Use of SCN features: Yes

Max learning objects: 20000 objects/class Strategy N° 7

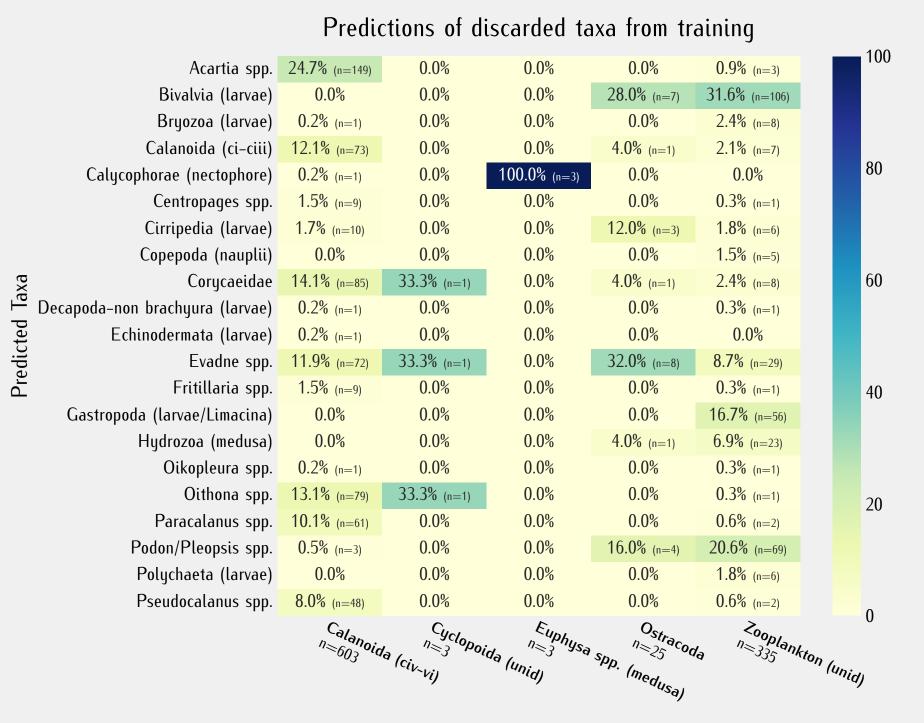
Actual Values

PA 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

Classification Report Matrix	
max 20000 learning objects per class	S

precision recall f1-score

	Confusion Matrix – In percent of Actual Value														max 20000 learning objects per class														
																										precision	recall	f1-score	
Cirripedia (larvae)					<1%				<1%	1%	<1		% <1%						40			<1%	•	<1% <1%	(n=3231-train=768	0.94	0.71	0.81	
Acartia spp.									6%	40			% <1%			<1%			<1%	4.0	17%			40 40	Acartia sp (n=2290-train=2000	0.88	0.58	0.70	
Oikopleura spp.								% 1%					% <1%			.40.		.40	<1%	<1%	<1%			1% <1%	Oikopleura sp (n=1773-train=530	0.91	0.66	0.76	
Podon/Pleopsis spp.								1%			<1		% <1%		<1%	<1%		<1%		.40.		<1%		<1%	Podon/Pleopsis sp (n=607-train=734		0.44	0.39	
Fritillaria spp.		2%	20%					% <1%			04	2%		2%	.40.					<1%	8%			<1% <1%	Fritillaria sp	. 0.44	0.62	0.51	10
Evadne spp. Corycaeidae		10%	<1%							2% <1	% <1	% 6%	2%		<1%			<1%			<1% 2%	4%		<1% <1%					1.0
Corycaetuae Calanoida (ci-ciii)											1%	ζ	2/0	4%	< 1/0			< 1/0			13%	7/0		2%	(n=358-train=1106 Corycaeida	0.29	0.73	0.41	
Paracalanus spp.					<1%				50%					170							15/0	31%		270	(n=335-train=176	0.12	0.61	0.50	
Gastropoda (larvae/Limacina)				17%		13%		2%	30.0	53% 5%	6 <1	%					<1%				4%	3110		<1%	Calanoida (ci-cii (n=150-train=555	0.14	0.15	0.14	
Bivalvia (larvae)				5%		1%				5% 80		5%					\.\ \							2%	Paracalanus sp (n=141-train=161	0.26	0.50	0.34	0.8
Polychaeta (larvae)		8%		14%		15%				3%	26				2%			5%				5%		2%	Gastropoda (larvae/Limacina (n=126-train=327)		0.53	0.50	
Hydrozoa (medusa)		2%				7%			2%		9%	699	6		9%							2%			Bivalvia (larva (n=96-train=376	0.92	0.80	0.86	
Centropages spp.		22%			4%								38%					4%	8%			18%	6%		Polychaeta (larvao (n=65-train=157)	0.30	0.26	0.28	
Echinodermata (larvae)					2%	5%					5%	839	6		2%			2%							Hydrozoa (medusa) 0.24	0.69	0.36	0.6
Calycophorae (nectophore)								3%			3%	3%	5%		76%			8%				3%			(n=55-train=405) Centropages sp	.)			
Decapoda-brachyura (zoeae)		9%				3%		3%					9%		6%	59%		6%				3%			Centropages sp (n=50-train=362) Echinodermata (larvae	\	0.38	0.33	
Ctenophora (larvae)	3%			10%		19%	i			3%	19	% 35	ó		3%		3%							3%	(n=42-train=304)	0.00	0.00	0.00	
Decapoda-non brachyura (larvae)				4%		4%	4%				4%	5	4%			8%		65%					8%		Calycophorae (nectophoro (n=37-train=96	0.26	0.76	0.39	0.4
Tortanus spp.	8%	4%											38%		17%	4%		8%	17%		4%				Decapoda-brachyura (zoea (n=32-train=62	0.38	0.59	0.46	
Ascidiacea (larvae)			26%		17%															57%					Ctenophora (larva (n=31-train=4)	0.50	0.03	0.06	
Oithona spp.		41%	6%		18%								6%								29%				Decapoda-non brachyura (larva (n=26-train=42)	0.50	0.65	0.57	
Pseudocalanus spp.													4.70					220				100%	470		Tortanus sp (n=24-train=20	•	0.17	0.24	
Calanus spp.				250.									17%					33%				33%	17%	750	Ascidiacea (larva	0.76	0.57	0.65	0.2
Copepoda (nauplii)				25%																				75%	(n=23-train=86 Oithona sp)			
Bryozoa (larvae)		A.	O _i ,	S _O	Ŝ.	\$\langle \langle \lang	G.	G,	A CO	C 6); ^	· /	() () () () () () () () () ()	Ć.	C ₂	0	C _z	0	To.	Zc.	Q;	<i>₽</i> 2.	C.	G. &.	(n=17-train=588) 0.01	0.29	0.02	
		Acario Cario	Oikopi Spp.	Peura dos	n Aleon Cill	Jaria Spp.	Odne Spp.	tycaeidae	Parace Parace	Castropoda (alvia (lan	y _{Chaela}	drozog (medi	Topologes Sp.	Poderna .	ophora Cape	Oda b.	Decaporation (land	Odd no		Oithon Oithon	Psellar	Colonus Sp.	Copepoda (nau)	Pseudocalanus sp (n=7-train=484) Calanus sp (n=6-train=35)	0.03	1.00	0.10	
		dry	9	NO.	Pleopsis	₂ 66 266	•		City	Castropoda (lando/lin	Pej (driver real	(1/20) 50%	i 18	Decape Ophorae (ne	Cloph	War (land	De On bi	id Chy,	Oithon (lande)		NS SOD	194	Calanus sp (n=6-train=35)	0.17	0.17	0.17	0.0
											77.	cinal				9	'Ora)	TORDE	יי	Tra (ana,				Copepoda (naupli (n=4-train=1155)	0.06	0.75	0.12	
														1100							ツ				Bryozoa (larva (n=1-train=114)	0.00	0.00	0.00	
												rreal(ted Val	ues											macro av	0.38	0.49	0.37	
																									weighted av	0.77	0.62	0.67	



Actual discarded Taxa

