Use of SCN features: Yes

Max learning objects: 20000 objects/class Strategy N° 1

Actual Values

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

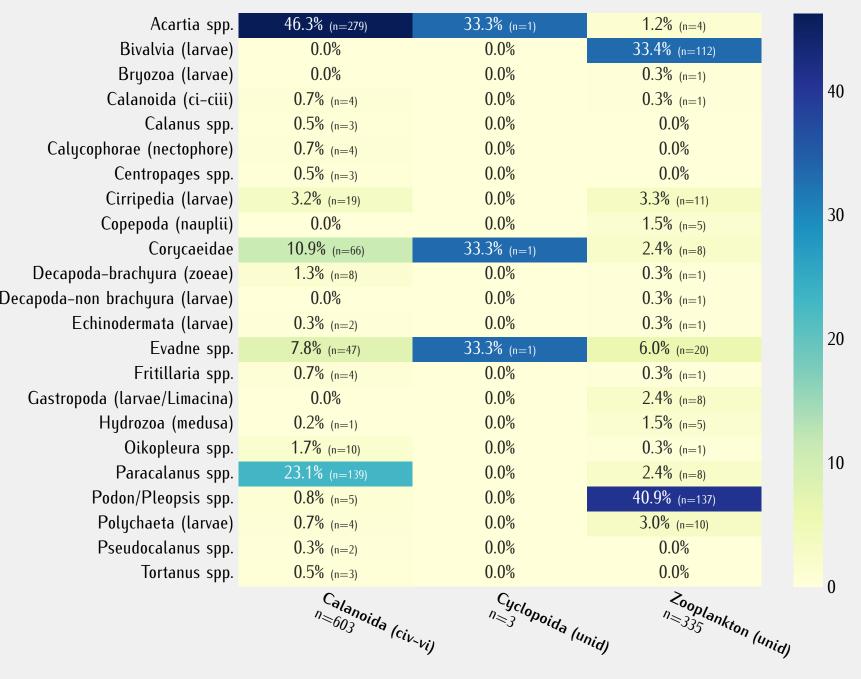
											Co	onfusi	on M	atrix	– In p	ercer	nt of A	Actua	l Valu	ie								
Cirripedi	a (larvae)	76%	1%	<1%	15%	<1%	2%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	1%	1%			<1%	<1%					<1%	<1%
Ac	artia spp.	1%	80%	<1%	<1%	<1%	<1%	6%	<1%	9%			<1%		<1%		<1%	<1%				<1%		<1%	<1%	<1%		
Oikop	leura spp.	2%	2%	82%	3%	2%	1%	<1%	<1%	1%		<1%	<1%	<1%	<1%	2%	3%	<1%	<1%			<1%	<1%		<1%		<1%	
Podon/Ple	opsis spp.	10%	2%	<1%	55%		11%	1%	1%	12%	<1%		2%	3%		<1%	<1%	1%									1%	
Fritil	laria spp.	<1%	6%	53%	<1%	32%	2%	<1%		<1%			<1%			4%	<1%							<1%				
Ev	adne spp.	8%	1%	<1%	13%		66%	<1%		4%		<1%	<1%	5%		<1%	<1%		<1%									
Co	rycaeidae	<1%	15%	2%	1%		<1%	70%	<1%	6%			<1%		<1%		1%	<1%		<1%		<1%			<1%			
Calanoid	a (ci–ciii)	19%	15%	<1%	14%		3%	11%	10%	9%			4%			9%											3%	<1%
Paracal	anus spp.	<1%	7%	<1%	1%		1%	<1%		82%				1%	<1%			<1%							<1%	3%		
Gastropoda (larvae/	Limacina)	7%	5%		50%		4%		<1%	2%	19%	8%	<1%	2%		<1%											<1%	
Bivalvi	a (larvae)				17%		1%	1%			2%	77%															2%	
Polychaet	a (larvae)	25%	8%		15%		3%	5%		8%			22%	5%		2%	2%	3%		3%							2%	
Hydrozoa	(medusa)			2%	2%		4%			4%				84%			4%	2%										
	ages spp.		26%	2%				2%		2%			2%		20%		2%	6%		12%		18%			2%	6%		
Echinodermat		2%			17%	2%	50%			2%				14%			10%										2%	
Calycophorae (ne														8%			78%	8%		5%								
Decapoda-brachyur	, ,		3%		_					3%				3%			6%	78%	_	6%								
Ctenophor		3%			13%		16%						3%	55%			3%		6%									
Decapoda–non brachyur			4%		200		4%	40.				2.40		12%				12%		69%	40.							
	Ostracoda	40.	40.		28%		40%	4%				24%			40.		240	00.		470.	4%	420.						
	anus spp.	4%	4%	65%											4%		21%	8%		17%		42%	35%					
	a (larvae) hona spp.		53%	6%		18%		6%							12%					6%			33%					
Pseudocal			33.0	0.0		10.0		0.0		29%					12.0		14%			14%					43%			
	anus spp.																17%	17%		33%						33%		
	(nauplii)	25%			50%					25%																		
Euphysa spp.																	100%											
	a (larvae)	100%																										
			Acar	Oifo	Pode	Priz.	Charles Charles	Corn	Cala	Para	Ç ^{⊗2×}	Bivar	Poly	Hyd	Cenz	Chi	Call	Oec	Crep	Oec	OSTA	Tory	Asci.	Oith	DS.	Cala	Cope	Cups Bryo
		<i>\$2</i> 6	Acarra Maria	Oikop.	Podol	Fitill Pleapsis	Aria Spp.	Coryco Spp.	eidae III	Parace Oida (ci.cl.	Vanus "To	Doda (1	ia (lary	Hydro dan	Centrol Too (medil	pages The	dernaz	Decap Johorae (1)	Ctenop. Cectophore	hora (Oda no.	Oda dr	Us Dp	Oithon	Pseudi Spp.	Calanus Sp	5/20	Cuphysa Sp. (nede
			"The	e)	2/2.	To Co	Spp			1,01		? (an	de/li	, an	redu ((a) (b)		Jana (n	ectops achig	Wra (Art	de on the	Stachy.	٠٠,	"On	Per .	N. N	<i>3</i> 0.	duplii) (nec
												Bixalla Poods Paris	Mace	120)				ツ	Ctenop. Dectophore	1 TORG	Per	Tortarioda Stachyura	(lan					
																							de					

Predicted Values

Classification Report Matrix max 20000 learning objects per class

IIIC		arming obje	ecis per cia
	precision	recall	f1-score
Cirripedia (larvae) (n=3231-train=6358)	0.92	0.76	0.83
Acartia spp. (n=2290-train=4410)	0.88	0.80	0.84
Oikopleura spp. (n=1773-train=4507)	0.82	0.82	0.82
Podon/Pleopsis spp. (n=607-train=3605)	0.31	0.55	0.40
Fritillaria spp. (n=475-train=844)	0.80	0.32	0.46
Evadne spp. (n=358-train=981)	0.53	0.66	0.59
Corycaeidae (n=335-train=1760)	0.57	0.70	0.63
Calanoida (ci-ciii) (n=150-train=313)	0.37	0.10	0.16
Paracalanus spp. (n=141-train=1525)	0.23	0.82	0.36
Gastropoda (larvae/Limacina) (n=126-train=291)	0.77	0.19	0.31
Bivalvia (larvae) (n=96-train=119)	0.76	0.77	0.76
Polychaeta (larvae) (n=65-train=661)	0.25	0.22	0.23
Hydrozoa (medusa) (n=55-train=301)	0.33	0.84	0.47
Centropages spp. (n=50-train=119)	0.30	0.20	0.24
Echinodermata (larvae) (n=42-train=2649)	0.00	0.00	0.00
Calycophorae (nectophore) (n=37-train=966)	0.19	0.78	0.30
Decapoda-brachyura (zoeae) (n=32-train=343)	0.23	0.78	0.36
Ctenophora (larvae) (n=31-train=29)	0.50	0.06	0.11
Decapoda-non brachyura (larvae) (n=26-train=219)	0.45	0.69	0.55
Ostracoda (n=25-train=18)	0.08	0.04	0.05
Tortanus spp. (n=24-train=88)	0.31	0.42	0.36
Ascidiacea (larvae) (n=23-train=54)	0.89	0.35	0.50
Oithona spp. (n=17-train=44)	0.00	0.00	0.00
Pseudocalanus spp. (n=7-train=65)	0.27	0.43	0.33
Calanus spp. (n=6-train=37)	0.20	0.33	0.25
Copepoda (nauplii) (n=4-train=233)	0.00	0.00	0.00
Euphysa spp. (medusa) (n=3-train=3)	0.00	0.00	0.00
Bryozoa (larvae) (n=1-train=50)	0.00	0.00	0.00
macro avg	0.39	0.42	0.35
weighted avg	0.77	0.71	0.72
	precision	recall	f1-score

Predictions of discarded taxa from training



Predicted Taxa

Actual discarded Taxa

