Use of SCN features: Yes

Max learning objects: 200 objects/class Strategy N° 6

Actual Values

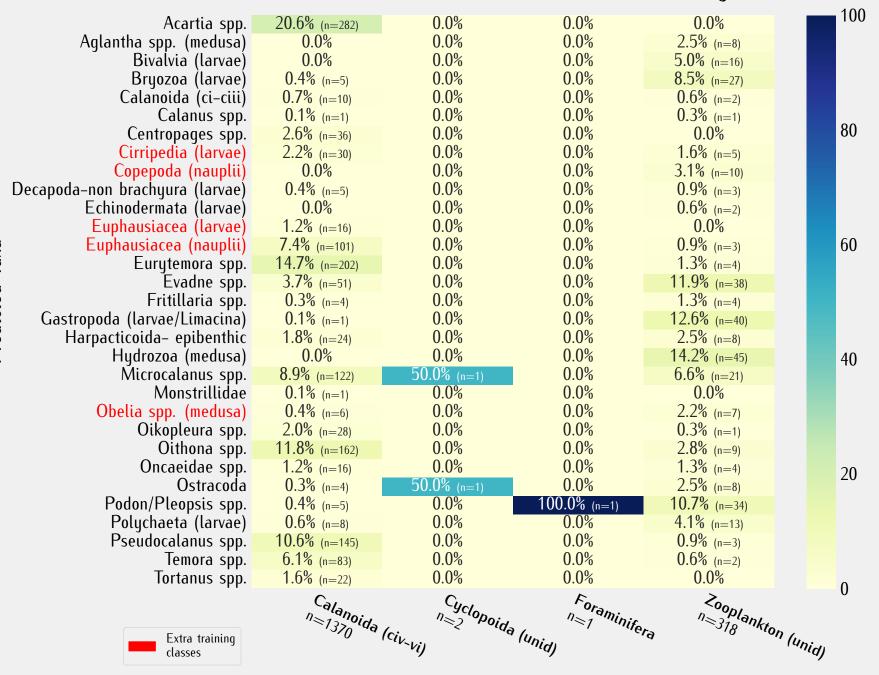
NL 2021 Selected Samples prediction using all regions training set, Learning with all classes present in the selected samples, with extra regional training categories, No Calanoida (civ-vi), Cyclopoida, Zooplankton classes in learning set

m		ation Repo rning objec	rt Matrix cts per clas	S
	precision	recall	f1-score	
Acartia spp. (n=2490-train=200)	0.72	0.39	0.51	
Evadne spp. (n=1931-train=200)	0.92	0.74	0.82	
Temora spp. (n=1416-train=200)	0.70	0.35	0.46	
Pseudocalanus spp. (n=1044-train=200)	0.45	0.43	0.44	
Oithona spp. (n=345-train=200)	0.61	0.72	0.66	
Bryozoa (larvae) (n=248-train=200)	0.79	0.52	0.62	1.0
Podon/Pleopsis spp. (n=230-train=200)	0.11	0.05	0.07	1.0
Calanoida (ci-ciii) (n=130-train=200)	0.00	0.00	0.00	
Oikopleura spp. (n=115-train=200)	0.55	0.33	0.41	
Centropages spp. (n=88-train=200)	0.12	0.72	0.20	
Echinodermata (larvae) (n=50-train=200)	0.39	0.14	0.21	0.8
Gastropoda (larvae/Limacina) (n=47-train=200)	0.50	0.62	0.55	
Hydrozoa (medusa) (n=47-train=200)	0.03	0.15	0.04	
Harpacticoida- epibenthic (n=47-train=200)	0.14	0.34	0.20	
Bivalvia (larvae) (n=44-train=200)	0.86	0.70	0.78	
Fritillaria spp. (n=34-train=200)	0.30	0.41	0.35	0.6
Microcalanus spp. (n=31-train=80)	0.05	0.58	0.10	
Chaetognatha (n=28-train=89)	0.34	0.82	0.48	
Polychaeta (larvae) (n=20-train=200)	0.12	0.25	0.16	
Calanus spp. (n=14-train=200)	0.48	0.93	0.63	0.4
Eurytemora spp. (n=10-train=200)	0.00	0.10	0.00	
Aglantha spp. (medusa) (n=9-train=22)	0.27	0.89	0.41	
Oncaeidae spp. (n=6-train=18)	0.07	0.17	0.10	
Sarsia spp. (medusa) (n=4-train=4)	0.00	0.00	0.00	
Ostracoda (n=2-train=25)	0.00	0.00	0.00	0.2
Tortanus spp. (n=2-train=200)	0.00	0.50	0.01	
Monstrillidae (n=1-train=27)	0.11	1.00	0.20	
Decapoda-non brachyura (larvae) (n=1-train=200)	0.00	0.00	0.00	
Cirripedia (larvae) (n=0-train=200)	-	-	-	
Copepoda (nauplii) (n=0-train=200)	-	-	-	0.0
Obelia spp. (medusa) (n=0-train=200)	-	-	-	
Euphausiacea (larvae) (n=0-train=87)	-	-	-	
Euphausiacea (nauplii) (n=0-train=145)	-	-	-	
macro avg (corr)	0.31	0.42	0.30	
weighted avg	0.67	0.48	0.54	

precision recall f1-score

												Cor	ıfusi	on M	latri	x – Ii	n pe	rcent	of A	ctua	ıl Va	lue										
Acartia spp.	39%	<1%	4%	15%	2%			<1%	<1%	9%				2%		<1%	3%				12%		<1%		6%	<1%		<1%		<1%	3%	3%
Evadne spp.		74%	<1%	<1%	<1%	1%	4%	<1%			<1%	1%	12%	<1%	<1%		2%		<1%		<1%		<1%	<1%	í			3%	<1%	<1%		<1%
Temora spp.	9%	2%	35%	10%	5%	<1%		<1%		8%				<1%			5%		<1%		13%	<1%	<1%	<1%	3%		<1%	<1%		<1%	1%	7%
Pseudocalanus spp.	18%		7%	43%	<1%			<1%		11%				1%			5%		<1%	<1%	10%	<1%			<1%	6	<1%			<1%	1%	1%
Oithona spp.	12%	<1%	<1%	<1%	72%				<1%	2%	<1%			<1%		<1%					3%		<1%		1%	<1%		<1%		<1%	<1%	2%
Bryozoa (larvae)		20%				52%	<1%	<1%			2%	<1%	7%	10%		<1%	1%		<1%				<1%	<1%	í			3%	2%	<1%		
Podon/Pleopsis spp.		10%	7%	1%		<1%	5%		<1%	<1%		<1%		<1%			33%		9%		4%	4%					10%	6%		6%	<1%	2%
Calanoida (ci-ciii)	9%	12%	2%	4%	5%	2%	5%			4%				3%			25%		2%	<1%	5%				2%		2%	8%			<1%	8%
Oikopleura spp.			<1%	<1%	2%				33%		<1%					9%		37%		2%	2%				2%	<1%	8%			<1%	2%	
Centropages spp.	6%		1%	1%						72%										1%					12%		1%				6%	
Echinodermata (larvae)	8%				26%		2%		6%		14%					30%			2%						4%		2%	2%		2%		2%
Gastropoda (larvae/Limacina)						2%						62%	13%		9%				9%			6%										
Hydrozoa (medusa)		2%	2%			4%					2%		15%			6%	2%			4%		13%						6%		43%		
Harpacticoida- epibenthic	6%	2%	4%	17%	4%									34%							15%		2%								9%	6%
Bivalvia (larvae)						2%						7%	9%		70%														11%			
Fritillaria spp.					18%				35%		3%					41%		3%														
Microcalanus spp.		10%		3%			3%										58%		3%		16%				3%							3%
Chaetognatha									14%									82%		4%												
Polychaeta (larvae)					10%		5%					10%	5%				5%		25%		5%				5%		5%	20%				5%
Calanus spp.																				93%					7%							
Eurytemora spp.				40%						20%											10%										30%	
Aglantha spp. (medusa)																						89%					11%					
Oncaeidae spp.				33%										33%							17%		17%									
Sarsia spp. (medusa)																						25%					25%			50%		
Ostracoda						100%																										
Tortanus spp.																				50%					50%							
Monstrillidae																										100%						
poda–non brachyura (larvae)	1		λ								^		1.		A		1			100%	^	1)	1						^
	Car	\$1000, \$PP.	ne Spp.	PSell SPD.	Oithle Oi	Bryo, sp.	Podo, lan	Calandon/Pleopsi	Oida (ch.	Centil City Sp.	Opages So.	Casti Toderman	Opoda (ana	Harpe (Janae/Li	Cicoide Maci	Critille Core	Mich Aria Spl Phic	Chaeto Stands St.	Polych Polych	dan dan	Euryn Erae)	Temora S	Market Sp. 1	Sarsia Spp. (medusa)	Tore (mediso)	Mon Snys Spp.	Strillidae	Cirrip Doda Pol	Copel Copel of the Child	belle (nate)	SPP. (Iplii)	Cuphalisiacea (Medusa)
																		Values	6											(lan		Ext trai

Predictions of discarded taxa from training



Relative Abundance of Top Taxonomic Instances per Sample

