Use of SCN features: No

Max learning objects: 200 objects/class Strategy N° 7

Actual Values

## NL 2020 Selected Samples prediction using all regions training set, Learning with selected samples classes with no low global training instances, no extra training categories, No Anthoathecata, Calanoida, Copepoda, Zooplankton classes in learning set

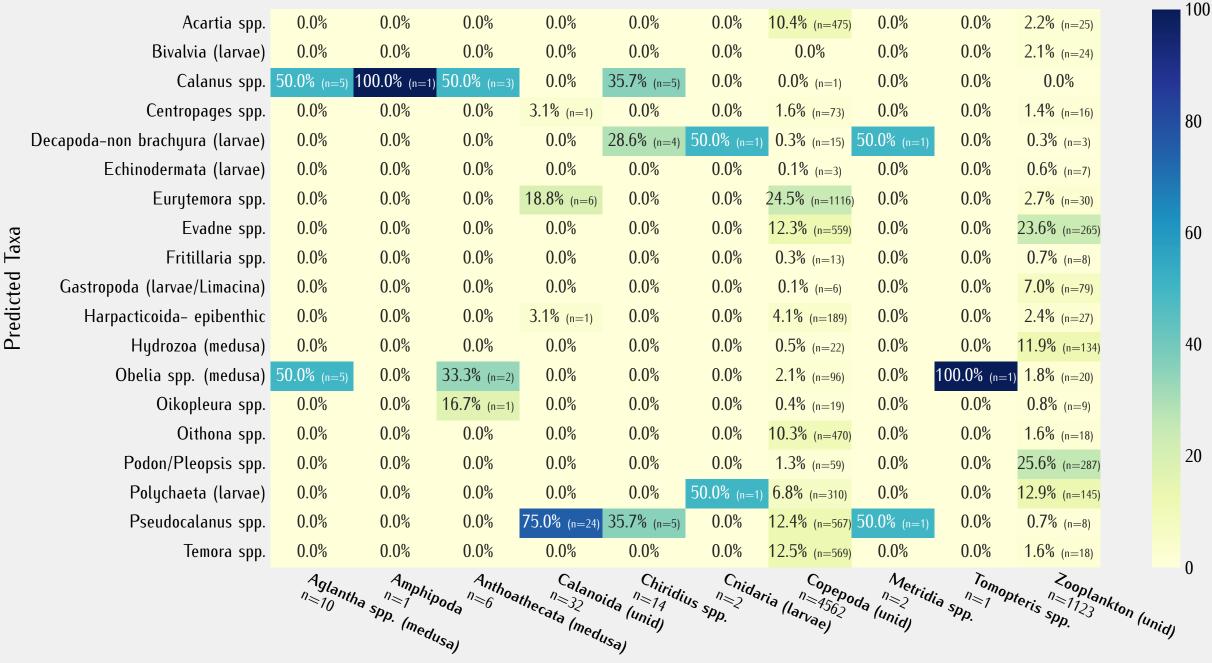
Confusion Matrix - In percent of Actual Value

Classification Report Matrix	
max 200 learning objects per class	

precision recall f1-score

							(	Confusio	n Matri	ix – In p	percent	of Actu	ıal Valu	e							<b>'</b>	nax zuu tea	irning objec	as per class	
																						precision	recall	f1-score	
Temora spp.	44%	7%	2%	18%	4%	<1%	17%	<1%	2%		<1%	<1%	2%			<1%		<1%	<1%	3%	<b>Temora spp.</b> (n=18103-train=200)	0.70	0.44	0.54	
Acartia spp.		34%	<1%	16%	7%	<1%	13%		2%		<1%	<1%	3%			<1%		<1%	1%	<1%	<b>Acartia spp.</b> (n=13302-train=200)	0.74	0.34	0.46	
Evadne spp.		<1%	77%	<1%		6%	2%	<1%	1%		<1%	5%	2%				<1%	<1%		3%	<b>Evadne spp.</b> (n=5228-train=200)	0.89	0.77	0.82	
Pseudocalanus spp.  Centropages spp.		2%	<1%	2%	86%	<1%	14%		<1%			<1%	2% <1%	<1%				2% 6%	<1%	<1%	Pseudocalanus spp. (n=3053-train=200)	0.19	0.43	0.27	1.0
Podon/Pleopsis spp.		270	6%	4%	00/0	<1%	11%					<1%	<1%					11%	4%	41%	Centropages spp. (n=330-train=200)	0.13	0.86	0.23	
Eurytemora spp.		9%	2%	2%			72%		8%				2%							2%	Podon/Pleopsis spp. (n=253-train=200)	0.00	0.00	0.00	
Gastropoda (larvae/Limacina)			3%			27%		44%		6%		9%								12%	Eurytemora spp. (n=178-train=200)	0.02	0.72	0.04	0.8
Oithona spp.		6%	1%				1%		84%		1%		3%			2%	1%			1%	Gastropoda (larvae/Limacina) (n=112-train=200)	0.52	0.44	0.48	
Bivalvia (larvae)								11%		84%		5%									Oithona spp. (n=98-train=200)	0.10	0.84	0.18	
Oikopleura spp.					1%						29%			1%	47%	6%		14%	1%		Bivalvia (larvae)	0.02	0.84	0.88	0.6
Hydrozoa (medusa)	2%		2%		2%							20%		5%		2%		5%	53%	11%	(n=92-train=200) Oikopleura spp.	0.24	0.29	0.26	0.0
Harpacticoida- epibenthic	4%	2%		18%	4%		22%						48%							2%	(n=70-train=200)				
Calanus spp.					8%									76%				16%			Hydrozoa (medusa) (n=64-train=200)		0.20	0.07	
Chaetognatha				7%											93%						Harpacticoida- epibenthic (n=50-train=200)	0.02	0.48	0.05	0.4
Fritillaria spp.		14%				200			14%		29%		200			29%	14%				Calanus spp. (n=25-train=200)	0.68	0.76	0.72	
Echinodermata (larvae)  Decapoda–non brachyura (larvae)						20%			20%				20%	50%		40%		50%			Chaetognatha (n=15-train=89)	0.30	0.93	0.45	
Obelia spp. (medusa)														30%				30%	100%		Fritillaria spp. (n=7-train=200)	0.02	0.29	0.04	0.2
Polychaeta (larvae)				100%																	Echinodermata (larvae) (n=5-train=200)	0.00	0.00	0.00	
	Penora,	Acarria Sp.	Spp.	PSelldo	Centro	Podon	Curyte	Castron	Oithon	Birolvia	Oikopla	Hydrox	Harpac	Calanus Ticoida	Chaetog Spp.	Pritillar	Chinon	Decapo	Obelia	Polycho	Decapoda-non brachyura (larvae) (n=2-train=200)	0.01	0.50	0.02	
					Centrop Calanus Spp.	Podon, Podon, Spp.	Pleopsis Spp.	Tora Spp.	Oithona Oda (larvae/L)	Bi <sub>lalvia</sub> Spp.	Oitoples (lande)		Parpace (medusa)	ticoida epiber	<i>SDD</i> . "	natha "	\$ 500.	Decapool	non brach,	Polycho (nedusa)	Decapoda-non brachyura (larvae) (n=2-train=200)  Obelia spp. (medusa) (n=1-train=200)	0.00	1.00	0.01	0.0
									`	nacinal					Thi <sub>c</sub>			Decapolic Parace	) H	Ira (lange)	Polychaeta (larvae) (n=1-train=200)	0.00	0.00	0.00	
										Predicted	d Values	<b>)</b>									macro avg	0.28	0.51	0.28	
																					weighted avg	0.68	0.45	0.52	

## Predictions of discarded taxa from training Acartia spp. 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 10.4% (n=475) 0.0%



Relative Abundance of Top Taxonomic Instances per Sample

