Use of SCN features: No

Max learning objects: 20000 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

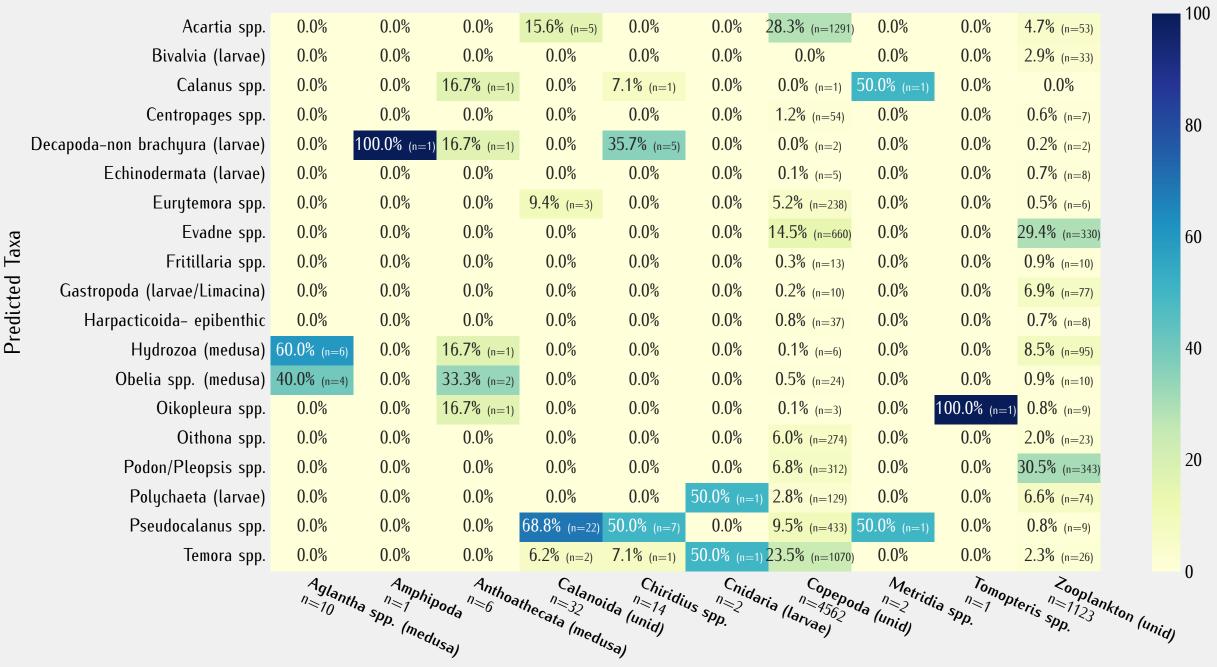
Confusion Matrix - In percent of Actual Value

Classification	Report Matrix
max 20000 learnin	g objects per class

precision recall f1-score

	Confusion Matrix - in percent of Actual Value															precision		f1-score							
Temora spp.	59%	17%	3%	13%	1%	1%	3%	<1%	<1%			<1%	<1%			<1%		<1%	<1%	<1%	Temora spp. (n=18103-train=7347)		0.59	0.65	
Acartia spp.	22%	64%	2%	6%	2%	<1%	1%		1%		<1%		<1%			<1%			<1%	<1%	Acartia spp. (n=13302-train=20000)	0.69	0.64	0.66	
Evadne spp.		<1%	87%	<1%		7%	<1%	1%	<1%	<1%		2%	<1%				<1%		<1%	<1%	Evadne spp. (n=5228-train=11064)	0.84	0.87	0.86	
Pseudocalanus spp.		21%	<1%		4%	<1%	3%		<1%				<1%	<1%		<1%		<1%	<1%	<1%	Pseudocalanus spp. (n=3053-train=4845)	0.28	0.41	0.33	1.0
Centropages spp. Podon/Pleopsis spp.		2%	6%	2% 4%	83%	25%	~1%	<1%										<1% 7%	1%	25%	Centropages spp. (n=330-train=3620)	0.20	0.83	0.42	
Eurytemora spp.		26%	5%		<1%		52%	< 1/0	2%									1/0	1/0	20%	Podon/Pleopsis spp. (n=253-train=7347)		0.25	0.13	
Gastropoda (larvae/Limacina)			<1%			26%		59%		7%		3%								4%	Eurytemora spp. (n=178-train=1818)		0.52	0.17	0.8
Oithona spp.		7%	1%						87%				1%			3%				1%	Gastropoda (larvae/Limacina)	0.40	0.59	0.53	0.0
Bivalvia (larvae)								4%		92%		3%									(n=112-train=3272) Oithona spp.	0.10	0.87	0.32	
Oikopleura spp.					1%						81%			1%	4%	4%		7%			(n=98-train=5881) Bivalvia (larvae)	0.19			
Hydrozoa (medusa)	5%		6%			2%						36%		2%		2%			42%	6%	(n=92-train=3764)	0.30	0.92	0.91	0.6
Harpacticoida- epibenthic	4%	36%		22%	2%		4%						32%								Oikopleura spp. (n=70-train=5305)	0.79	0.81	0.80	
Calanus spp.				12%										84%				4%			Hydrozoa (medusa) (n=64-train=4052)	0.17	0.36	0.23	
Chaetognatha				7%							7%				87%						Harpacticoida- epibenthic (n=50-train=555)	0.15	0.32	0.20	0.4
Fritillaria spp.											14%					71%	14%				Calanus spp. (n=25-train=359)	0.84	0.84	0.84	
Echinodermata (larvae)						20%					20%					20%	40%				Chaetognatha (n=15-train=89)	0.81	0.87	0.84	
Decapoda-non brachyura (larvae)														50%				50%	1000		Fritillaria spp. (n=7-train=6992)	0.07	0.71	0.13	0.2
Obelia spp. (medusa) Polychaeta (larvae)				100%															100%		Echinodermata (larvae) (n=5-train=3043)	0.12	0.40	0.18	
1 orgenaera (raivae)	Temor	Acarri	· Crade		. Centr	Podo	Cury	Castr	Oitho	Birali	Oikon	Hydro	Harps	Calan	Chalex	Printy.	, Echip	O _e Co	Obeli.	Poly		0.02	0.50	0.06	
	Temora S	Acartia Spp. Spp.	Spp.	Spp. You	Centropo Centropo	Podon/K	Pleopsis Spp.	Anora Spp.	Oithona Doda (lanae/lin	Sp.	Oikopleil.	170 SPD.	Harpactic (medusa)	Calanus Sicoida epibeni	Chaetogna	Pritillaria	Spp. Jode	Decapode (larvae)	Obelia Sp. Ton brachyu,	Spp. (medusa)	Decapoda-non brachyura (larvae) (n=2-train=423) Obelia spp. (medusa) (n=1-train=1003)	0.01	1.00	0.02	0.0
					~:		22		"Lig	nacinal			y	ORN.	Mic			, de	y Chyu	Tra (larvage)	Polychaeta (larvae) (n=1-train=1003) (n=1-train=1577)		0.00	0.00	
											ed Values	S								9	(n=1-train=15//) macro avg		0.62	0.41	
																					weighted avg	0.68	0.63	0.65	

Predictions of discarded taxa from training



Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample Val Pred 1.0 -0.8 -Relative Abundance 0.4 0.2 -0.0 S21 S25 S22 S23 S24 S26 S27 S28 S29 S30 Sample Short ID

