

Tlumení projevů eutrofizace v nádrži určené pro dodávku technologické vody

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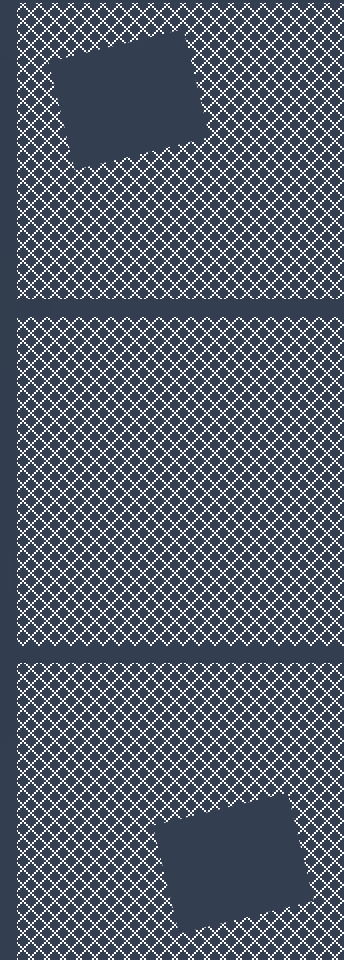
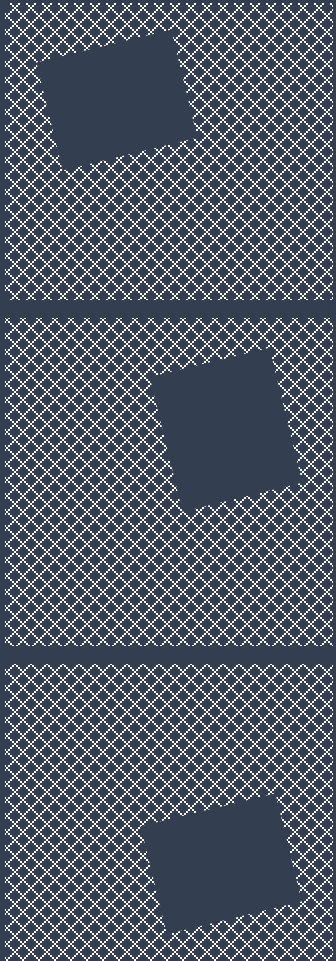
Jan Pokorný

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Výzkum kvantitativní

Případová studie



=

Smluvní výzkum

Obecnický potok



Rezervo - Příbram



Rezervo

560 m

48 m

20 000 m³

Průměrná hloubka

1m

Denní potřeba vody

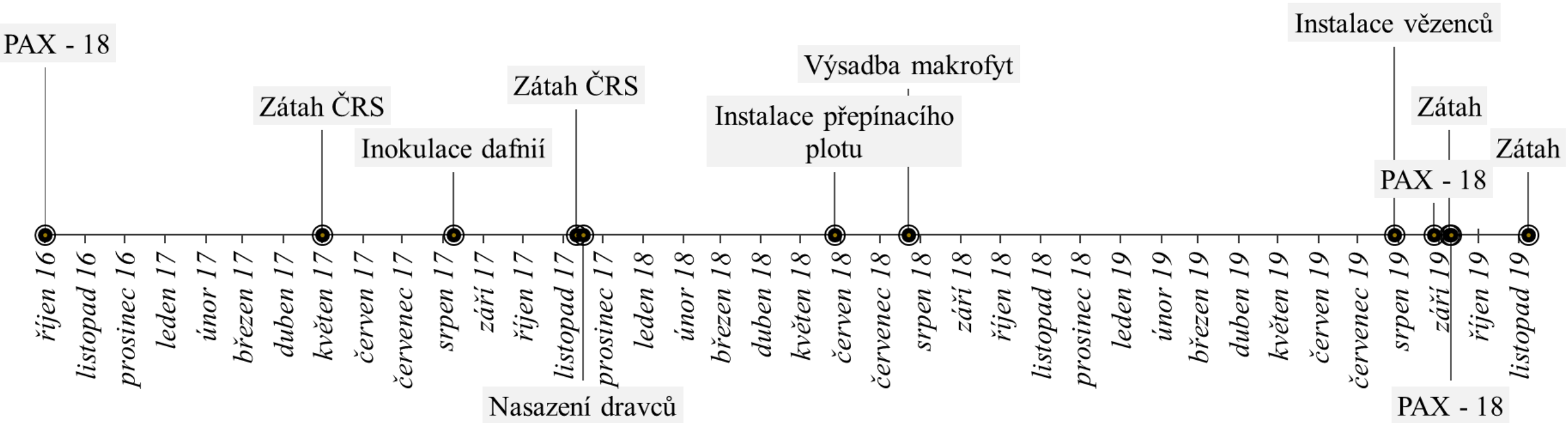
200 m³

Doba zdržení
100 dní

Nevypustitelná

?

Opatření 2016 - 2019



□ Doprovodný monitoring □

Doprovodný monitoring

N

Zooplankton

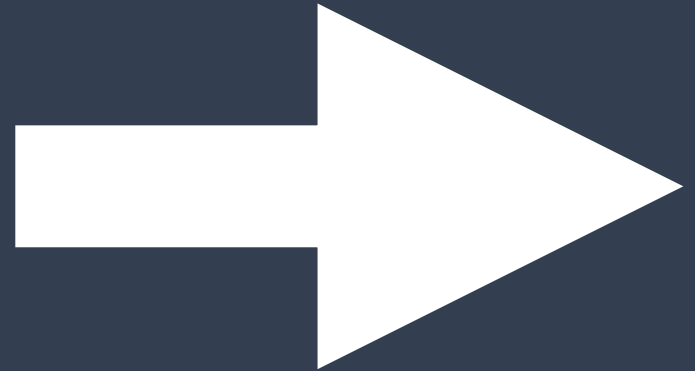
Chla

P

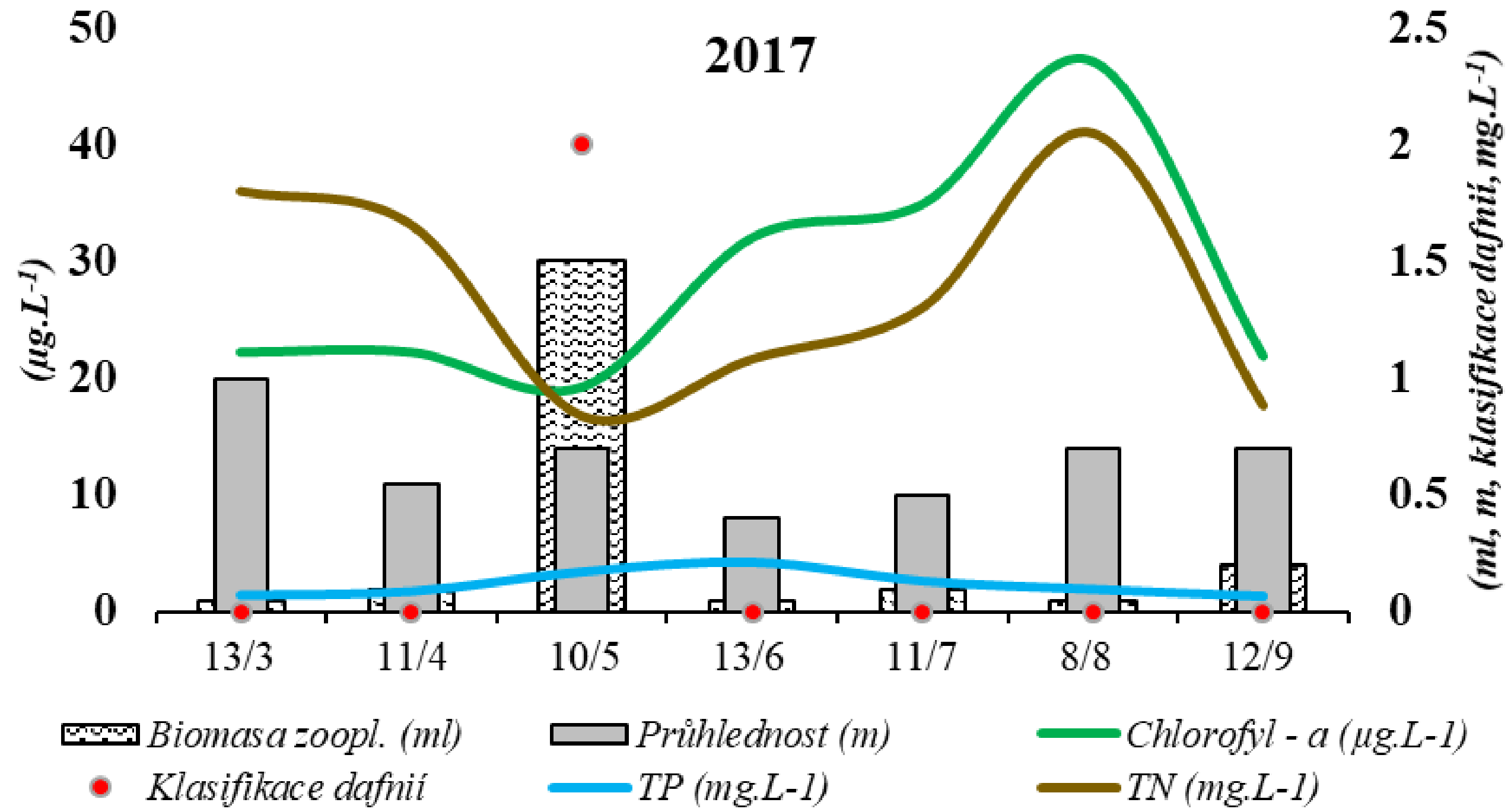
Fytoplankton

pH

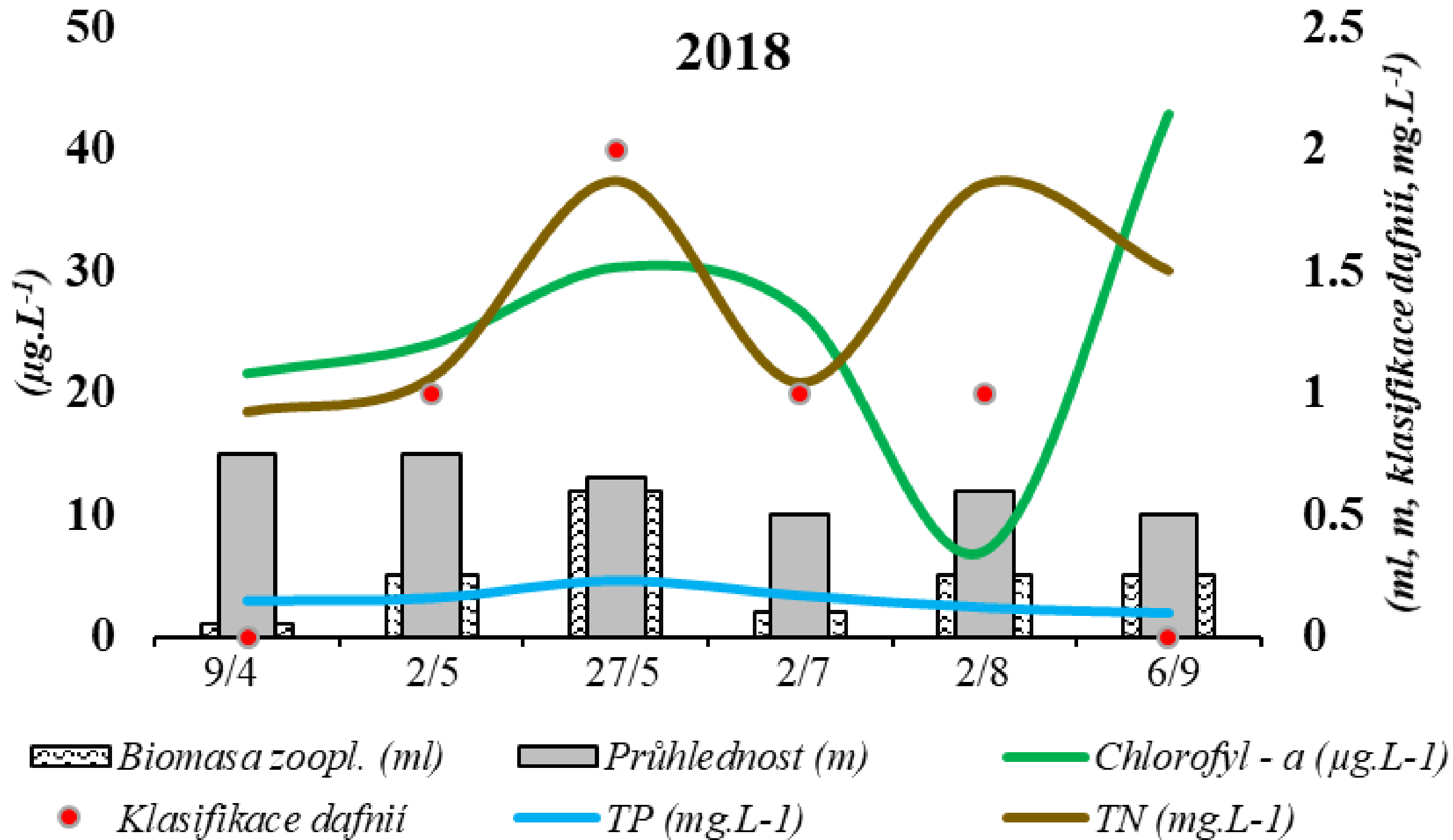
KNK

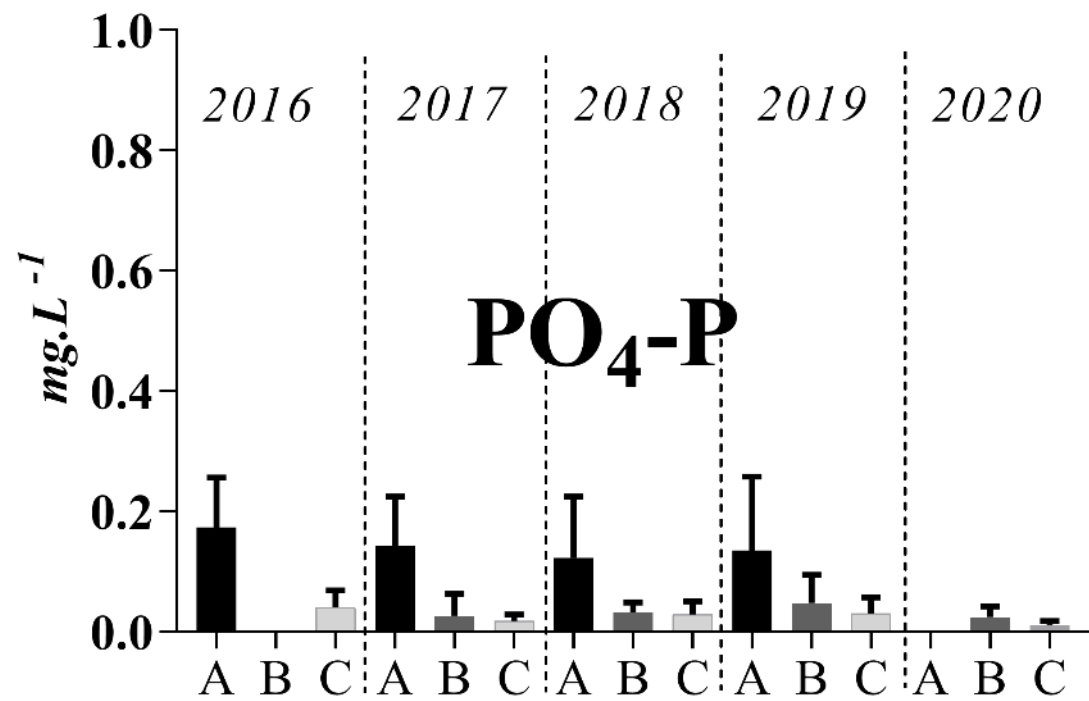
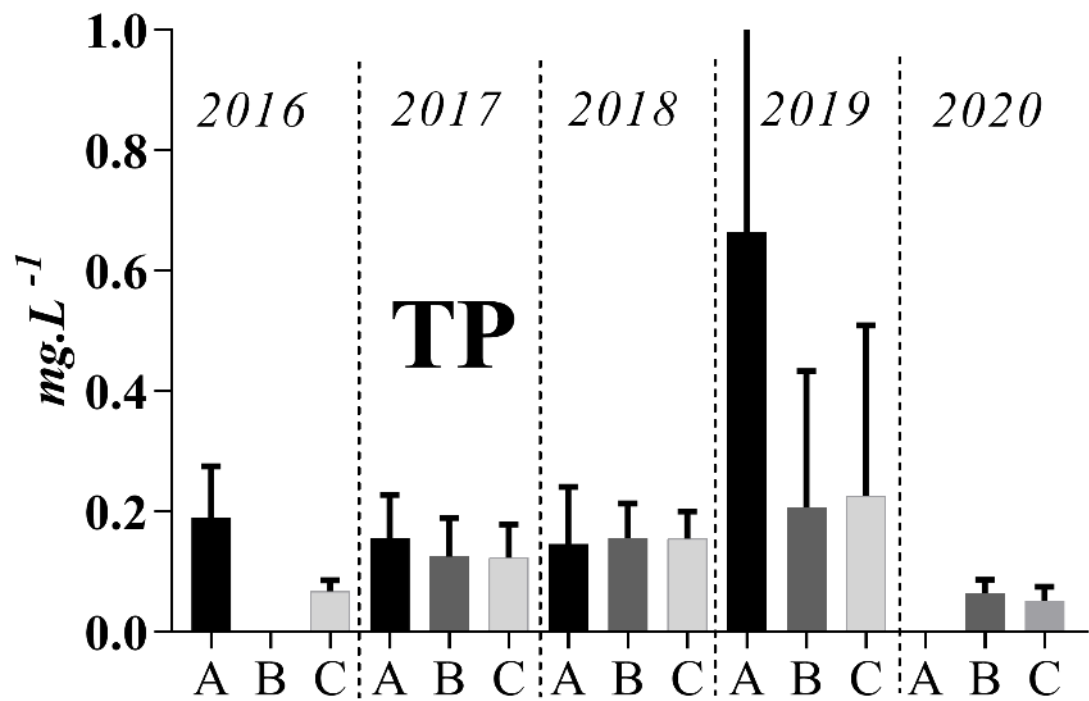
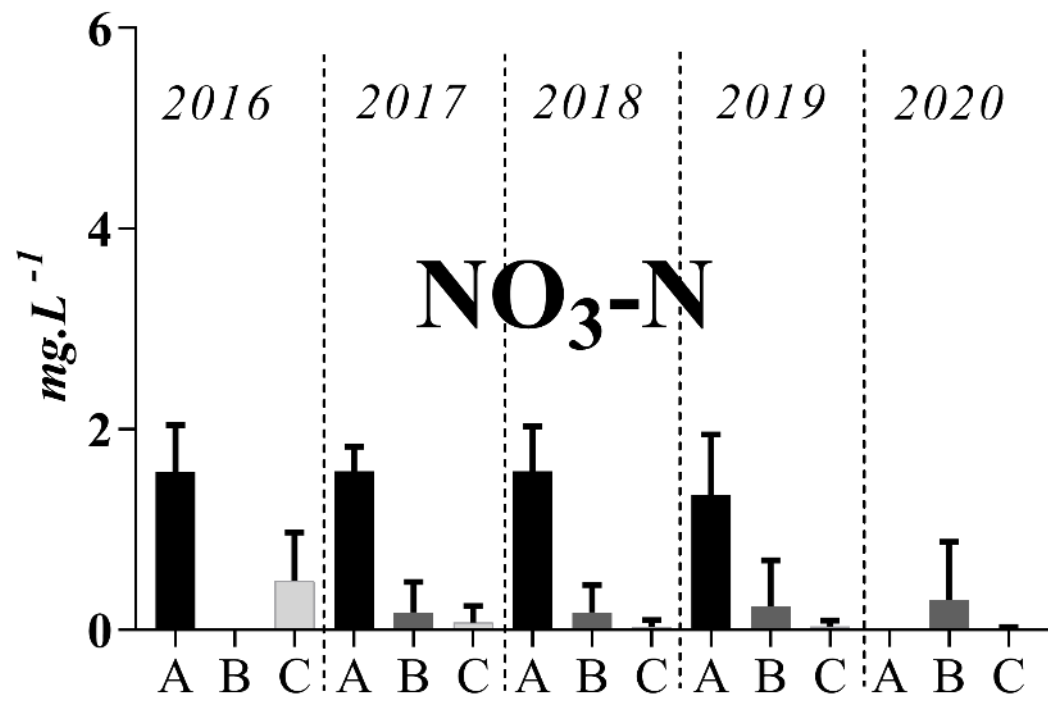
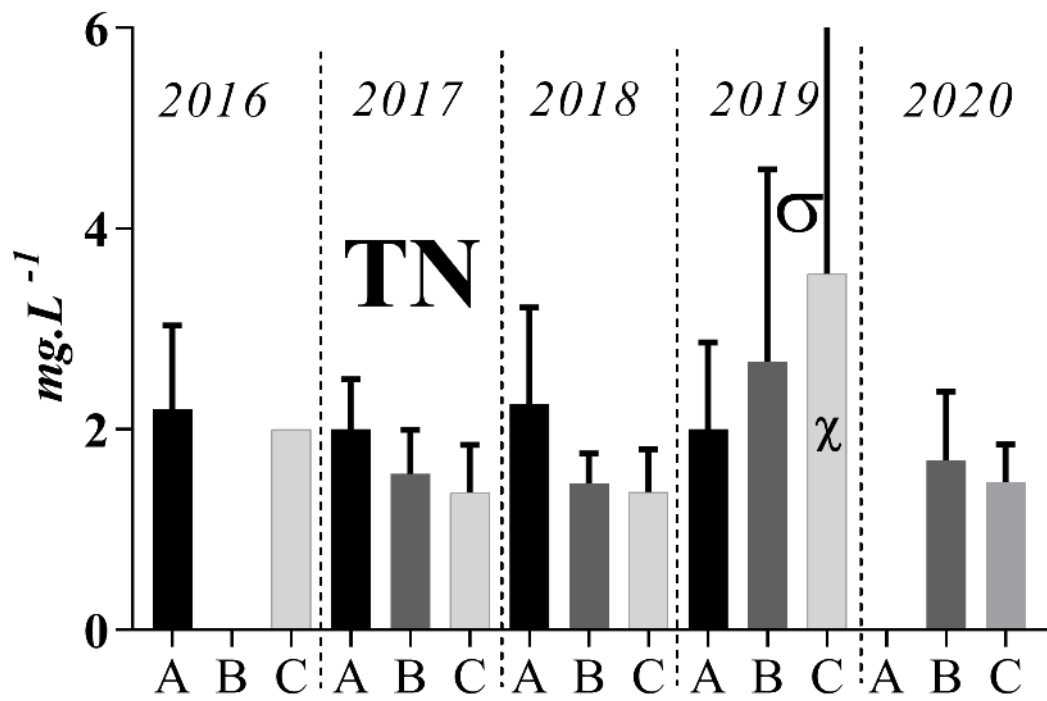


2017



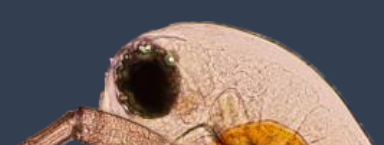
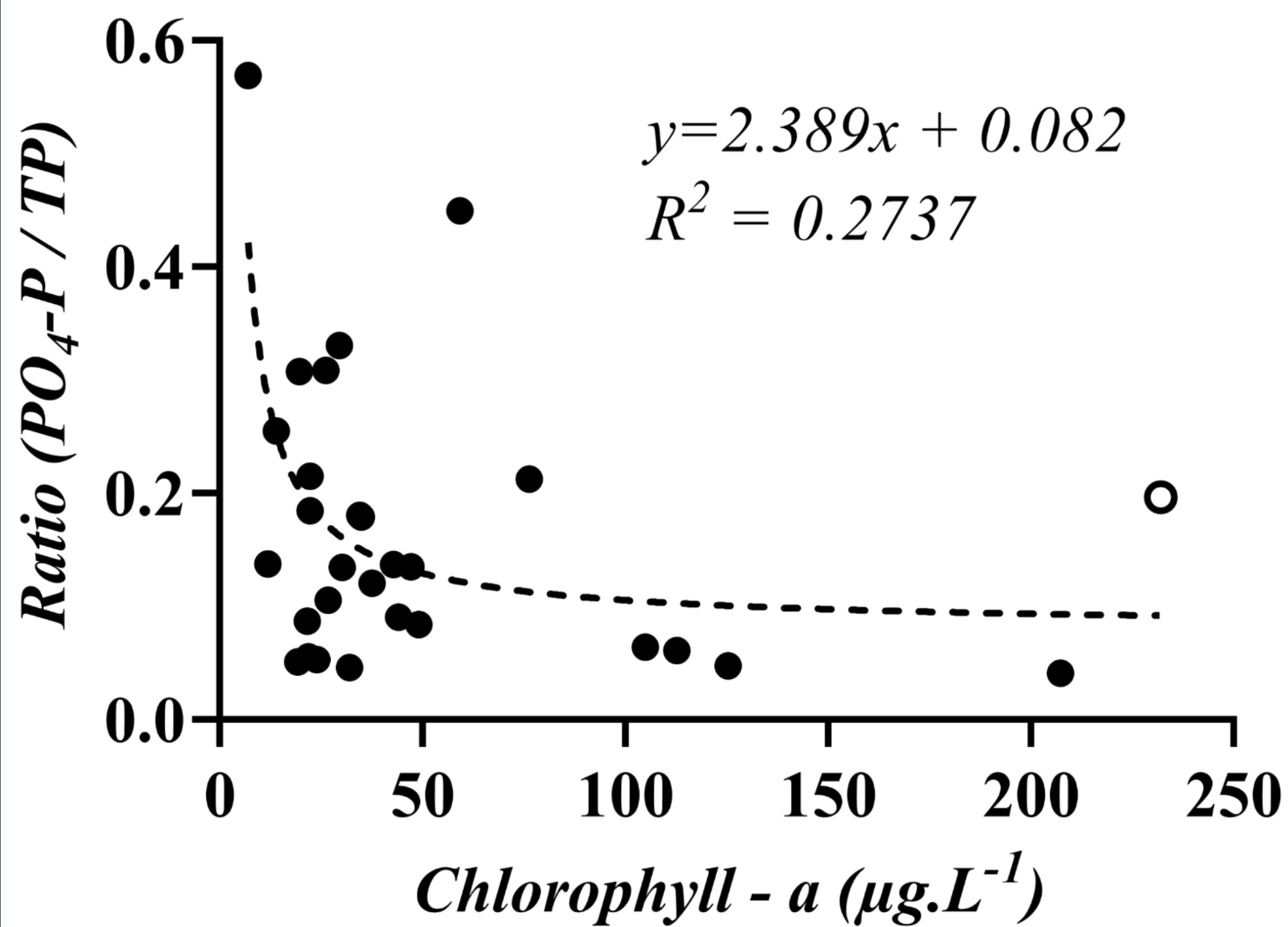
2018





	2017			2018			2019		
	%	ks	kg/ha	%	ks	kg/ha	%	ks	kg/ha
Kapr obecný (<i>Cyprinus carpio</i>)	68.5	58	277	53.7	25	119	58.4	14	70
Tolstolobik bílý (<i>Hypophthalmichthys molitrix</i>)	8.7	3	35	4.5	1	10			
Amur bílý (<i>Ctenopharyngodon idella</i>)	2.1	2	9						
Sumec velký (<i>Silurus glanis</i>)	0.7	1	3	3.6	1	5	4.2	1	5
Štika obecná (<i>Esox Lucius</i>)	0.7	20	3						
Candát obecný (<i>Sander lucioperca</i>)	1.5	30	6						
Okoun říční (<i>Perca fluviatilis</i>)	1.7		7	12.9		29	12.5		15
Ježdík obecný (<i>Gymnocephalus cernuus</i>)	0.0	26	0	0.2		0	0.2		0
Úhoř říční (<i>Anguilla anguilla</i>)	0.2	2	1	0.5	2	1	0.8	2	1
Perlín ostrobřichý (<i>Scardinius erythrophthalmus</i>)	2.9		12	8.6		19	8.3		10
Ouklej obecná (<i>Alburnus alburnus</i>)	2.5		10						
Plotice obecná (<i>Rutilus rutilus</i>)	9.2		37	15.5		34	15.0		18
Cejnek malý (<i>Blicca bjoerkna</i>) + Cejn velký (<i>Abramis brama</i>)	1.2		5	0.5		1	0.5		1
Celkem	100	142	404	100	29	219	100	17	120

Jenže já bych
měl dělat vědu



Ještě fotky

;))

2016

**Výchozí
stav**




A photograph of a pond with a green barrier in the foreground and the year '2018' overlaid on the right side. The pond's water is a murky, brownish-green color, reflecting the surrounding trees and sky. A green plastic barrier runs vertically down the center of the frame, separating the foreground from the rest of the pond. The background shows a dense line of trees and a grassy bank. The year '2018' is printed in large, bold, black font on the right side of the image.

2018



2019



2020













KOVŮNĚ
VODNÍ NADŘÍŽÍ REZERVOV
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ŠÁKALŮ DVYTRNÁ 874, 18771 ŠPÍČ
K. ŽENŠTEJNSKÝ PRAHA

JUNGHEINRICH
DFP-630

JUNGHEINRICH



A photograph of a concrete corner with a drainage channel. The concrete is light-colored and shows signs of wear, including some staining and small holes. A small, dry plant is growing in the corner. Several brown, oval-shaped objects, possibly seeds or small stones, are scattered around the drainage channel. The text "Děkuji Vám" is overlaid on the right side of the image in a large, white, sans-serif font with a slight shadow.

**Děkuji
Vám**

A photograph of a concrete corner with a drainage channel. The concrete is light-colored and shows signs of wear, including some staining and small holes. A small, dried plant is growing in the corner. Several brown, oval-shaped objects, possibly seeds or small stones, are scattered around the drainage channel. The text "Děkuji Vám" is overlaid on the right side of the image in a large, white, sans-serif font with a slight shadow.

**Děkuji
Vám**