

Use of SCN features: No
Max learning objects: Maximum objects/class
Strategy N° 3

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

Confusion Matrix - In percent of Actual Value

Actual Values

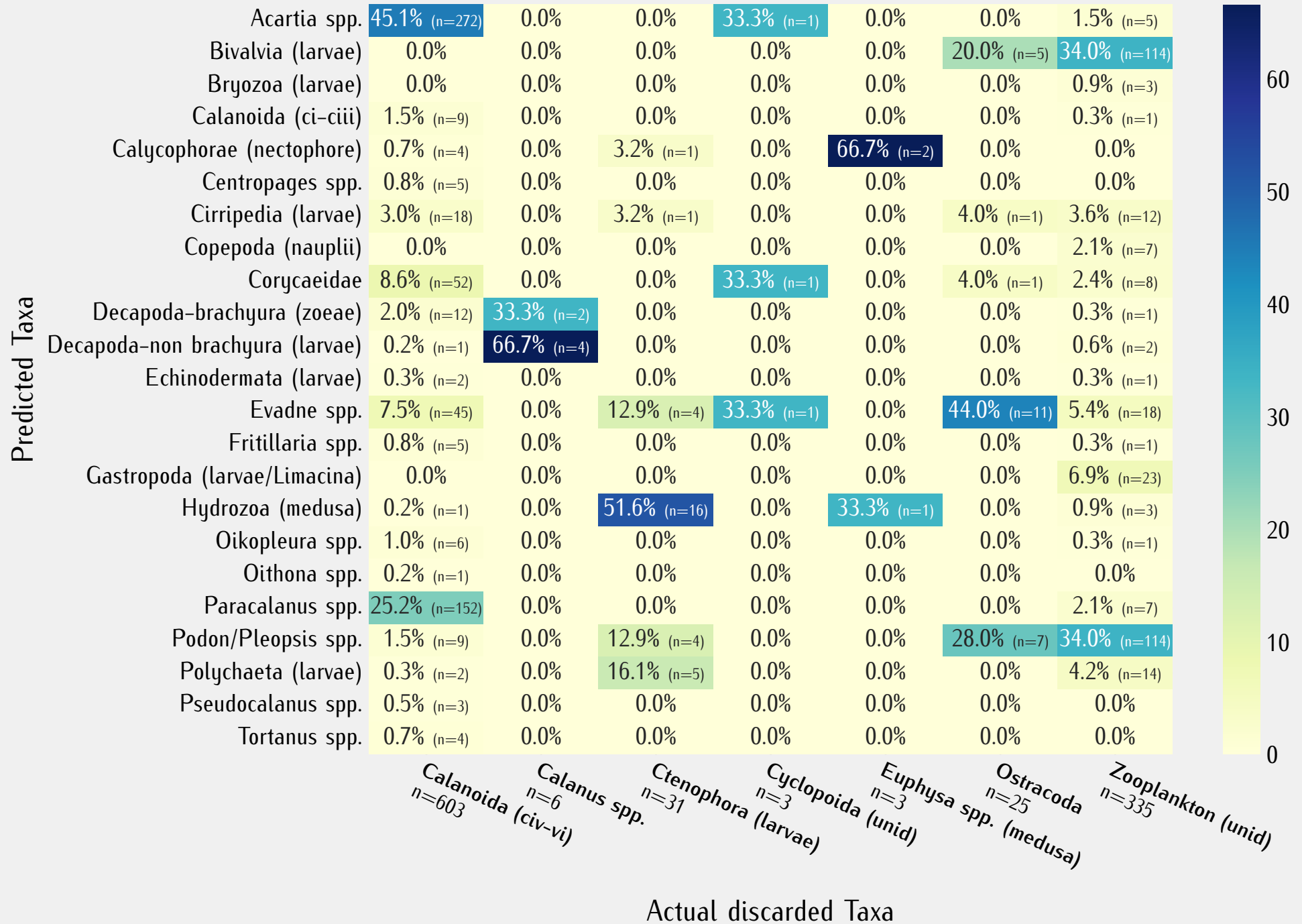
Cirripedia (larvae)	78%	1%	<1%	12%	<1%	2%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	1%	1%	1%	<1%					<1%	<1%
Acartia spp.	<1%	79%	<1%	<1%	<1%	<1%	6%	<1%	8%				<1%	<1%	<1%	<1%		<1%		<1%	<1%			
Oikopleura spp.	2%	2%	82%	2%	2%	2%	<1%	<1%	1%		<1%	<1%	<1%	<1%	2%	3%	<1%	<1%	<1%	<1%			<1%	<1%
Podon/Pleopsis spp.	9%	1%	<1%	56%		9%	2%	3%	10%			2%	2%			<1%	1%					<1%	2%	
Fritillaria spp.	<1%	6%	46%		40%	2%	<1%		<1%			<1%	<1%		3%					<1%				
Evadne spp.	7%	1%	<1%	10%		69%	<1%		4%		<1%	<1%	4%		<1%	<1%						<1%		
Corycaeidae	<1%	13%	3%	1%		<1%	71%	<1%	5%			<1%		1%		<1%	<1%	<1%	<1%			<1%		
Calanoida (ci-ciii)	17%	16%	<1%	13%		4%	11%	14%	7%			4%			9%							4%	<1%	
Paracalanus spp.	<1%	9%	<1%	2%		2%	<1%		81%							<1%	<1%					3%		
Gastropoda (larvae/Limacina)	7%	4%		36%		5%		<1%	3%	32%	7%	2%	<1%		<1%								2%	
Bivalvia (larvae)				15%			1%			4%	78%												1%	1%
Polychaeta (larvae)	25%	5%		17%		5%	3%	2%	3%			29%	2%			2%	2%	6%					2%	
Hydrozoa (medusa)			2%	2%		4%			5%			4%	78%			4%	2%							
Centropages spp.		22%	4%				2%					2%		20%			20%	18%	10%			2%		
Echinodermata (larvae)	5%			14%	2%	50%			2%				17%			7%						2%		
Calycophorae (nectophore)								3%				3%	8%			78%	5%	3%						
Decapoda-brachyura (zoeae)	3%	3%							6%				3%			6%	62%	12%				3%		
Decapoda-non brachyura (larvae)		4%		4%		4%							12%				4%	73%						
Tortanus spp.	8%	4%											12%			21%	21%		33%					
Ascidiaacea (larvae)			48%																	52%				
Oithona spp.		47%	12%		12%		6%						12%					6%			6%			
Pseudocalanus spp.									14%				14%				14%	14%				43%		
Copepoda (nauplii)				25%				25%															50%	
Bryozoa (larvae)	100%																							
Cirripedia (larvae)																								
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Oikopleura spp.																								
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Bryozoa (larvae)																								

Predicted Values

Classification Report Matrix
max available learning objects per class

	precision	recall	f1-score
Cirripedia (larvae) (n=3231-train=6358)	0.93	0.78	0.85
Acartia spp. (n=2290-train=4410)	0.89	0.79	0.84
Oikopleura spp. (n=1773-train=4507)	0.83	0.82	0.82
Podon/Pleopsis spp. (n=607-train=3605)	0.37	0.56	0.45
Fritillaria spp. (n=475-train=844)	0.80	0.40	0.53
Evadne spp. (n=358-train=981)	0.55	0.69	0.62
Corycaeidae (n=335-train=1760)	0.56	0.71	0.63
Calanoida (ci-ciii) (n=150-train=313)	0.26	0.14	0.18
Paracalanus spp. (n=141-train=1525)	0.25	0.81	0.38
Gastropoda (larvae/Limacina) (n=126-train=291)	0.67	0.32	0.43
Bivalvia (larvae) (n=96-train=119)	0.77	0.78	0.78
Polychaeta (larvae) (n=65-train=661)	0.27	0.29	0.28
Hydrozoa (medusa) (n=55-train=301)	0.39	0.78	0.52
Centropages spp. (n=50-train=119)	0.23	0.20	0.21
Echinodermata (larvae) (n=42-train=2649)	0.00	0.00	0.00
Calycophorae (nectophore) (n=37-train=966)	0.21	0.78	0.33
Decapoda-brachyura (zoeae) (n=32-train=343)	0.19	0.62	0.29
Decapoda-non brachyura (larvae) (n=26-train=219)	0.43	0.73	0.54
Tortanus spp. (n=24-train=88)	0.33	0.33	0.33
Ascidiaacea (larvae) (n=23-train=54)	0.71	0.52	0.60
Oithona spp. (n=17-train=44)	0.07	0.06	0.06
Pseudocalanus spp. (n=7-train=65)	0.16	0.43	0.23
Copepoda (nauplii) (n=4-train=233)	0.04	0.50	0.08
Bryozoa (larvae) (n=1-train=50)	0.00	0.00	0.00
macro avg	0.41	0.50	0.42
weighted avg	0.79	0.72	0.74
precision		recall	f1-score

Predictions of discarded taxa from training



Relative Abundance of Top Taxonomic Instances per Sample

