Use of SCN features: No Max learning objects: 5000 objects/class Strategy N° 2

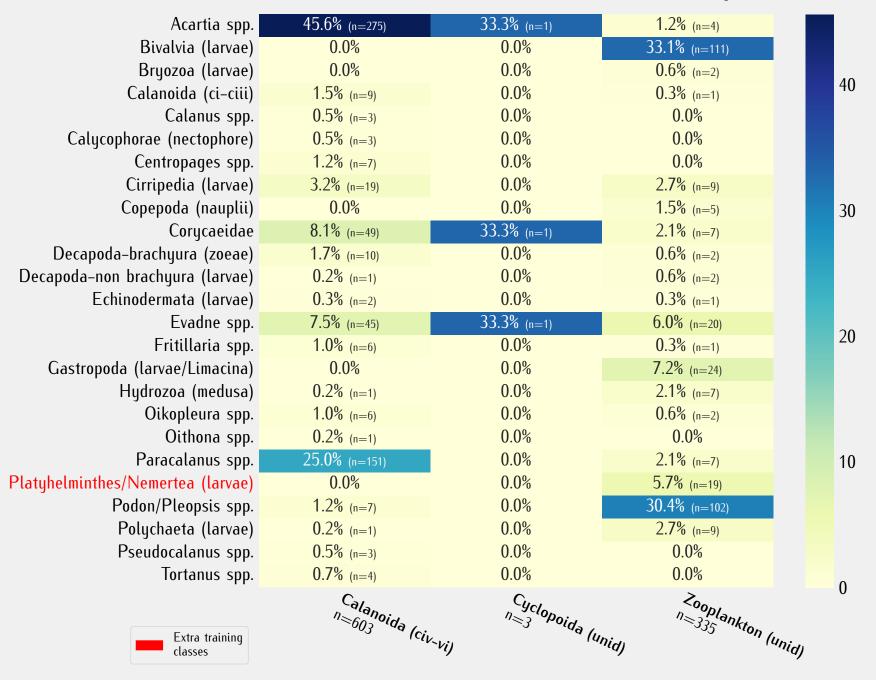
PA Selected Samples prediction using PA training set, Learning with all classes present in the selected samples, with extra training categories, No Calanoida (civ-vi), Cyclopoida, Zooplankton classes in learning set

ma	Classifica x 5000 lea	ation Repo arning obje	
	precision	recall	f1-score
Cirripedia (larvae) (n=3231-train=5000)	0.93	0.77	0.84
Acartia spp. (n=2290-train=4410)	0.89	0.79	0.83
Oikopleura spp. (n=1773-train=4507)	0.84	0.81	0.82
Podon/Pleopsis spp. (n=607-train=3605)	0.36	0.53	0.42
Fritillaria spp. (n=475-train=844)	0.80	0.42	0.55
Evadne spp. (n=358-train=981)	0.53	0.69	0.60
Corycaeidae (n=335-train=1760)	0.56	0.70	0.62
Calanoida (ci-ciii) (n=150-train=313)	0.24	0.13	0.17
Paracalanus spp. (n=141-train=1525)	0.23	0.77	0.36
Gastropoda (larvae/Limacina) (n=126-train=291)	0.70	0.31	0.43
Bivalvia (larvae) (n=96-train=119)	0.74	0.75	0.75
Polychaeta (larvae) (n=65-train=661)	0.24	0.25	0.24
Hydrozoa (medusa) (n=55-train=301)	0.32	0.80	0.46
Centropages spp. (n=50-train=119)	0.23	0.18	0.20
Echinodermata (larvae) (n=42-train=2649)	0.00	0.00	0.00
Calycophorae (nectophore) (n=37-train=966)	0.20	0.78	0.32
Decapoda-brachyura (zoeae) (n=32-train=343)	0.18	0.62	0.28
Ctenophora (larvae) (n=31-train=29)	0.20	0.03	0.06
ecapoda-non brachyura (larvae) (n=26-train=219)	0.42	0.69	0.52
Ostracoda (n=25-train=18)	0.12	0.08	0.10
Tortanus spp. (n=24-train=88)	0.30	0.38	0.33
Ascidiacea (larvae) (n=23-train=54)	0.71	0.52	0.60
Oithona spp. (n=17-train=44)	0.07	0.06	0.06
Pseudocalanus spp. (n=7-train=65)	0.14	0.43	0.21
Calanus spp. (n=6-train=37)	0.17	0.17	0.17
Copepoda (nauplii) (n=4-train=233)	0.03	0.50	0.06
Euphysa spp. (medusa) (n=3-train=3)	0.00	0.00	0.00
Bryozoa (larvae) (n=1-train=50)	0.00	0.00	0.00
Harpacticoida- epibenthic (n=0-train=47)	-	_	-
atyhelminthes/Nemertea (larvae) (n=0-train=145)	-	_	-
macro avg (corr)	0.36	0.43	0.36
	0.70	0.74	0.72

precision recall f1-score

											Conf	usio	n Mâ	ıtrix -	- In	perce	ent o	f Actua	ıl V	alue									
Cirripedia (larvae)	77%	1%	<1%	13%	i <1%	1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%		1%	1%	1%			<1%						<1%		<1%	<1%
Acartia spp.	1%	79%	<1%	<1%	6 <1%	6 <1%	6%	<1%	9%			<1%		<1%	<1%	<1%	<1%				<1%		<1%	<1%					
Oikopleura spp.	2%	2%	81%	2%	2%	2%	<1%	<1%	1%			<1%	<1%	<1%	2%	3%	<1%	<1% <	(1%		<1%	<1%				<1%		<1%	<1%
Podon/Pleopsis spp.	9%	1%	<1%	53%		11%	<1%	3%	10%			3%	3%		<1%	<1%	1%							<1%		3%			<1%
Fritillaria spp.	<1%	5%	45%	Г	42%	2%	<1%		<1%			<1%	<1%		4%							<1%	<1%						<1%
Evadne spp.	6%	1%	<1%	9%		69%	1%		4%		<1%		5%		1%	<1%		<1%								<1%			<1%
Corycaeidae	<1%	13%	2%	1%		<1%	70%	1%	6%			<1%		<1%		<1%	<1%	<	(1%		<1%			<1%					<1%
Calanoida (ci-ciii)	15%	16%	<1%	14%	,	5%	10%	13%	8%			3%			9%											4%		1%	1%
Paracalanus spp.	<1%	9%	<1%	1%		2%	<1%		77%			<1%	<1%				<1%							4%	2%				<1%
Gastropoda (larvae/Limacina)	7%	5%		35%		4%		2%	2%	31%	8%	2%	<1%		<1%											3%			
Bivalvia (larvae)				8%			1%			4%	75%															1%			10%
Polychaeta (larvae)	25%	5%		15%		5%	3%	3%	3%			25%	5%			2%	2%	(ô%							2%		2%	
Hydrozoa (medusa)			2%	2%		4%			4%			2%	80%			5%	2%												
Centropages spp.		22%	4%				2%					2%		18%			20%	1	2%		14%			2%	4%				
Echinodermata (larvae)				17%	5 2%	50%			2%				12%			10%		5%								2%			
Calycophorae (nectophore)												3%	8%			78%	8%		3%										
Decapoda-brachyura (zoeae)	3%	6%							3%				3%	3%		6%	62%	1	2%										
Ctenophora (larvae)	3%			10%		13%						19%	48%			3%		3%											
Decapoda-non brachyura (larvae)		4%											15%				8%	6	9%										4%
Ostracoda						40%					12%	4%								8%									36%
Tortanus spp.	4%	4%												12%		12%	29%				38%								
Ascidiacea (larvae)			48%																			52%							
Oithona spp.		47%	12%		12%		6%							12%				(5%				6%						
Pseudocalanus spp.									14%					14%			14%	1	4%					43%					
Calanus spp.													17%				33%	3	3%						17%				
Copepoda (nauplii)				25%				25%																		50%			
Euphysa spp. (medusa)													33%			67%													
Bryozoa (larvae)																													
	Cirrig	Acap Pedia (le	Oitol Sp. Praej	Paul Paul Paul Paul Paul Paul Paul Paul	on Please	Sillaria Sp.	Ino Sop.	Cala Cala	Para Phoida (ci	Cash, ciii)	Bisal Sp.	Polylone land	hacta (le	Centil Centil	Schill pages ?	Cally Cally Con Can Cally Con Can Cally Con Cally Con Cally Con Cally Con Cally Con Cally Con Can Cally Con Cally Con Cally Con Cally Con Cally Con Cally Con Can Cally Con Cally Con Cally Con Cally Con Cally Con Cally Con Can Cally Con Cally Con Cally Con Cally Con Cally Con Cally Con Can Cally Con Can Cally Con Can Can Can Can Can Can Can Can Can Ca	Decapororae (larvae)	Ctenopho Ooda brachyl (nectophore)	Decape Mailta Au	Ostraco noda non la nael neael	Portally brachyul	Ascial Ascial Spp.	Oithon	Psello Na SPD. Nacy	Calany	Copepa Spp.	Euphys Oda (naup	Bryotod (Me	Harpacticoida (lange)
													(ha)			ed Val		9	,	(de)		(land	y						Ex tra cla

Predictions of discarded taxa from training



Actual discarded Taxa

