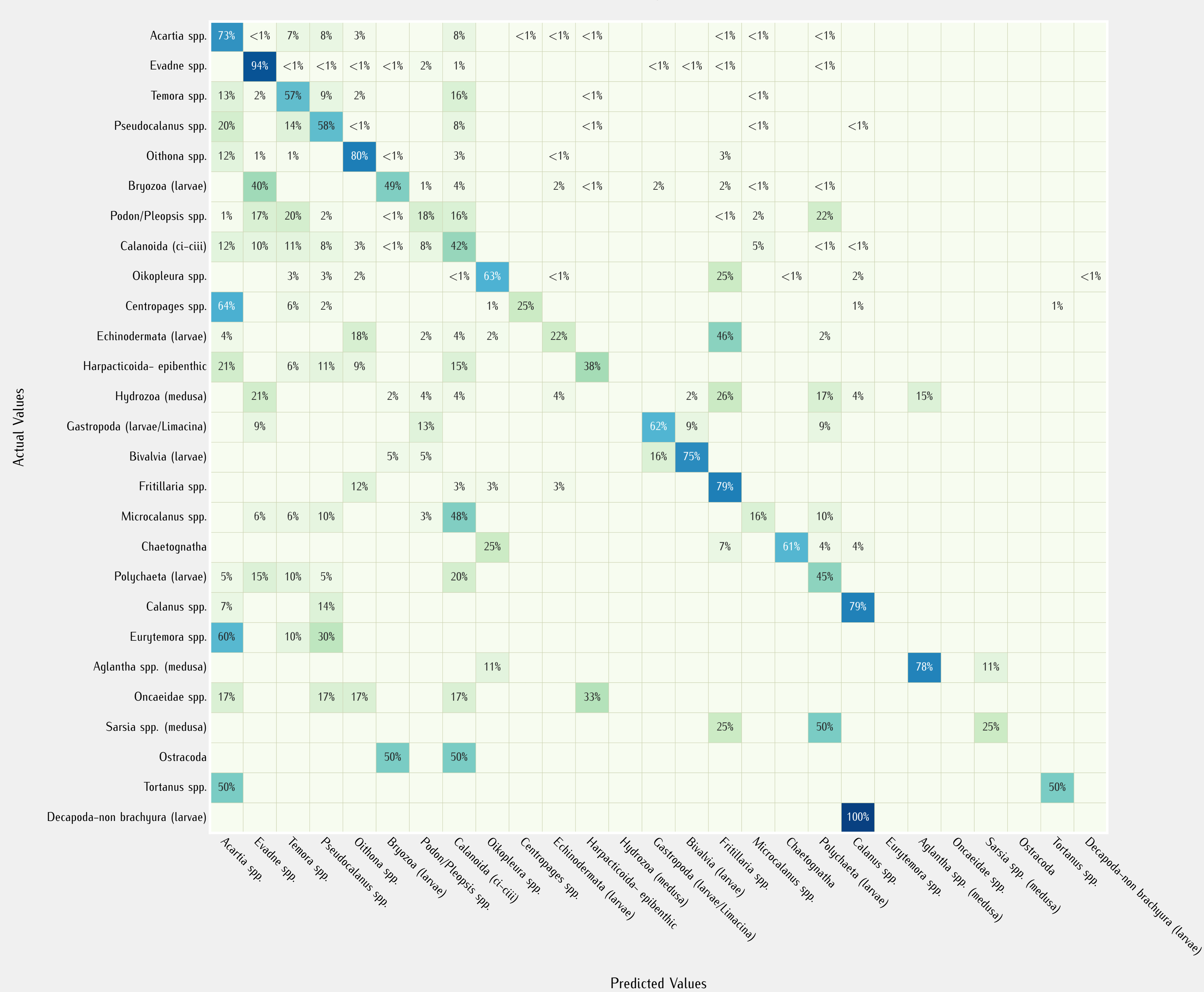


Use of SCN features: No
Max learning objects: 20000 objects/class
Strategy N° 1

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

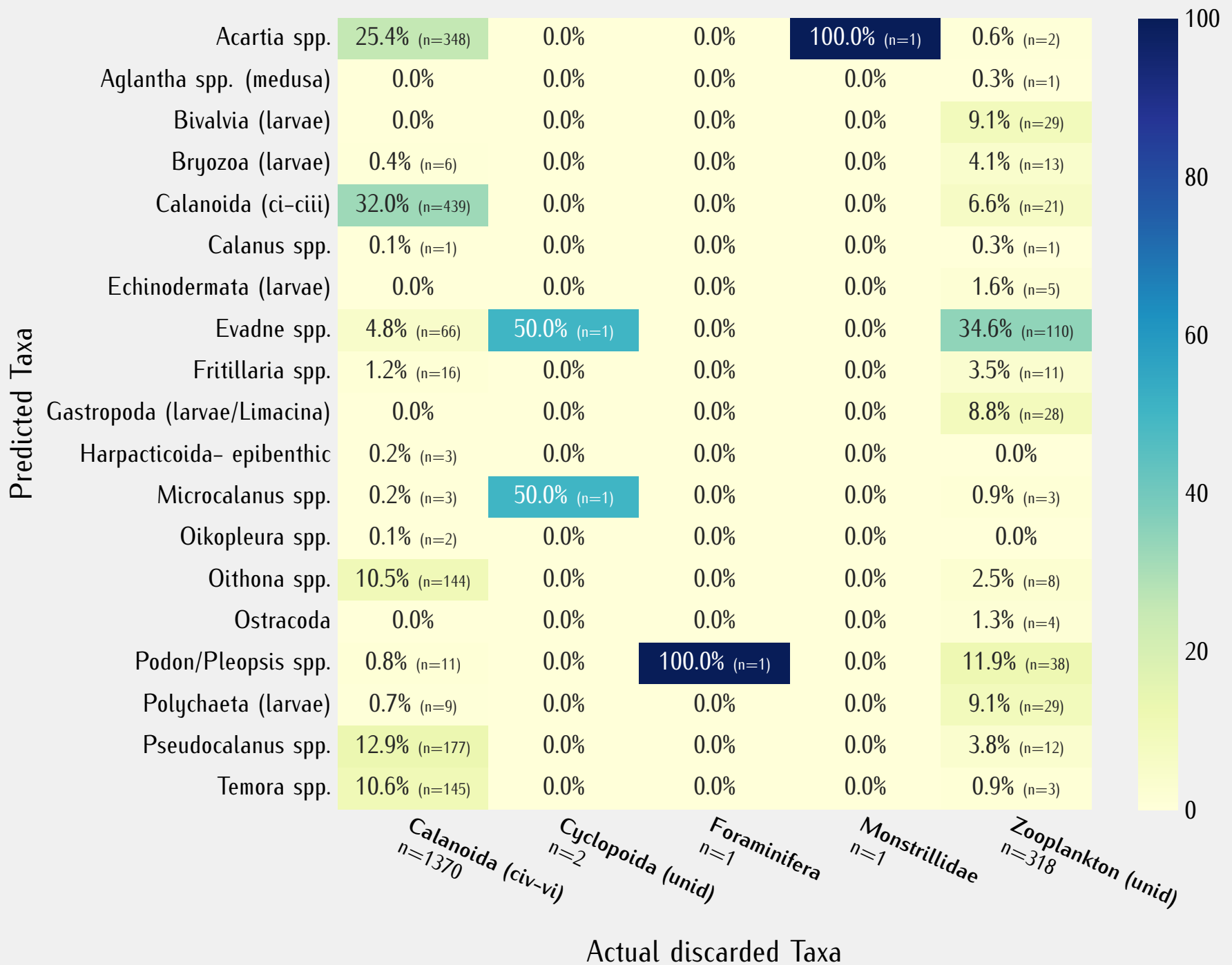
Confusion Matrix – In percent of Actual Value



Classification Report Matrix
max 20000 learning objects per class

	precision	recall	f1-score
Acartia spp. (n=2490-train=5448)	0.77	0.73	0.75
Evadne spp. (n=1931-train=2845)	0.90	0.94	0.92
Temora spp. (n=1416-train=5148)	0.67	0.57	0.62
Pseudocalanus spp. (n=1044-train=4552)	0.63	0.58	0.60
Oithona spp. (n=345-train=1409)	0.67	0.80	0.73
Bryozoa (larvae) (n=248-train=119)	0.92	0.49	0.64
Podon/Pleopsis spp. (n=230-train=201)	0.38	0.18	0.25
Calanoida (ci-ciui) (n=130-train=3713)	0.08	0.42	0.14
Oikopleura spp. (n=115-train=761)	0.87	0.63	0.73
Centropages spp. (n=88-train=40)	0.96	0.25	0.40
Echinodermata (larvae) (n=50-train=276)	0.48	0.22	0.30
Harpacticoida- epibenthic (n=47-train=136)	0.62	0.38	0.47
Hydrozoa (medusa) (n=47-train=21)	0.00	0.00	0.00
Gastropoda (larvae/Limacina) (n=47-train=110)	0.53	0.62	0.57
Bivalvia (larvae) (n=44-train=71)	0.75	0.75	0.75
Fritillaria spp. (n=34-train=3447)	0.22	0.79	0.35
Microcalanus spp. (n=31-train=80)	0.24	0.16	0.19
Chaetognatha (n=28-train=67)	0.94	0.61	0.74
Polychaeta (larvae) (n=20-train=452)	0.10	0.45	0.16
Calanus spp. (n=14-train=213)	0.52	0.79	0.63
Eurytemora spp. (n=10-train=88)	0.00	0.00	0.00
Aglantha spp. (medusa) (n=9-train=21)	0.50	0.78	0.61
Oncaeidae spp. (n=6-train=16)	0.00	0.00	0.00
Sarsia spp. (medusa) (n=4-train=4)	0.50	0.25	0.33
Ostracoda (n=2-train=6)	0.00	0.00	0.00
Tortanus spp. (n=2-train=4)	0.50	0.50	0.50
Decapoda-non brachyura (larvae) (n=1-train=7)	0.00	0.00	0.00
macro avg	0.47	0.44	0.42
weighted avg	0.73	0.69	0.70
	precision	recall	f1-score

Predictions of discarded taxa from training



Relative Abundance of Top Taxonomic Instances per Sample

