Use of SCN features: No

Max learning objects: 200 objects/class Strategy N° 10

Actual Values

Gulf Selected Samples prediction using all regions training set, Learning with selected samples classes with no low global training instances, with extra regional training categories, With Calanoida, Cyclopoida, NO Zooplankton classes in learning set

Confusion Matrix - In percent of Actual Value

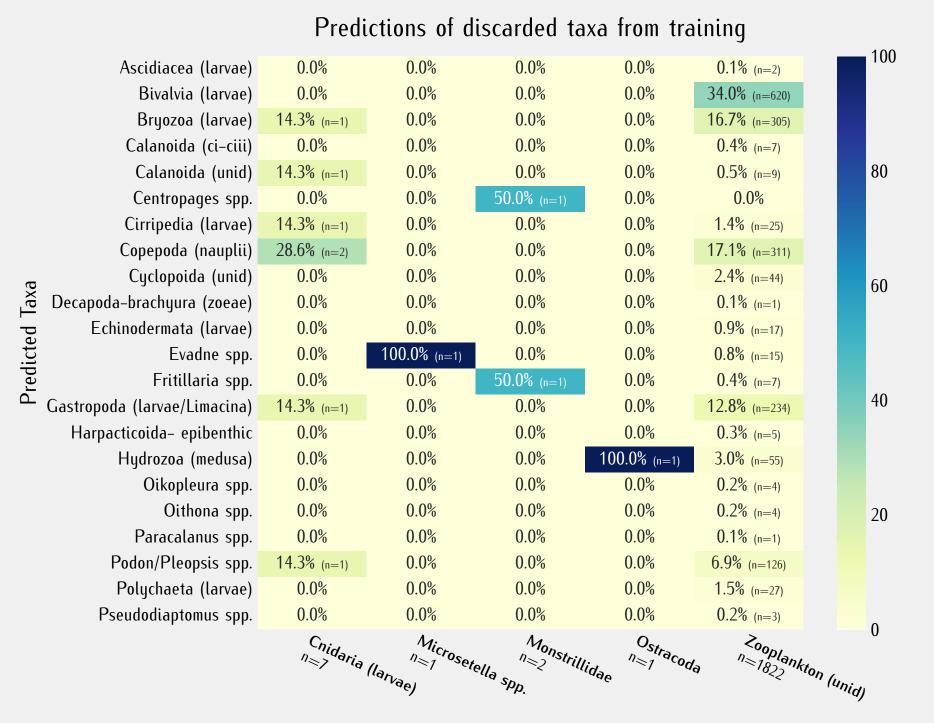
Classification Report Matrix max 200 learning objects per class

recall

precision

f1-score

											,	Culli	uSton	IVIA	IIIX –	ш ре	rcen	it Ui .	Actu	al va	lue											precision	ı recall	f1-scor	· Р	
Acartia spp.	18%	3	8%	<1%	<1%	30%	4%	4%	<1%	<	% <	1% <	1% <1	1% 4	% 2%	1%	1%	<1%	2%	<1%		<1%	<1%	<1% <1	1%	11%	10%	s <1%	<1%	2%	Acartia spp. (n=18062-train=200)	0.00	0.18	0.31		
Bivalvia (larvae)	Q	90% <	<1%	1% <	<1%		<1%	<1%	1%	5%	<	1% <	1% <1	1% <	1%	<1%	<19	б	<1%	<1%			<	<1% <1	1%						Bivalvia (larvae) (n=7955-train=200)	0.05	0.90	0.93		
Calanoida (unid)	<1% <	<1% 1	5%	3%	2%	10%	12%	16%	<1% <	<1% <	% 4	l% 1	% <1	1% 5	% <1%	7%	9%	<1%	6%	4%		<1%	<1% <	<1% <1	1%	2%	<1%	₆ <1%		<1%	Calanoida (unid) (n=7711-train=200)	0.38	0.15	0.22		
Copepoda (nauplii)		4% <	<1%	76% <	<1%		<1%	<1%	<	<1%	5	5% <	1%	<	1%	3%	10%	i		<1%			<	<1% <1	1%						Copepoda (nauplii)	0.66	0.76	0.71		
Podon/Pleopsis spp.		6% <	<1%	17%	43%	<1%	<1%	<1%	2%	16% <	% 12	2% <	1% <1	1% <	1%	<1%	<19	б	<1%	<1%			<1%	<1	1%	<1%	<1%	% <1%			(n=2753-train=200) Podon/Pleopsis spp.	0.75	0.43	0.55		
Oithona spp.	<1%	2	4%	<1%		68%	2%	6%	<	<1%	<	1% <	1% <1	1% 7	%	3%	6%		1%	<1%			<	<1% <1	1%		<1%	ó			(n=2715-train=200) Oithona spp.	0.21	0.68	0.32		1.0
Calanoida (ci-ciii)		1	8%	3%	3%	7%	13%	12%	<1% <	<1%	5	5% 2	2% <1	1% 7	%	6%	10%	i	9%	5%			<	<1% <1	1%	<1%	6				(n=2572-train=200) Calanoida (ci-ciii)	0.10	0.00			1.0
Pseudodiaptomus spp.	<1%	4	4%	<1% <	<1%	15%	2%	47%	<	<1%	<	1% <	1%	8	% <1%	2%	9%		3%	3%		<1%				2%	<1%	6		<1%	(n=1348-train=200) Pseudodiaptomus spp.			0.11		
Hydrozoa (medusa)	<1%	2%		<1%	4%	1%			67%	7%	4	l% 1	%	<	1%	<1%	<19	6 3%	5%	<1%		<1%	<	<1%		2%	<1%	б		<1%	(n=1059-train=200) Hydrozoa (medusa)	0.17	0.47	0.25		
Gastropoda (larvae/Limacina)		5%		9%	9%		<1%	<1%	2% 5	55%	6	5% 2	2%	<	1%				<1%	<1%							<1%	б			(n=671-train=200)	0.71	0.67	0.69		
Temora spp.	<1%	2	2%	<1% <	<1%	2%	<1%	19%		16	% 3	3% 2	2%	2	% 5%	2%	5%		8%	6%		14%				8%	4%	<1%		<1%	Gastropoda (larvae/Limacina) (n=629-train=200)	0.20	0.55	0.35		
Bryozoa (larvae)		2% <	<1%	21%	14%	<1%				6%	5	1% 2	2%				1%			<1%			<	<1%		<1%	6				Temora spp. (n=308-train=200)	0.31	0.16	0.21		0.8
Polychaeta (larvae)	<1% <	<1%	1%	30%	5%	1%	<1%	<1%		1% <		1% 20				10%	4%	1%	6%	11%			<1%	<1	1% <1%	б				<1%	Bryozoa (larvae) (n=247-train=200)	0.11	0.51	0.18		
Ascidiacea (larvae)	<1%					3%		<1%			<	1% 1	% 89	% <	1%								<1% <	<1% 19	% 3%						Polychaeta (larvae) (n=237-train=200)	0.17	0.20	0.18		
Harpacticoida- epibenthic		(6%	<1%		12%	2%	6%			<	1%		35	5%	<1%	26%	5	3%	<1%		2%				2%	3%				Ascidiacea (larvae) (n=194-train=200)	0.80	0.89	0.84		
Centropages spp.	25%	4	2%			41%				79	ó			2	% 9%											9%	2%			2%	Harpacticoida- epibenthic (n=108-train=200)	0.02	0.35	0.05	-	
Echinodermata (larvae)				3%	8%	3%					3	8%				32%	ш		22%	27%										3%	Centropages spp.	0.01	0.09	0.02		0.6
Cyclopoida (unid)				4%						4%				9	%		78%			4%											(n=44-train=200) Echinodermata (larvae)	0.01	0.32	0.02		
Obelia spp. (medusa)						19%			10%			5%					10%	24%						5%		5%					(n=37-train=200) Cyclopoida (unid)	0.01	0.78	0.02		
Evadne spp.						6%					12	2%							62%							6%					(n=23-train=143) Obelia spp. (medusa)					
Cirripedia (larvae)				44%	6%					6%		12	2%			6%				25%											(n=21-train=200) Evadne spp.		0.24	0.08		
Chaetognatha						8%							15	5%							31%		4	23% 15	5% 8%						(n=16-train=200)	0.01	0.62	0.02		0.4
Pseudocalanus spp.	29%									29	%											14%					14%	5			Cirripedia (larvae) (n=16-train=200)		0.25	0.01		
Decapoda-non brachyura (larvae)																							50%		25%	5			25%		Chaetognatha (n=13-train=89)	0.00	0.31	0.44		
Fritillaria spp.																								100%							Pseudocalanus spp. (n=7-train=200)	0.01	0.14	0.01		
Oikopleura spp.																							1	100%							Decapoda-non brachyura (larvae) (n=4-train=200)	0.07	0.50	0.13		
Osteichthyes (larvae)																					100%										Fritillaria spp. (n=3-train=200)	0.02	1.00	0.04		0.2
Paracalanus spp.																										100%	%				Oikopleura spp. (n=2-train=200)	0.00	0.00	0.00		
Eurytemora spp.																						100%									Osteichthyes (larvae) (n=1-train=45)	0.00	0.00	0.00		
Decapoda-brachyura (zoeae)	A	A .	<u> </u>		<i>δ</i>	0		8	<i>.</i>			O) 0 A	, ,	· 0	<u> </u>						8		^ (100%		Paracalanus spp.	0.00	1.00	0.00		
	Acartia	Birdhia Sp.	dano	Copepolida (unia)	Odon	Oithon Pleopsi	na dlan	Pselido Poido (ci.ci	Tydrozo	Castropod Medusa Spp.	Moras	Tyotod	Colychaete (larvae)	Scidiaco	darpacticoid (larvae)	tropa Chi	node	Obe Copolida	Via Sp	Inc Spp.	ipedia (lan	Seldo	Decapolical anus s	Titillaria	Oitapleura s.	eichth	acalar Urg	Tytemora Spp.	Alanus of	idocera Spp. (Aoede)	(n=1-train=200) Eurytemora spp. (n=1-train=200)		0.00	0.00		
		<i>Pp. 1</i>	(larvae)	(unia	(1) (1) (1)	CODS!		'd (ci.	Pronu	Medus	Man.	% <i>(</i>	(ande)	1/ans	Mary Coil	is of	Sp	74 (1)	Unia,	med .	" (lan	AN AND AND AND AND AND AND AND AND AND A	Aldnus s	So non br	10 10 1	DD. "YO	S (lar	De 20.	Obrach,	100	(n=1-train=200) Decapoda-brachyura (zoeae)	0.00	0.00	0.00		0.0
							2/2		9		/ ^Q	c/lima		46	y 'Y	Dibe	nthi:	'On		11/50)	/	9	•	M. '9	Chyura		, Jac	ソ	YUFA	top	(n=1-train=200) Calanus spp.		0.00	0.00		0.0
												C/	(Pa)				.0							Pritillaria De Popo de	(la)	rae,					(n=0-train=200)	_	_	_		
															ъ.		\													Extra train	ing (n=0-train=200)	_	_	_		
															Pred	cted	Valu	es												class	es Tortanus spp. (n=0-train=200)	-	-	-		
																															macro avg (corr)	0.25	0.41	0.22		
																															weighted avg	0.72	0.40	0.44		



Actual discarded Taxa

