

Use of SCN features: Yes  
Max learning objects: 20000 objects/class  
Strategy N° 4

NL 2020 Selected Samples prediction using NL 2020 training set,  
Learning with selected samples classes with no low regional training instances, with extra training categories,  
No Anthoathecata, Calanoida, Copepoda, Zooplankton classes in learning set

Confusion Matrix - In percent of Actual Value

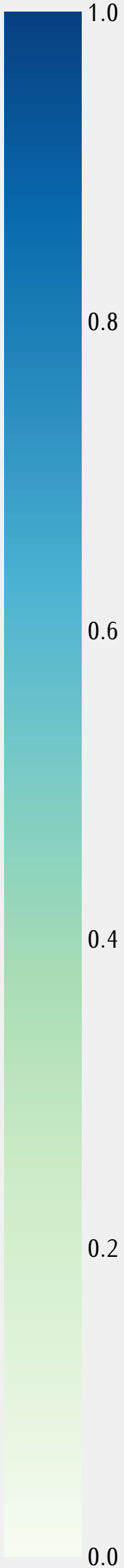
Classification Report Matrix  
max 20000 learning objects per class

Actual Values

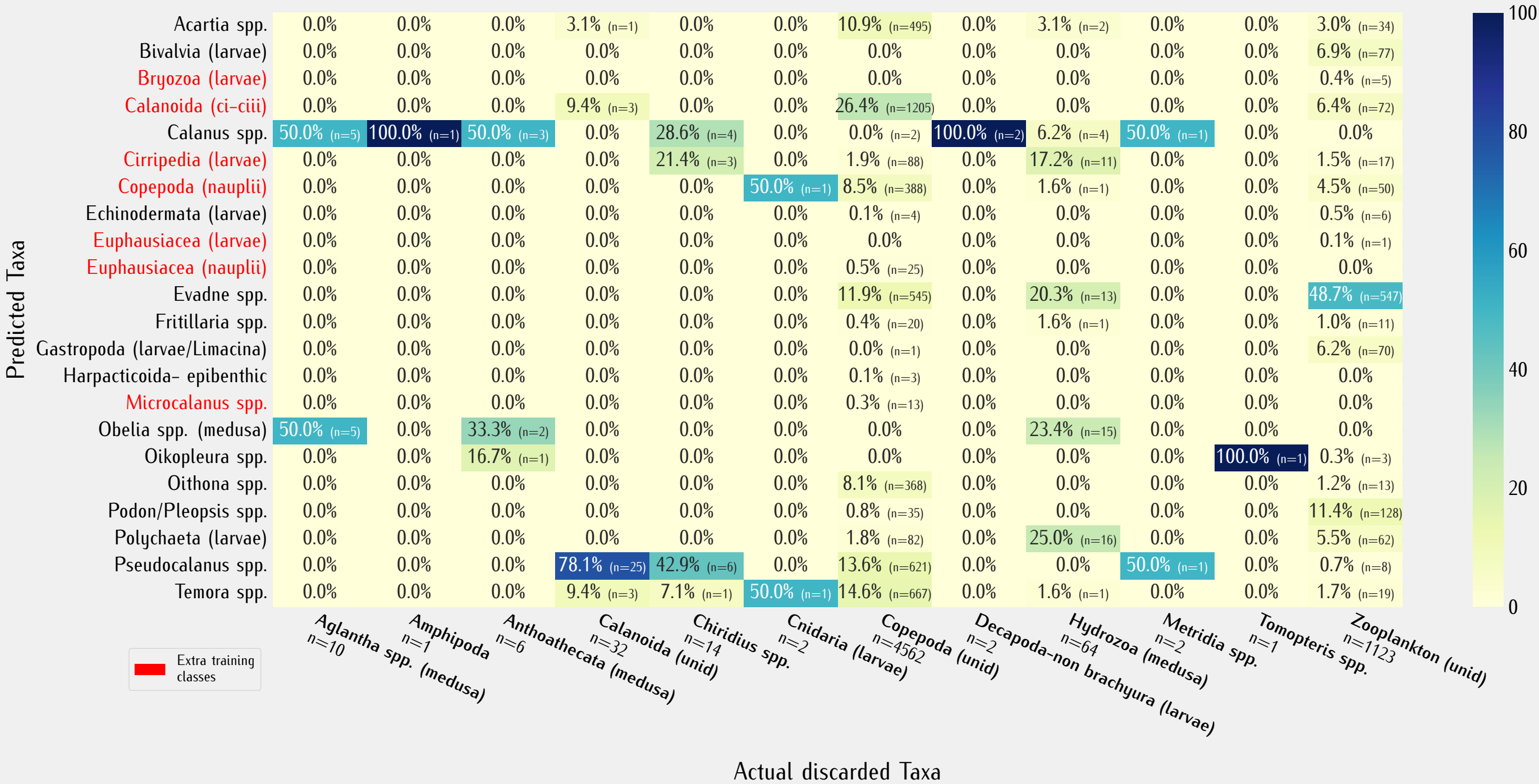
Predicted Values

Extra  
training  
classes

	precision	recall	f1-score
Temora spp. (n=18103-train=5148)	0.73	0.52	0.61
Acartia spp. (n=13302-train=5448)	0.76	0.57	0.65
Evadne spp. (n=5228-train=2845)	0.87	0.93	0.90
Pseudocalanus spp. (n=3053-train=4552)	0.24	0.45	0.31
Centropages spp. (n=330-train=40)	1.00	0.02	0.04
Podon/Pleopsis spp. (n=253-train=201)	0.15	0.09	0.11
Eurytemora spp. (n=178-train=88)	0.00	0.00	0.00
Gastropoda (larvae/Limacina) (n=112-train=110)	0.51	0.32	0.40
Oithona spp. (n=98-train=1409)	0.11	0.85	0.19
Bivalvia (larvae) (n=92-train=71)	0.80	0.84	0.82
Oikopleura spp. (n=70-train=761)	0.95	0.74	0.83
Harpacticoida- epibenthic (n=50-train=136)	0.28	0.18	0.22
Calanus spp. (n=25-train=213)	0.84	0.84	0.84
Chaetognatha (n=15-train=67)	0.92	0.73	0.81
Fritillaria spp. (n=7-train=3447)	0.06	0.71	0.11
Echinodermata (larvae) (n=5-train=276)	0.00	0.00	0.00
Obelia spp. (medusa) (n=1-train=43)	1.00	1.00	1.00
Polychaeta (larvae) (n=1-train=452)	0.00	0.00	0.00
Bryozoa (larvae) (n=0-train=119)	-	-	-
Calanoida (ci-ciii) (n=0-train=3713)	-	-	-
Cirripedia (larvae) (n=0-train=611)	-	-	-
Copepoda (nauplii) (n=0-train=1025)	-	-	-
Microcalanus spp. (n=0-train=80)	-	-	-
Euphausiacea (larvae) (n=0-train=75)	-	-	-
Euphausiacea (nauplii) (n=0-train=122)	-	-	-
macro avg (corr)	0.51	0.49	0.44
weighted avg	0.72	0.58	0.63
	precision	recall	f1-score



Predictions of discarded taxa from training



Relative Abundance of Top Taxonomic Instances per Sample

