

Table S1. Dates of sampling at sampling sites in Slovenian transitional waters - the heavily modified estuary (PK) and the coastal brackish lagoon (SZNR) - and the coastal sea (000F) during 2018–2021. For the locations of sampling sites, see Figure S1.

In PK all sampling sites (PBS1, PBS2, PBS5) were sampled for microalgae diversity from April 2018 to March 2019, while from June 2020 onwards only PBS2 was sampled.

PK	SZNR	000F
6.04.2018		23.04.2018
7.05.2018		16.05.2018
5.06.2018		18.06.2018
3.07.2018		18.07.2018
1.08.2018		21.08.2018
13.09.2018		17.09.2018
5.10.2018		17.10.2018
7.11.2018		14.11.2018
3.12.2018		18.12.2018
9.01.2019		15.01.2019
7.02.2019		13.02.2019
5.03.2019		14.03.2019
	25.04.2019	
	20.06.2019	
	29.08.2019	
	15.01.2020	
22.06.2020		17.06.2020
21.07.2020		15.07.2020
27.08.2020	28.08.2020	19.08.2020
8.10.2020		13.10.2020
4.11.2020	3.11.2020	
27.11.2020	28.11.2020	18.11.2020
16.12.2020		15.12.2020
28.01.2021	15.01.2021	26.01.2021
19.02.2021	22.02.2021	25.02.2021
26.03.2021		23.03.2021
29.04.2021		15.04.2021
26.05.2021		18.05.2021

Table S2. List of taxa (species, genera) found in Slovenian transitional waters (PK, SZNR) and in the coastal sea (000F) along with their habitat preferences and ecological group affinities. Classification at higher taxonomic levels follows the most recent classification reported in AlgaeBase (Guiry and Guiry, 2025). Brackets indicate the common names of the main algal groups, which were also the most diverse in our study. The remaining taxa, belonging to various classes, are labelled as “other”.

Legend: ecological group — B, benthic; P, pelagic; T, tychopelagic; P-B, pelagic and benthic; habitat preference — M, marine; Br, brackish; FW, freshwater; mixed environments — M-Br, marine-brackish; M-Br-FW, marine-brackish-freshwater; FW-Br, freshwater-brackish.

TAXON	Ecological gr.	Habitat	PK	SZNR	000F
phylum HETEROKONTOPHYTA					
class Bacillariophyceae (diatoms)					
<i>Achnanthes</i> cf. <i>longipes</i>	B	M-Br-FW	+	+	-
<i>Achnanthes</i> sp.	B	M-Br-FW	+	+	+
<i>Amphiprora</i> spp.	B	M-Br-FW	+	+	-
<i>Amphora</i> spp.	B	M-Br-FW	+	+	+
<i>Asterionellopsis glacialis</i>	P	M	+	+	-
<i>Bacillaria paxillifera</i>	B	M-Br	+	+	-
<i>Cocconeis</i> cf. <i>sawensis</i>	B	M-Br-FW	-	+	-
<i>Cocconeis</i> cf. <i>scutellum</i>	B	M-Br-FW	+	-	-
<i>Cocconeis</i> spp.	B	M-Br-FW	+	+	+
cf. <i>Craticula cuspidata</i>	B	FW-Br	-	+	-
<i>Cylindrotheca closterium</i>	T	M-Br	+	+	+
<i>Cymbella</i> sp.	B	FW	+	+	-
cf. <i>Diatoma vulgare</i>	B	FW	+	-	-
<i>Diploneis crabro</i>	B	M-Br-FW	+	+	+
<i>Diploneis</i> spp.	B	M-Br-FW	+	+	-
<i>Entomoneis</i> cf. <i>alata</i>	B	Br	+	+	-
<i>Entomoneis</i> cf. <i>decussata</i>	B	M-Br	+	+	-
<i>Fragilaria</i> sp.	B	FW-Br	+	-	-
<i>Fragilariopsis</i> spp.	P	M	+	-	-
<i>Gomphonema</i> cf. <i>acuminatum</i>	B	FW-Br	+	-	-
<i>Gyrosigma</i> cf. <i>fasciola</i>	B	M-Br-FW	+	+	-
<i>Gyrosigma</i> spp.	B	M-Br-FW	+	+	-
<i>Haslea wawriake</i>	P	M	-	-	+
cf. <i>Iconella elegans</i>	B	FW-Br	-	+	-
<i>Licmophora</i> spp.	B	M-Br	+	+	+
<i>Lioloma</i> cf. <i>pacificum</i>	P	M	+	+	-
<i>Lyrella</i> sp.	B	M-Br-FW	+	+	-
<i>Meuniera membranacea</i>	P	M	+	-	-
<i>Navicula</i> cf. <i>subrostellata</i>	B	M-Br-FW	+	-	-
<i>Navicula</i> spp.	P-B	M	+	+	-
<i>Nitzschia</i> cf. <i>incerta</i>	B	M-Br	+	+	-
<i>Nitzschia</i> cf. <i>kurzeana</i>	P	M-Br	-	+	-
<i>Nitzschia longissima</i>	P	M-Br	+	+	+
<i>Nitzschia</i> cf. <i>sigmoidea</i>	B	FW-Br	-	+	-

<i>Nitzschia</i> spp.	P-B	M-Br-FW	+	+	+
cf. <i>Petrodictyon gemma</i>	B	FW	+	-	-
<i>Pinnularia</i> sp.	B	FW-Br	+	+	-
<i>Pleurosigma</i> cf. <i>angulatum</i>	P-B	M	+	+	-
<i>Pleurosigma normanii</i>	B	M	-	-	+
<i>Pleurosigma</i> spp.	P-B	M	+	+	+
<i>Podocystis adriatica</i>	P	M	-	+	-
cf. <i>Psammodictyon panduriforme</i>	B	M-Br	+	+	-
<i>Pseudo-nitzschia calliantha</i>	P	M	-	-	+
<i>Pseudo-nitzschia fraudulenta</i>	P	M	-	-	+
<i>Pseudo-nitzschia galaxiae</i>	P	M	-	-	+
<i>Pseudo-nitzschia multistriata</i>	P	M	+	-	+
<i>Pseudo-nitzschia</i> spp.	P	M	+	+	-
<i>Striatella unipunctata</i>	T	M-Br-FW	+	+	-
<i>Surirella</i> spp.	P	M-Br-FW	+	+	-
<i>Thalassionema frauenfeldii</i>	P	M	+	-	-
<i>Thalassionema nitzschioides</i>	P	M	+	+	+
<i>Thalassionema</i> spp.	P	M	+	+	-
<i>Tryblionella</i> sp.	B	FW	+	-	-
class Coscinodiscophyceae (diatoms)					
<i>Actinocyclus</i> sp.	B	Br	+	+	-
<i>Asteromphalus flabellatus</i>	P	M	+	+	-
<i>Asteromphalus</i> cf. <i>parvulus</i>	P	M	-	+	-
<i>Asteromphalus</i> spp.	P-B	M	+	-	+
<i>Corethron</i> sp.	P	M	-	+	-
<i>Coscinodiscus</i> spp.	P	M-Br	+	+	+
<i>Dactyliosolen blavyanus</i>	P	M	+	-	-
<i>Dactyliosolen fragilissimus</i>	P	M	+	+	+
<i>Dactyliosolen mediterraneus</i>	P	M	+	+	+
<i>Eupyxidicula turris</i>	P	M	-	+	-
<i>Guinardia flaccida</i>	P	M	+	+	+
<i>Guinardia striata</i>	P	M	+	+	+
<i>Melosira inflexa</i>	P	M	+	-	-
<i>Melosira nummuloides</i>	P	M-Br	+	+	-
<i>Melosira</i> sp.	P	M-Br-FW	+	-	-
<i>Neocalyptrella robusta</i>	P	M-Br	+	+	+
<i>Paralia sulcata</i>	T	M-Br	+	+	+
<i>Podosira stelligera</i>	P-B	M	+	+	-
<i>Pseudosolenia calcar-avis</i>	P	M	+	+	+
<i>Rhizosolenia</i> cf. <i>imbricata</i>	P	M	+	+	-
<i>Rhizosolenia</i> cf. <i>styliiformis</i>	P	M	+	-	-
<i>Rhizosolenia</i> spp.	P	M	+	+	+
class Mediophyceae (diatoms)					
<i>Bacteriastrium delicatulum</i>	P	M	-	-	+
<i>Bacteriastrium furcatum</i>	P	M	+	+	-
<i>Bacteriastrium jadrinum</i>	P	M	+	-	-

<i>Bacteriastrum</i> spp.	P	M	+	+	+
<i>Cerataulina pelagica</i>	P	M	+	+	+
<i>Chaetoceros affinis</i>	P	M	+	+	+
<i>Chaetoceros anastomosans</i>	P	M	+	-	-
<i>Chaetoceros brevis</i>	P	M	+	+	-
<i>Chaetoceros</i> cf. <i>borealis</i>	P	M	-	+	-
<i>Chaetoceros</i> cf. <i>curvisetus</i>	P	M	+	+	+
<i>Chaetoceros dadayi</i>	P	M	+	-	-
<i>Chaetoceros danicus</i>	P	M	+	+	-
<i>Chaetoceros decipiens</i>	P	M	+	+	-
<i>Chaetoceros didymus</i>	P	M	+	+	-
<i>Chaetoceros</i> cf. <i>diversus</i>	P	M	+	-	-
<i>Chaetoceros lauderi</i>	P	M	+	-	-
<i>Chaetoceros rostratus</i>	P	M	+	+	-
<i>Chaetoceros simplex</i>	P	M	-	-	+
<i>Chaetoceros</i> spp.	P	M	+	+	+
<i>Chaetoceros</i> cf. <i>subtilis</i>	P	M	+	+	-
<i>Chaetoceros vixvisibilis</i>	P	M	+	-	-
<i>Cyclotella</i> spp.	P	M-Br-FW	+	-	+
<i>Detonula</i> cf. <i>confervacea</i>	P	M	+	-	-
<i>Detonula pumila</i>	P	M	+	+	-
<i>Ditylum brightwellii</i>	P	M	+	-	-
<i>Eucampia cornuta</i>	P	M	+	+	-
<i>Eucampia</i> spp.	P	M	-	-	+
<i>Eucampia zodiacus</i>	P	M	+	+	+
<i>Hemiaulus hauckii</i>	P	M	+	+	+
<i>Hemiaulus sinensis</i>	P	M	+	+	-
<i>Lauderia annulata</i>	P	M	+	+	+
<i>Leptocylindrus convexus</i>	P	M	+	+	-
<i>Leptocylindrus danicus</i>	P	M	+	+	+
<i>Lithodesmium undulatum</i>	P	M	+	+	-
<i>Odontella aurita</i>	P-B	M-Br	+	-	-
<i>Proboscia alata</i>	P	M	+	+	+
<i>Proboscia indica</i>	P	M	+	+	+
<i>Skeletonema costatum</i> s.l.	P	M-Br	+	+	+
<i>Thalassiosira rotula</i>	P	M	+	-	+
<i>Thalassiosira</i> spp.	P	M	+	+	+
<i>Trieres mobiliensis</i>	P	M	+	+	-
class Chrysophyceae (other)					
<i>Dinobryon</i> spp.	P	M-Br-FW	+	-	+
class Dictyochophyceae (other)					
<i>Dictyocha fibula</i>	P	M	+	+	+
<i>Octactis octonaria</i>	P	M	+	+	+
<i>Octactis speculum</i>	P	M	+	-	-
<i>Parapedinella reticulata</i>	P	M-Br	-	-	+
phylum DINOFLAGELLATA					

class Dinophyceae (dinoflagellates)

<i>Akashiwo sanguinea</i>	B	M	+	+	-
<i>Alexandrium insuetum</i>	P	M	+	+	-
<i>Alexandrium minutum</i>	P	M	+	-	+
<i>Alexandrium pseudogonyaulax</i>	P	M	+	+	+
<i>Alexandrium</i> spp.	P	M	+	+	-
<i>Alexandrium</i> cf. <i>tamarense</i>	P	M	+	-	-
<i>Amphisolenia</i> sp.	P	M	-	+	-
cf. <i>Archaeoperidinium minutum</i>	B	M	+	+	-
<i>Azadinium caudatum</i> var. <i>margalefii</i>	P	M	+	+	-
<i>Blixaea quinquecornis</i>	B	M	+	-	-
<i>Cochlodinium</i> sp.	P	M-Br	+	-	-
<i>Coolia monotis</i>	B	M	-	+	-
<i>Corythodinium tessellatum</i>	P	M	+	-	-
<i>Dinophysis acuminata</i>	P	M	+	-	-
<i>Dinophysis caudata</i>	P	M	+	+	+
<i>Dinophysis fortii</i>	P	M	+	+	-
<i>Dinophysis hastata</i>	P	M	+	-	-
<i>Dinophysis ovum</i>	P	M	+	-	-
<i>Dinophysis sacculus</i>	P	M	+	+	+
<i>Dinophysis</i> cf. <i>similis</i>	P	M	+	-	-
<i>Dinophysis</i> spp.	P	M	+	-	-
<i>Dinophysis tripos</i>	P	M	+	-	+
<i>Diplopsalis</i> group	T	M	+	+	+
<i>Dissodinium pseudolunula</i>	P	M	+	-	-
<i>Gonyaulax diegensis</i>	P	M	+	+	-
<i>Gonyaulax</i> cf. <i>digitalis</i>	P	M	+	-	-
<i>Gonyaulax fragilis</i>	P	M	+	-	-
<i>Gonyaulax polygramma</i>	P	M	+	+	-
<i>Gonyaulax scrippsiae</i>	P	M	+	-	-
<i>Gonyaulax spinifera</i>	P	M	+	+	-
<i>Gonyaulax</i> spp.	P	M	-	-	+
<i>Gonyaulax verior</i>	P	M	+	+	-
<i>Gymnodinium</i> cf. <i>fuscum</i>	P	M	+	-	-
<i>Gymnodinium</i> spp.	P	M-Br-FW	+	-	+
<i>Gyrodinium</i> spp.	P	M-Br	+	-	+
<i>Heterocapsa</i> spp.	P	M-Br	+	+	+
<i>Heterocapsa</i> cf. <i>triquetra</i>	P	M-Br	+	-	-
<i>Karenia papilionacea</i>	P	M	-	-	+
<i>Lingulaulax polyedra</i>	P	M	+	+	+
<i>Mesoporos perforatus</i>	P	M	+	-	-
<i>Oxyphysis oxytoxoides</i>	P	M	+	-	-
<i>Oxytoxum sceptrum</i>	P	M	+	+	-
<i>Oxytoxum scolopax</i>	P	M	+	-	-
<i>Oxytoxum</i> spp.	P	M	+	-	+
<i>Pentaparsodinium</i> cf. <i>dalei</i>	P	M	+	-	-

<i>Phalacroma mitra</i>	P	M	-	+	-
<i>Phalacroma rotundatum</i>	P	M	+	+	+
<i>Podolampas bipes</i>	P	M	+	+	-
<i>Podolampas palmipes</i>	P	M	+	+	+
<i>Prorocentrum aporum</i>	P	M-Br	+	+	-
<i>Prorocentrum balticum</i>	P	M-Br	+	-	+
<i>Prorocentrum compressum</i>	P	M	+	+	+
<i>Prorocentrum cordatum</i>	P	M-Br	+	+	+
<i>Prorocentrum dactylus</i>	P	M-Br	+	+	+
<i>Prorocentrum cf. formosum</i>	B	M	+	-	-
<i>Prorocentrum gracile</i>	P	M	+	-	+
<i>Prorocentrum lima</i>	B	M-Br	+	+	-
<i>Prorocentrum micans</i>	P	M	+	+	+
<i>Prorocentrum scutellum</i>	B	M	+	-	-
<i>Prorocentrum spp.</i>	P-B	M-Br-FW	+	+	-
<i>Prorocentrum triestinum</i>	P	M-Br	+	+	+
<i>Protoceratium reticulatum</i>	P	M	+	+	+
<i>Protooperidinium bipes</i>	P	M	+	+	+
<i>Protooperidinium brevipes</i>	P	M	+	+	-
<i>Protooperidinium cerasus</i>	P	M	+	+	-
<i>Protooperidinium cf. claudicans</i>	P	M	+	-	-
<i>Protooperidinium conicoides</i>	P	M	+	+	-
<i>Protooperidinium conicum</i>	P	M	+	+	-
<i>Protooperidinium crassipes</i>	P	M	+	+	-
<i>Protooperidinium curtipes</i>	P	M	+	-	-
<i>Protooperidinium cf. curvipes</i>	P	M	+	-	-
<i>Protooperidinium depressum</i>	P	M	+	+	+
<i>Protooperidinium diabolus</i>	P	M	+	+	-
<i>Protooperidinium divergens</i>	P	M	+	+	-
<i>Protooperidinium cf. latidorsale</i>	P	M	+	+	-
<i>Protooperidinium mite</i>	P	M	+	-	-
<i>Protooperidinium cf. oblongum</i>	P	M	+	+	-
<i>Protooperidinium ovum</i>	P	M	+	-	+
<i>Protooperidinium cf. pallidum</i>	P	M	+	+	-
<i>Protooperidinium cf. pellucidum</i>	P	M	+	+	-
<i>Protooperidinium pyriforme</i>	P	M	+	+	-
<i>Protooperidinium spp.</i>	P	M	+	+	+
<i>Protooperidinium steinii</i>	P	M	+	+	-
<i>Protooperidinium cf. subinerme</i>	P	M	+	-	-
<i>Protooperidinium cf. thorianum</i>	P	M	+	-	-
<i>Protooperidinium tuba</i>	P	M	+	+	-
<i>Pselodinium vaubanii</i>	P	M	+	-	+
<i>Pyrophacus horologium</i>	P	M	+	-	-
<i>Pyrophacus sp.</i>	P	M	+	-	-
<i>Scaphodinium mirabile</i>	P	M	+	+	-
<i>Scrippsiella acuminata</i>	P	M	+	-	+

<i>Scrippsiella</i> spp.	P	M-Br	+	+	-
<i>Triadinium polyedricum</i>	P	M	+	+	-
<i>Tripos azoricus</i>	P	M	+	+	-
<i>Tripos candelabrum</i>	P	M	+	-	+
<i>Tripos extensus</i>	P	M	+	+	-
<i>Tripos furca</i>	P	M	+	+	+
<i>Tripos fusus</i>	P	M	+	+	+
<i>Tripos hexacanthus</i>	P	M	+	-	-
<i>Tripos lineatus</i>	P	M	+	+	-
<i>Tripos longipes</i>	P	M	+	+	-
<i>Tripos longirostrum</i>	P	M	+	-	-
<i>Tripos massiliensis</i>	P	M	+	-	-
<i>Tripos muelleri</i>	P	M	+	+	-
<i>Tripos pentagonus</i>	P	M	+	-	-
<i>Tripos setaceus</i>	P	M	+	-	-
<i>Tripos teres</i>	P	M	+	-	-
<i>Tripos trichoceros</i>	P	M	+	+	+
class Noctilucopephyceae (dinoflagellates)					
<i>Noctiluca scintillans</i>	P	M-Br	+	+	+
phylum HAPTOPHYTA					
class Centrohelea (other)					
<i>Meringosphaera mediterranea</i>	P	M	+	+	+
<i>Meringosphaera</i> sp.	P	M	-	-	+
class Coccolithophyceae (coccolithophores)					
<i>Acanthoica quattropsina</i>	P	M	+	+	-
<i>Calcidiscus leptoporus</i>	P	M	+	-	-
<i>Calciosolenia brasiliensis</i>	P	M	+	+	+
<i>Calciosolenia murrayi</i>	P	M	+	-	+
<i>Calciosolenia</i> sp.	P	M	+	-	-
<i>Chrysochromulina</i> spp.	P	M	+	-	-
<i>Coronosphaera mediterranea</i>	P	M	+	-	-
<i>Gephyrocapsa huxleyi</i>	P	M	+	+	+
<i>Helicosphaera carteri</i>	P	M	+	-	-
<i>Ophiaster hydroideus</i>	P	M	+	+	+
<i>Rhabdosphaera clavigera</i> var. <i>styliifera</i>	P	M	+	-	+
<i>Syracosphaera histrica</i>	P	M	-	-	+
<i>Syracosphaera pulchra</i>	P	M	+	+	+
phylum CHLOROPHYTA					
class Chlorophyceae (other)					
<i>Pediastrum</i> sp.	P	FW	+	-	-
<i>Scenedesmus</i> sp.	P	FW	+	+	-
phylum CYANOBACTERIA					
class Cyanophyceae (cyanobacteria)					
cf. <i>Anabaena</i> sp.	P	FW-Br	+	-	-
<i>Lyngbya</i> sp.	P-B	M-Br-FW	+	+	-
<i>Merismopedia</i> sp.	P	FW-Br	+	+	-

<i>Nosctoc</i> sp.	P	FW	-	+	-
<i>Oscillatoria</i> sp.	P-B	M-Br-FW	+	-	-
phylum EUGLENOPHYTA					
class Euglenophyceae (other)					
<i>Eutreptiella</i> sp.	P	M-Br	+	-	-
CERCOZOA					
<i>Hermesinum adriaticum</i>	P	M	+	+	-

¹ not included in the group “other” or in any further analysis

Table S3. List of genera found in Slovenian transitional waters (PK, SZNR) and coastal sea (000F). Genera exclusive to either PK or SZNR are marked with bold.

Genus	PK	SZNR	000F
DIATOMS			
Achnanthes	+	+	+
Actinocyclus	+	+	-
Amphiprora	+	+	-
Amphora	+	+	+
Asterionellopsis	+	+	-
Asteromphalus	+	+	+
Bacillaria	+	+	-
Bacteriastrum	+	+	+
Cerataulina	+	+	+
Chaetoceros	+	+	+
Cocconeis	+	+	+
Corethron	-	+	-
Coscinodiscus	+	+	+
cf. Craticula	-	+	-
Cyclotella	+	-	+
Cylindrotheca	+	+	+
Cymbella	+	+	-
Dactyliosolen	+	+	+
Detonula	+	+	-
cf. Diatoma	+	-	-
Diploneis	+	+	+
Ditylum	+	-	-
Entomoneis	+	+	-
Eucampia	+	+	+
Eupyxidicula	-	+	-
Fragilaria	+	-	-
Fragilariopsis	+	-	-
Gomphonema	+	-	-
Guinardia	+	+	+
Gyrosigma	+	+	-
Haslea	-	-	+
Hemiaulus	+	+	+
cf. Iconella	-	+	-
Lauderia	+	+	+
Leptocylindrus	+	+	+
Licmophora	+	+	+
Lioloma	+	+	-
Lithodesmium	+	+	-
Lyrella	+	-	-
Melosira	+	+	-
Meuniera	+	-	-

Navicula	+	+	-
Neocalyptrella	+	+	+
Nitzschia	+	+	+
Odontella	+	-	-
Paralia	+	+	+
Petrodictyon	+	-	-
Pinnularia	+	+	-
Pleurosigma	+	+	+
Podocystis	-	+	-
Podosira	+	+	-
Proboscia	+	+	+
cf. Psammodictyon	+	+	-
Pseudo-nitzschia	+	+	+
Pseudosolenia	+	+	+
Rhizosolenia	+	+	+
Skeletonema	+	+	+
Striatella	+	+	-
Surirella	+	+	-
Thalassionema	+	+	+
Thalassiosira	+	+	+
Trieres	+	+	-
Tryblionella	+	-	-
DINOFLAGELLATES			
Akashiwo	+	+	-
Alexandrium	+	+	+
Amphisolenia	-	+	-
cf. Archaeoperidinium	+	+	-
Azadinium	+	+	-
Blixaea	+	-	-
Cochlodinium	+	-	-
Coolia	-	+	-
Corythodinium	+	-	-
Dinophysis	+	+	+
Diplopsalis	+	+	+
Dissodinium	+	-	-
Gonyaulax	+	+	+
Gymnodinium	+	-	+
Gyrodinium	+	-	+
Heterocapsa	+	+	+
Karenia	-	-	+
Lingulaulax	+	+	+
Mesoporos	+	-	-
Noctiluca	+	+	+
Oxyphysis	+	-	-
Oxytoxum	+	+	+
Pentapharsodinium	+	-	-

Phalacroma	+	+	+
Podolampas	+	+	+
Prorocentrum	+	+	+
Protoceratium	+	+	+
Protoperidinium	+	+	+
Pseliodinium	+	-	+
Pyrophacus	+	-	-
Scaphodinium	+	+	-
Scrippsiella	+	+	+
Triadinium	+	+	-
Tripes	+	+	+
COCCOLITHOPHORES			
Anacanthoica	+	+	-
Calcidiscus	+	-	-
Calciosolenia	+	+	+
Chrysochromulina	+	-	-
Coronosphaera	+	-	-
Gephyrocapsa	+	+	+
Helicosphaera	+	-	-
Ophiaster	+	+	+
Rhabdosphaera	+	-	+
Syracosphaera	+	+	+
CYANOBACTERIA			
Anabaena	+	-	-
Lyngbya	+	+	-
Merismopedia	+	+	-
Nostoc	-	+	-
Oscillatoria	+	-	-
OTHER			
Dictyocha	+	+	+
Dinobryon	+	-	+
Eutreptiella	+	-	-
Meringosphaera	+	+	+
Octactis	+	+	+
Parapedinella	-	-	+
Pediastrum	+	-	-
Scenedesmus	+	+	-
CERCOZOA			
Hermesinum ¹	+	+	-

¹ not included in the group “other” or in any further analysis

Figure S1. Sampling sites in the Port of Koper sampling area (PK) and the coastal brackish lagoon (SZNR). The PK sampling area consists of three sites: PBS1, PBS2 and PBS5. PBS2 is encircled and located in the modified Rižana River estuary. *Source: Google Maps*

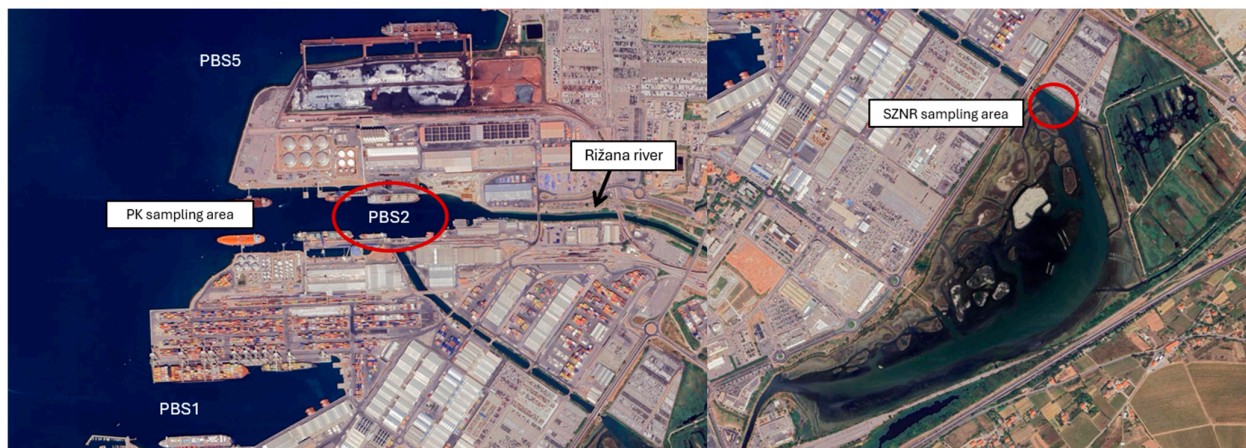


Figure S2: Relative proportions (%) of the number of species of microalgal groups by season in Slovenian transitional waters (PK, SZNR) and coastal sea (000F).

