Use of SCN features: No

Actual Values

Max learning objects: 5000 objects/class Strategy N° 7

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

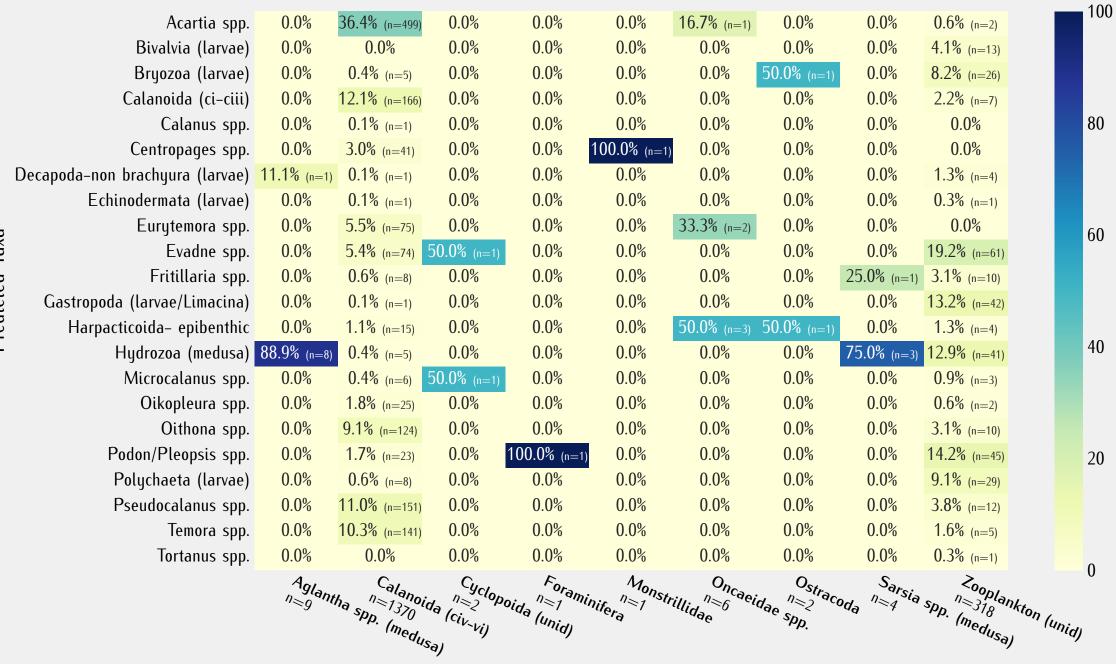
Confusion Matrix – In percent of Actual Value

Classification Report Matrix max 5000 learning objects per class

precision recall f1-score

								C	Confusi	on Ma	trix – l	In per	cent of	f Actu	al Valı	ue								ma	ax 5000 lea	arning obje	cts per cla
																									precision	recall	f1-score
Acartia spp.		<1%	8%	10%	2%		<1%						<1%			<1%	<1%		<1%		3%	<1%		Acartia spp. (n=2490-train=5000)	0.77	0.66	0.71
Evadne spp.			<1%			<1%			<1%		<1%	2%							<1%					Evadne spp. (n=1931-train=5000)	0.92	0.87	0.90
Temora spp.		2%	54%	9%	2%	<1%	<1%			8%				<1%					<1%	40	4%	<1%		Temora spp. (n=1416-train=5000)	0.66	0.54	0.59
Pseudocalanus spp.  Oithona spp.		~10 <sub>/</sub>	9% <1%	54%	77%			3% 2%	<1%	8%	<1%		<1%			4%				<1%	5%	<1%	<1%	Pseudocalanus spp. (n=1044-train=4845)		0.54	0.56
Bryozoa (larvae)			<1%		<1%	66%	2%	2%	<1%	270	2%		<1%	8%		<1%			<1%		< 1/0	< 1/0		Oithona spp. (n=345-train=5000)	0.75	0.77	0.76
Podon/Pleopsis spp.				2%		2%	29%	3%	<1%	<1%	_ •			<1%					13%		3%		6%	Bryozoa (larvae) (n=248-train=1142)		0.66	0.75
Calanoida (ci-ciii)		12%			5%		12%	25%		4%						<1%	5%		2%	2%	2%		<1%	Podon/Pleopsis spp.	0.37	0.29	0.33
Oikopleura spp.	<1%		3%	2%	<1%				77%	<1%	<1%					7%		2%					6%	(n=230-train=5000)  Calanoida (ci-ciii)			
Centropages spp.	9%		2%	1%						80%												6%	2%	(n=130-train=5000)  Oikopleura spp.	0.12	0.25	0.16
Echinodermata (larvae)	2%				16%		2%	2%	6%		18%			4%		46%			2%				2%	(n=115-train=5000)	0.7 1	0.77	0.75
ropoda (larvae/Limacina)		2%					4%					66%		4%	13%				11%					Centropages spp. (n=88-train=3620)	0.16	0.80	0.26
arpacticoida- epibenthic	13%	2%	6%	9%	2%			4%					51%								13%			Echinodermata (larvae) (n=50-train=3043)		0.18	0.26
Hydrozoa (medusa)						9%	6%				2%			53%		17%			4%	2%			6%	Gastropoda (larvae/Limacina) (n=47-train=3272)	0.39	0.66	0.49
Bivalvia (larvae)						5%	5%					7%		5%	73%				7%					Harpacticoida- epibenthic (n=47-train=555)	0.45	0.51	0.48
Fritillaria spp.	3%				6%				32%							59%								Hydrozoa (medusa) (n=47-train=4052)	0.17	0.53	0.26
Microcalanus spp.		6%	13%	10%			13%	23%	0.70				3%				19%	000	6%		6%		40	Bivalvia (larvae) (n=44-train=3764)	0.80	0.73	0.76
Chaetognatha		10%	5%	5%			5%		25%			5%	5%					68%	55%				4% 5%	Fritillaria spp. (n=34-train=5000)	0.22	0.59	0.31
Polychaeta (larvae) Calanus spp.		10%	J/0	7%			3%			7%		J⁄0	3/0						JJ/0	71%			14%	Microcalanus spp.	0.42	0.19	0.27
Eurytemora spp.			10%	30%						20%										710	10%		1 1 0	(n=31-train=80)  Chaetognatha (n=28-train=89)		0.68	0.78
Tortanus spp.										50%												50%		(n=28-train=89)  Polychaeta (larvae)			
a–non brachyura (larvae)																				100%				(n=20-train=1577)	0.17	0.55	0.26
	Acartic	· Evadn	Temoral Spp.	PS CHO	Oitho	Bryozo	Podon	Calani	Oikop)	Centro	Chino	Castro	Harpa	Mydro	Birali	Pritille .	Micro	Chael	Polyco Polyco	Calani	Curyte	Portan	Decap.	Calanus spp. (n=14-train=359)	0.02	0.71	0.67
	Ç	Sop	<i>Spp. 3</i>	<i>Spp.</i> (	Oithon Oithon	3/1/2.	Podon, lange,	Caland Pleopsis &	Oikople Cicilii)	Centrol Centrol	Chinol Spp.	lermata (la	Marpac Marae	licoida e	Bivalle (meduso)	Pritilla, lange,	Microsop.	Chaele Ch	Thatha	haeta (lanae	Spp.	Portanti Sp.	S SOD	Eurytemora spp. (n=10-train=1818)  Tortanus spp. (n=2-train=203)  Decapoda-non brachyura (larvae)	0.00	0.10	0.01
					.,	N,		λ,	<i>D</i> i,			ν,	Vacy 16	Linacina	benthic					·				Tortanus spp.  (n=2-train=203)	0.08	0.50	0.13
														<i>)</i>										Decapoda-non brachyura (larvae) (n=1-train=423)	0.00	0.00	0.00
											Predi	cted V	alues											macro avg	0.46	0.53	0.45
																								weighted avg	0.73	0.66	0.68

## Predictions of discarded taxa from training



Relative Abundance of Top Taxonomic Instances per Sample

