Complex, Navicula capitatoradiata, Navicula cryptotenella cryptotenelloides, Navicula margalithii tripunctata, Navicula meniscus antonii, Navicula reichardtiana caterva, Nitzschia dissipata recta Complex, Nitzschia fonticola Complex, Nitzschia inconspicua Complex, Nitzschia palea paleacea, Planothidium lanceolatum, Reimeria sinuata, Ulnaria ulna complex, Gomphonema, Mayamaea, Rhoicosphenia

RT19

Achnanthidium deflexum Complex, Achnanthidium minutissimum, Amphora pediculus inariensis Complex, Brachysira neoexilis, Cocconeis euglypta, Cocconeis pediculus, Cocconeis placentula, Cocconeis pseudolin-eata, Cymbella excisa, Denticula tenuis, Encyonema silesiacum minutum lange bertalotii, Encyonopsis cesatii, Eolimna minima seminulum atomoides, Eucocconeis laevis alpestris, Fragilaria capucina complex, Fragilaria tenera complex, Gomphonema olivaceum olivaceoides, Gomphonema parvulum Complex, Gomphonema pumilum complex, Melosira varians Complex, Navicula cryptotenella cryptotenelloides, Navicula margalithii tripunctata, Navicula meniscus antonii, Navicula reichardtiana caterva, Nitzschia dissipata recta Complex, Nitzschia fonticola Complex, Nitzschia inconspicua Complex, Nitzschia palea paleacea, Planothidium lanceolatum, Reimeria sinuata, Ulnaria ulna complex, Cymbopleura, Gomphonema, Rhoicosphenia