Use of SCN features: Yes

Max learning objects: 200 objects/class Strategy N° 6

Actual Values

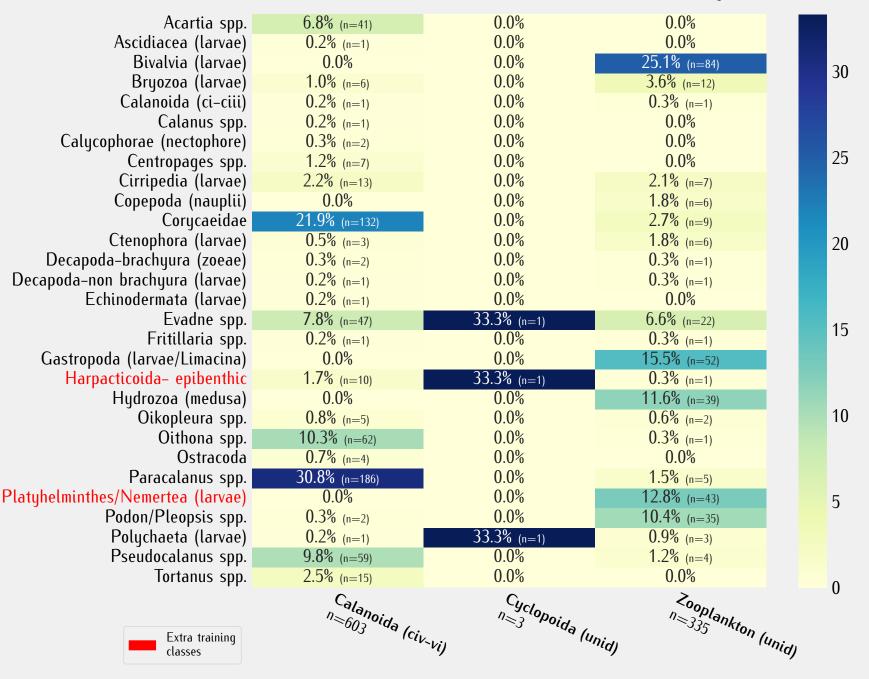
PA Selected Samples prediction using all regions training set, Learning with all classes present in the selected samples, with extra regional training categories, No Calanoida (civ-vi), Cyclopoida, Zooplankton classes in learning set

Classification Report Matrix	(
max 200 learning objects per c	lass

precision recall f1-score

	Confusion Matrix – In percent of Actual Value											m	ax 200 lea	ırning obje	cts per clas															
																												precision	recall	f1-score
Cirripedia (larvae)						12%				2%	<1% <	1% 2%			1% 4%		<1%		4%	4.0		<1%	<1%	2%		<1%	Cirripedia (larvae) (n=3231-train=200)	0.92	0.51	0.66
Acartia spp.													1%		<1% <1%				4%			9%			2%		Acartia spp. (n=2290-train=200)	0.82	0.16	0.27
Oikopleura spp.										20		(1% < 1%			3% <1%							<1%			<1%		Oikopleura spp. (n=1773-train=200)	0.87	0.62	0.72
Podon/Pleopsis spp.								% <1%		2%		3% 3%			<1% <1%	3%	<1%	<1%				<1%				<1%	Podon/Pleopsis spp. (n=607-train=200)	0.26	0.25	0.25
Fritillaria spp.							3%		1%	40.		1% 1%		5%	-40	6%		20.		1%	11%		<1%	<1%		<1%	Fritillaria spp. (n=475-train=200)	0.20	0.45	0.41
Evadne spp. Corycaeidae				(1% 49 1% 19			66%		9%	1%		1819%18	1%		<1%	0%	<1%	2%	2%		<1%	4%	<1%	1%	<1%	4% <1%	Evadne spp. (n=358-train=200)	0.10	0.44	0.26
Calanoida (ci-ciii)				79				6 3%		<1%		1%	1.0	6%	110		110		<1%		11%	1.0	2%	7%		<1%	Corycaeidae (n=335-train=200)	0.27	0.66	0.39
Paracalanus spp.			6 <				<1%		56%				<1%			1%		<1%	4%			32%		<1%		<1%	Calanoida (ci-ciii) (n=150-train=200)	0.20	0.03	0.05
Gastropoda (larvae/Limacina)	2%	á		17	7%	11%			4%	48%	2% 2	2% <1%				<1%					3%		2%	3%		4%	Paracalanus spp. (n=141-train=200)	0.00	0.56	0.14
Bivalvia (larvae)				39	%		1%			7%	64%	10%											2%			12%	Gastropoda (larvae/Limacina) (n=126-train=200)	0.41	0.48	0.44
Polychaeta (larvae)	11	% 5%	б	99	%	9%	3%		8%	2%	1	4% 5%		2%	3%	6%	5%				3%	12%	2%	2%		2%	Bivalvia (larvae) (n=126-train=200) (n=96-train=200)		0.64	0.72
Hydrozoa (medusa)									4%			29%	2%		9%	53%	2%					2%					Polychaeta (larvae)	0.17	0.14	0.15
Centropages spp.		8%	6 2	2%			2%		4%				30%		2%		10%		20%			18%	4%				(n=65-train=200) Hydrozoa (medusa)	0.00	0.29	0.12
Echinodermata (larvae)						2% 10%			2%			69%			2%		5%							2%			(n=55-train=200) Centropages spp. (n=50-train=200)		0.30	0.24
Calycophorae (nectophore)		20				3%			20				5%		68%		11%		60			5%	3%		20		Echinodermata (larvae)	0.00	0.00	0.00
Decapoda-brachyura (zoeae)		3%	б			6%			3%			23%	9%		3% 62% 3%		6%		6%					13%	3%	6%	(n=42-train=200) Calycophorae (nectophore) (n=37-train=200)		0.68	0.27
Ctenophora (larvae) Decapoda–non brachyura (larvae))				0%	4%					23%	4%		3%	45% 8%	69%						12%	13%		4%	(n=37-train=200) Decapoda-brachyura (zoeae)			
Ostracoda						4%	4%				16%					0 0		40%					120			36%	(n=32-train=200) Ctenophora (larvae)	0.15	0.62	0.21
Tortanus spp.													21%		17% 4%				54%		4%						(n=31-train=42) Decapoda-non brachyura (larvae)	0.12	0.45	0.19
Ascidiacea (larvae)			20	6%	1	7%														57%							(n=26-train=200) Ostracoda	0.55	0.69	0.45
Oithona spp.		245	% 6	6%	1	2%	12%	б									6%		6%		35%						(n=25-train=25)	0.17	0.40	0.24
Pseudocalanus spp.																	14%					86%					Tortanus spp. (n=24-train=200)	0.05	0.54	0.09
Calanus spp.													17%				67%					17%					Ascidiacea (larvae) (n=23-train=200)	0.51	0.57	0.43
Copepoda (nauplii)				25	5%				25%														50%				Oithona spp. (n=17-train=200)		0.35	0.02
Euphysa spp. (medusa)															100%												Pseudocalanus spp. (n=7-train=200)	0.02	0.86	0.04
Bryozoa (larvae)						^ ^			^			00%		_)	1				^ ^			Calanus spp. (n=6-train=200)	0.00	0.00	0.00
	C,	Tipodi.	drtia s	Oikopleure	odon/	Pritillaria Sp.	The Cor	tycaeidae	Poid atac	Clastro.	Don dialia	Olychae.	rotor	Chin	Ode Toph Co	Dod	Decay	Dod's	Tortal.	My Science	idiaco litho	PSelle One Spp.	docalanus Sp.	Cuphysa Bry	Harpe (Men	ACTIC PARTY	Copepoda (nauplii) (n=4-train=200)	0.04	0.50	0.08
		tripedia	lande	10. To	500.	Pritillaria Sp.	?	Tycaeidae	Parace Cil	City St.	o lana	Polychaeta (larae) (larae)	dry me	Chine Chine	Calycophorae Op. Carrae	Cheno Checton	Chy Co	TO TO	Tortal, brachyll	SOD	idiacea (la	Drae,	Calanus Spp.	Euphysa Spp.	mer	Per Oida	Copepoda (nauplii) (n=4-train=200) Euphysa spp. (medusa) (n=3-train=3) Bryozoa (larvae) (n=1-train=200) Harpacticoida- epibenthic (n=0-train=200)	0.00	0.00	0.00
						~ ⁄⁄⁄⁄					•	1 inacin	9	ソ	J. A.	Toph	ore)	Joede 1	Chyu	1/2//		7	20,	9	Jusa	יע	Bryozoa (larvae) (n=1-train=200)	0.00	0.00	0.00
												9)						ツ		'ON	Per					E	Harpacticoida- epibenthic (n=0-train=200)	-	-	-
													Pre	edicte	d Values											tr	Platyhelminthes/Nemertea (larvae) (n=0-train=183)		_	-
																											macro avg (corr)		0.40	0.24
																											weighted avg	0.71	0.42	0.48

Predictions of discarded taxa from training



Actual discarded Taxa

