Use of SCN features: Yes

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

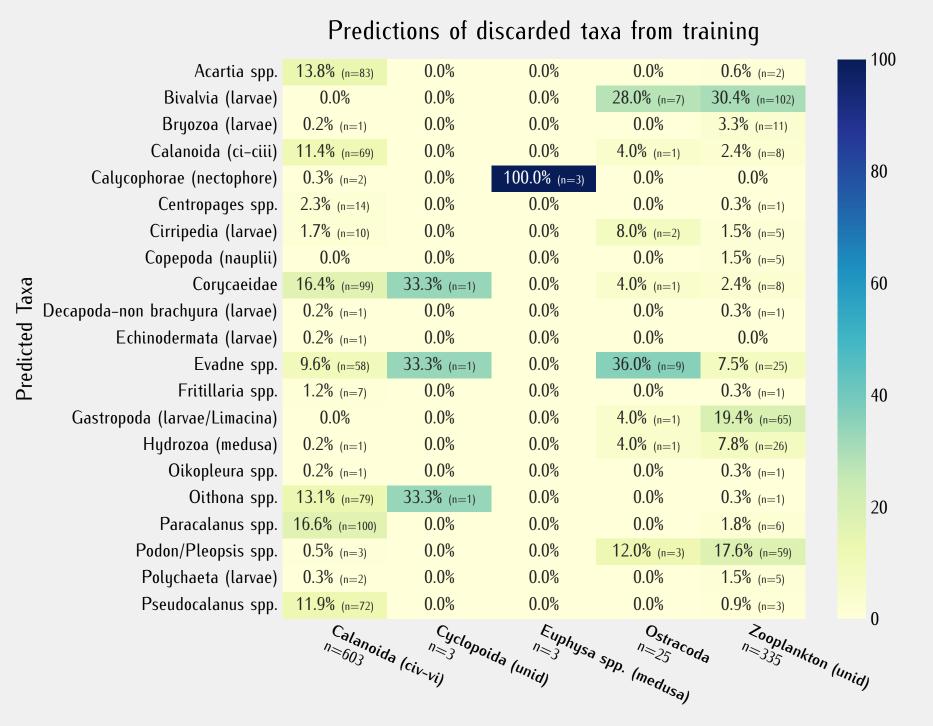
Max learning objects: 5000 objects/class Strategy N° 7

Confusion Matrix – In percent of Actual Value

Classification Report Matrix max 5000 learning objects per class

precision recall f1-score

										Confus	sion Λ	Natrix	– In p	oercen	t of A	Actual	Value							Confusion Matrix – In percent of Actual Value													
																											C:	:	precision	recall	f1-score						
Cirripedia (larvae)		<1%			<1%				<1% 11%	2%		<1%	1% <1%		1%	<1%				<1%			<1% 5%	•	<1% <	<1% 		ipedia (larvae) 231-train=5000)		0.70	0.80						
Acartia spp.					<1%												< 1/0										(n=2)	Acartia spp. 290-train=5000)	0.89	0.43	0.58						
Oikopleura spp.				2%				1%	<1%	<1%			<1%			2%			<1%	<1%	<1%	1%	<1%		<1% <		(n=1	Oikopleura spp. 773-train=5000)	0.89	0.68	0.77						
Podon/Pleopsis spp.	9%	<1%	<1%	41%	<1%	28%	2%	2%	7%	2%		2%	<1%	<1%		<1%	<1%					<1%	<1%		<1% <	<1%	Podon	/Pleopsis spp.	0.34	0.41	0.37						
Fritillaria spp.	<1%	1%	26%		57%	<1%	1%	1%	<1%				3%		2%						<1%	7%			<	<1%	·	607-train=5000) Fritillaria spp.									
Evadne spp.	4%		<1%	4%		70%	1%	1%	3%	3%	<1%	<1%	7%		<1%	<1%						<1%		•	<1%	2%	(n=-	475-train=5000)	0.45	0.57	0.51	1.0					
Corycaeidae	<1%	10%	1%	2%	<1%	<1%	69%	1%	4%					2%		1%			<1%			2%	4%		<	<1%	(n=	Evadne spp. 358-train=5000)	0.32	0.70	0.44						
Calanoida (ci-ciii)	9%	3%	<1%	11%		15%	15%	17%	7%			2%			4%							13%			2% <	<1%	(n=:	Corycaeidae 335-train=1760)	0.37	0.69	0.48						
Paracalanus spp.	<1%	5%	<1%	<1%		3%		2%	56%					<1%									31%				Cal (n=	anoida (ci-ciii) 150-train=5000)	0.13	0.17	0.15						
Gastropoda (larvae/Limacina)	3%	2%		14%		12%			2%	56%	5%	<1%						<1%				4%		•	<1%		`	racalanus spp. 141-train=1619)	0.18	0.56	0.27	0.8					
Bivalvia (larvae)				6%		1%	1%			5%	81%		3%												1%	1%					0.27						
Polychaeta (larvae)	15%	3%		12%		15%	2%	2%	2%	3%		31%	2%			2%			5%				6%		2%		Gastropoda (la (n=	126-train=3272)	0.42	0.56	0.48						
Hydrozoa (medusa)						2%			4%			11%	71%	2%		7%			2%				2%				B (n=	ivalvia (larvae) =96-train=3764)	0.91	0.81	0.86						
Centropages spp.		18%			4%									40%					6%	8%			20%	4%			Polyo (n=	chaeta (larvae) =65-train=1577)	0.27	0.31	0.29						
Echinodermata (larvae)					2%	5%						7%	81%			2%			2%								Hydr (n=	rozoa (medusa) =55-train=4052)	0.22	0.71	0.33	0.6					
Calycophorae (nectophore)								3%				3%	3%	5%		76%			8%				3%				Ce	ntropages spp.	0.19	0.40	0.26						
Decapoda-brachyura (zoeae)		6%							3%					9%		6%	62%		6%				3%			3%	·	=50-train=3620) ermata (larvae)									
Ctenophora (larvae)	3%			3%		19%				10%		13%	39%			3%		3%	3%							3%	(n=	=42-train=3043)	0.00	0.00	0.00						
Decapoda-non brachyura (larvae)							4%					12%		4%			12%		62%					8%			Calycophora (n	e (nectophore) =37-train=966)	0.24	0.76	0.36	0.4					
Tortanus spp.	8%													38%		17%	4%		4%	25%		4%					Decapoda-bra (n	chyura (zoeae) =32-train=628)	0.25	0.62	0.36						
Ascidiacea (larvae)			22%		17%																61%						Ctend	pphora (larvae) n=31-train=42)	0.50	0.03	0.06						
Oithona spp.		35%	6%		12%									12%								35%					Decapoda-non brac	chyura (larvae)	0.46	0.62	0.52						
Pseudocalanus spp.																							100%				·	=26-train=423) Tortanus spp.									
Calanus spp.														17%					17%				50%	17%				Tortanus spp. =24-train=203)		0.25	0.32	0.2					
Copepoda (nauplii)								25%		25%															50%		Ascu (n	diacea (larvae) =23-train=861)	0.78	0.61	0.68						
Bryozoa (larvae)																											(n=	Oithona spp. =17-train=5000)	0.01	0.35	0.02						
	Ciripe	Acari	Tis Oitopi	New Podo,		17 (2011) 18710 SPP.	To Cory C	Colon Colon	Parace Cicil	Castron	Birdhe	Polych	Acta (land	Centrol Od (Medis	Chine	Callicol	Decapo	Ctenopi Ctopy	Decapo	Portanus	Ascidiace Spp.	Oithon	Pseudo Pp.	Calanus Spp.	Copepour	Bryozoa (larva)	Pseud (n	docalanus spp. =7-train=4845)	0.03	1.00	0.06						
		" (lane	10/2 10/	1/4 5/10	leopsis,	200 100 100 100 100 100 100 100 100 100	100	(Pak	A (ci.		oda (lan	(larvae)	Cta llarva	medus	Jes Spp.	CIMATA (Norde (ne	d brachy	ora (larva	A non br		ca (larva)		alanus Sp.		Bryozoa (larvae	· ~	Calanus spp. n=6-train=359)	0.20	0.17	0.18	0.0					
Ciripedia Acaria Oiko Podon Pititlaria Sup. Calanoida Calanoida (calanoida Calanoida Calanoida Calanoida Calanoida Calanoida Calanoida (calanoida Calanoida													9	(epoda (nauplii) =4-train=5000)	0.05	0.50	0.09																			
												Ó							9		, du	vae,						=4-train=5000) ryozoa (larvae)									
												Pr	edicte	d Valu	es												(n	=1-train=1142)	0.00	0.00	0.00						
																												macro avg	0.37	0.49	0.36						
																											W	eighted avg	0.76	0.59	0.64						



Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample

