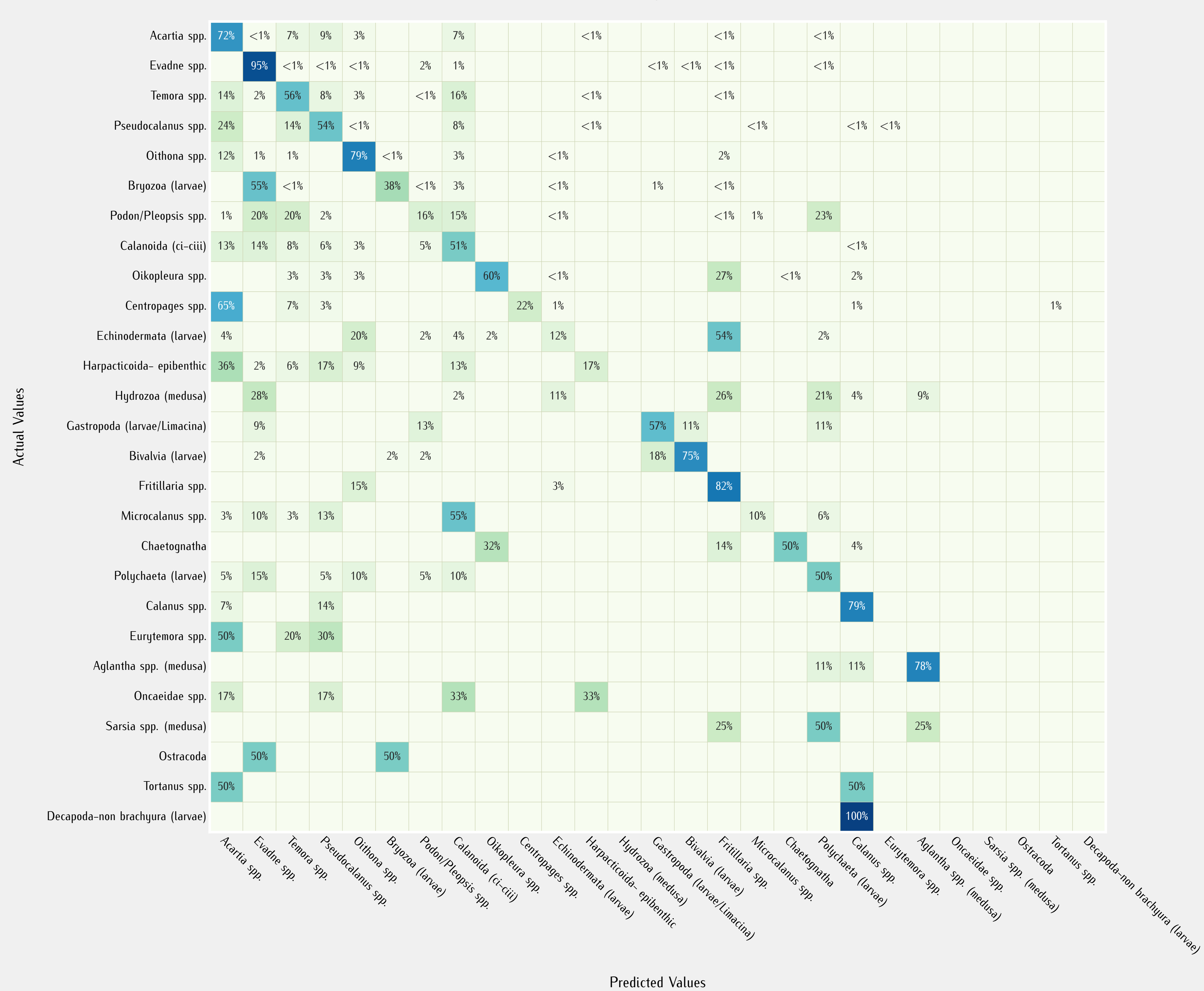


Use of SCN features: Yes  
Max learning objects: Maximum objects/class  
Strategy N° 1

NL 2021 Selected Samples prediction using NL 2021 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

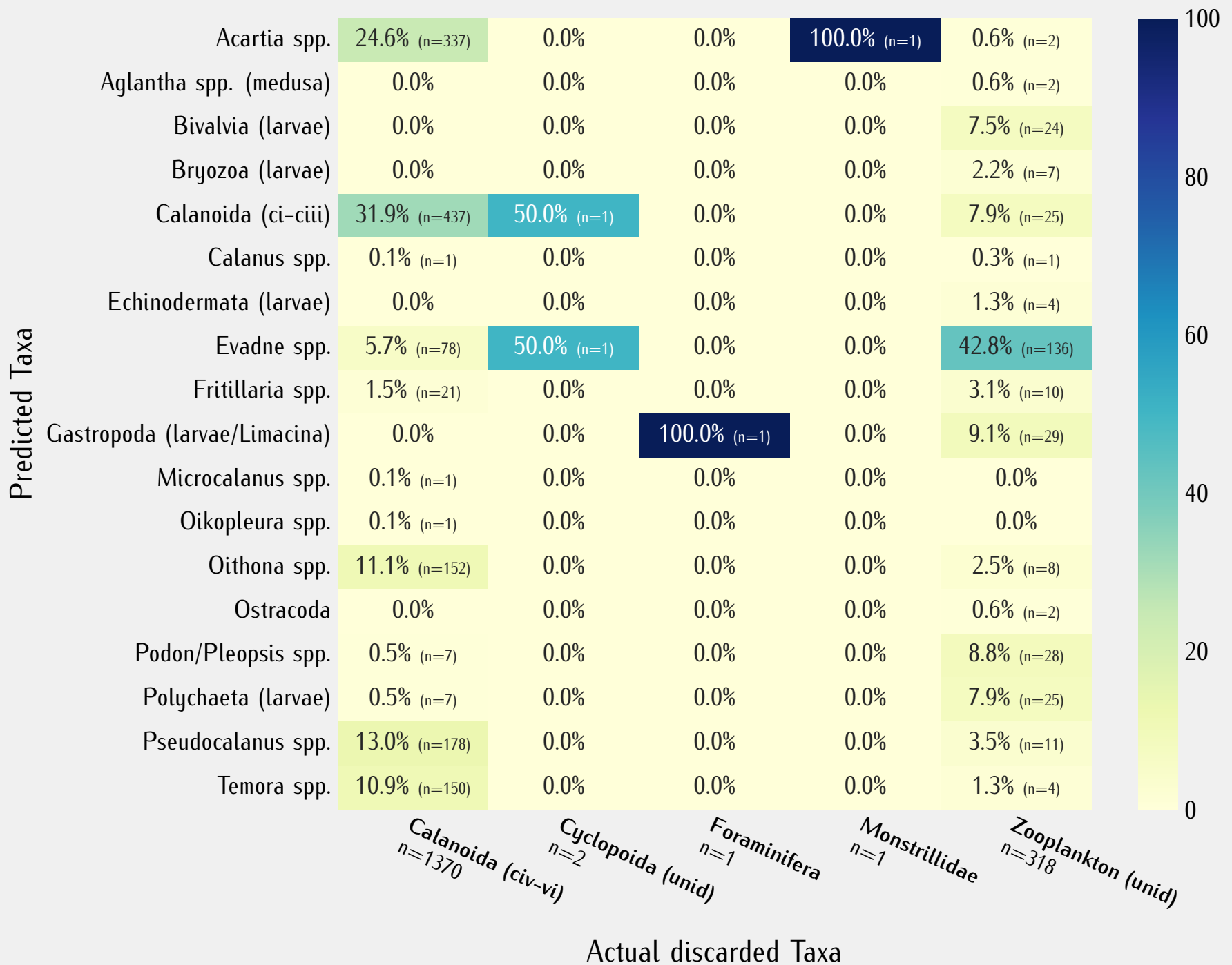
### Confusion Matrix – In percent of Actual Value



Classification Report Matrix  
max available learning objects per class

	precision	recall	f1-score
<b>Acartia spp.</b> (n=2490-train=5448)	0.75	0.72	0.74
<b>Evadne spp.</b> (n=1931-train=2845)	0.87	0.95	0.91
<b>Temora spp.</b> (n=1416-train=5148)	0.66	0.56	0.61
<b>Pseudocalanus spp.</b> (n=1044-train=4552)	0.59	0.54	0.56
<b>Oithona spp.</b> (n=345-train=1409)	0.66	0.79	0.72
<b>Bryozoa (larvae)</b> (n=248-train=119)	0.97	0.38	0.54
<b>Podon/Pleopsis spp.</b> (n=230-train=201)	0.40	0.16	0.23
<b>Calanoida (ci-ciii)</b> (n=130-train=3713)	0.10	0.51	0.17
<b>Oikopleura spp.</b> (n=115-train=761)	0.87	0.60	0.71
<b>Centropages spp.</b> (n=88-train=40)	1.00	0.22	0.36
<b>Echinodermata (larvae)</b> (n=50-train=276)	0.35	0.12	0.18
<b>Harpacticoida- epibenthic</b> (n=47-train=136)	0.62	0.17	0.27
<b>Hydrozoa (medusa)</b> (n=47-train=21)	0.00	0.00	0.00
<b>Gastropoda (larvae/Limacina)</b> (n=47-train=110)	0.50	0.57	0.53
<b>Bivalvia (larvae)</b> (n=44-train=71)	0.79	0.75	0.77
<b>Fritillaria spp.</b> (n=34-train=3447)	0.22	0.82	0.35
<b>Microcalanus spp.</b> (n=31-train=80)	0.43	0.10	0.16
<b>Chaetognatha</b> (n=28-train=67)	0.93	0.50	0.65
<b>Polychaeta (larvae)</b> (n=20-train=452)	0.11	0.50	0.18
<b>Calanus spp.</b> (n=14-train=213)	0.48	0.79	0.59
<b>Eurytemora spp.</b> (n=10-train=88)	0.00	0.00	0.00
<b>Aglantha spp. (medusa)</b> (n=9-train=21)	0.58	0.78	0.67
<b>Oncaeidae spp.</b> (n=6-train=16)	0.00	0.00	0.00
<b>Sarsia spp. (medusa)</b> (n=4-train=4)	0.00	0.00	0.00
<b>Ostracoda</b> (n=2-train=6)	0.00	0.00	0.00
<b>Tortanus spp.</b> (n=2-train=4)	0.00	0.00	0.00
<b>Decapoda-non brachyura (larvae)</b> (n=1-train=7)	0.00	0.00	0.00
<b>macro avg</b>	0.44	0.39	0.37
<b>weighted avg</b>	0.71	0.68	0.68
	precision	recall	f1-score

# Predictions of discarded taxa from training



Relative Abundance of Top Taxonomic Instances per Sample

