Use of SCN features: No

Actual Values

Max learning objects: 200 objects/class Strategy N° 8

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

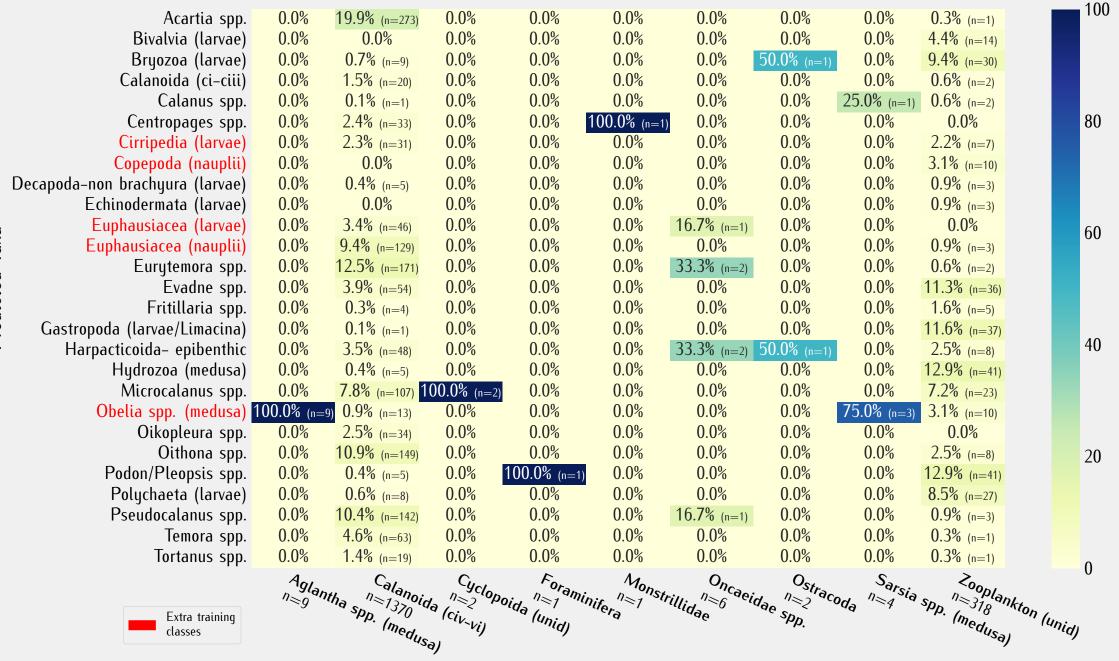
m		ation Repo Irning obje	rt Matrix cts per clas	S
	precision	recall	f1-score	
Acartia spp. (n=2490-train=200)	0.72	0.41	0.52	
Evadne spp. (n=1931-train=200)	0.93	0.76	0.83	
Temora spp. (n=1416-train=200)	0.68	0.31	0.42	
Pseudocalanus spp. (n=1044-train=200)	0.46	0.43	0.44	
Oithona spp. (n=345-train=200)	0.70	0.71	0.70	1.
Bryozoa (larvae) (n=248-train=200)	0.76	0.50	0.60	1.0
Podon/Pleopsis spp. (n=230-train=200)	0.12	0.05	0.07	
Calanoida (ci-ciii) (n=130-train=200)	0.12	0.02	0.04	
Oikopleura spp. (n=115-train=200)	0.51	0.33	0.40	0.0
Centropages spp. (n=88-train=200)	0.13	0.68	0.21	0.
Echinodermata (larvae) (n=50-train=200)	0.40	0.12	0.18	
Gastropoda (larvae/Limacina) (n=47-train=200)	0.40	0.53	0.46	
Harpacticoida- epibenthic (n=47-train=200)	0.14	0.45	0.22	0.
Hydrozoa (medusa) (n=47-train=200)	0.04	0.21	0.07	Ü.
Bivalvia (larvae) (n=44-train=200)	0.82	0.73	0.77	
Fritillaria spp. (n=34-train=200)	0.24	0.47	0.32	
Microcalanus spp. (n=31-train=80)	0.06	0.58	0.10	0.
Chaetognatha (n=28-train=89)	0.39	0.86	0.53	O.
Polychaeta (larvae) (n=20-train=200)	0.05	0.20	0.08	
Calanus spp. (n=14-train=200)	0.52	0.86	0.65	
Eurytemora spp. (n=10-train=200)	0.00	0.10	0.00	0.:
Tortanus spp. (n=2-train=200)	0.01	1.00	0.02	
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.
Obelia spp. (medusa) (n=0-train=200)	-	-	-	
Euphausiacea (larvae) (n=0-train=87)	-	-	-	
Euphausiacea (nauplii) (n=0-train=145)	-	-	-	
macro avg (corr)	0.36	0.45	0.33	
weighted avg	0.67	0.48	0.54	

precision

recall f1-score

										Co	nfusi	on M	atrix	– In	perce	nt of	Actuá	al Val	ue										
Acartia spp.	41%	<1%	4%	14%	1%			<1%	<1%	7%			2%			<1%	3%		<1%		9%	7%		<1%		<1%	4%	4%	
Evadne spp.		76%		<1%	<1%	1%	4%	<1%			<1%	2%	<1%	10%	<1%		1%		<1%		<1%			4%		<1%		<1%	
Temora spp.	10%	2%	31%	10%	3%	<1%	<1%	<1%		9%			1%				4%		<1%		9%	2%	<1%	1%		<1%	1%	16%	
Pseudocalanus spp.	18%		6%	43%	<1%			<1%		9%			1%				4%		<1%	<1%	9%	<1%	1%			<1%	2%	2%	
Oithona spp.	12%	1%	<1%		71%			<1%	1%	<1%	<1%		2%			<1%					3%	3%		<1%			<1%	3%	
Bryozoa (larvae)		19%			<1%	50%	1%				1%		7%	10%		1%	2%		3%					4%	2%	<1%			
Podon/Pleopsis spp.		8%	12%	<1%		2%	5%		<1%	1%		<1%	<1%	<1%			27%		17%		4%		8%	6%		4%		3%	
Calanoida (ci-ciii)	9%	9%	2%	5%	5%	2%	5%	2%		3%			3%			<1%	24%		2%	<1%	2%	<1%	2%	6%				13%	
Oikopleura spp.	<1%			<1%	2%				33%				<1%			8%		33%		<1%	<1%	2%	7%			4%	6%	<1%	
Centropages spp.	6%		1%	2%						68%												12%	5%				6%		
Echinodermata (larvae)	2%				20%		2%		8%		12%					42%			2%			2%	2%	2%		2%		4%	
Gastropoda (larvae/Limacina)							6%					53%		13%	13%				15%										
Harpacticoida- epibenthic	6%	2%	4%	6%	2%			2%					45%	2%							13%						9%	9%	
Hydrozoa (medusa)		2%	2%		2%	2%					2%			21%		4%	2%			4%				6%		51%			
Bivalvia (larvae)						7%						7%		7%	73%										7%				
Fritillaria spp.	3%				9%				38%		3%					47%													
Microcalanus spp.		6%		3%		3%		3%									58%		6%		13%							6%	
Chaetognatha									11%									86%		4%									
Polychaeta (larvae)					5%		5%					10%	10%	5%			10%		20%			5%	5%	20%				5%	
Calanus spp.																				86%		7%	7%						
Eurytemora spp.				40%						40%											10%	10%							
Tortanus spp.																						100%							
capoda–non brachyura (larvae)	A	&	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<i>▶</i>	<i>O</i> .	<i>₽</i>	B		<i>O</i> .		<u> </u>	\mathbf{C}	<i>k</i>	<i>\</i>	<i>⊗</i> .	<u>^</u>	14.	C	Ø	100%		<i>\(\)</i>	0	C		Q,	<u> </u>	<u> </u>	
	¹ Car _{II}		remor	Pseul Spp.	Jocalanus .	Bryos Pp.	Podol lange	Colan Pleopsis	Oitop Oitop Spp.	Centre Spp.	China	Odermata	Harpa (lande)	Tydro Cticoida Vac/Linac	Bival, Octor (ned epibenthicing)	ritille (lange)	Aicro	Chaele Calanus St.	Polych Ognatha Do.	Back (lar	Euryre Spp. Voe)	Cortall Spp.	Decap	Toda non l	Open Card	Obelic Poda (Paul	, Uppe Spp. (ne Uii)	Suphal Color (Colors)	Pusiaced (naupli
															ed Val											nael		trá	xtra aining asses

Predictions of discarded taxa from training



Relative Abundance of Top Taxonomic Instances per Sample

