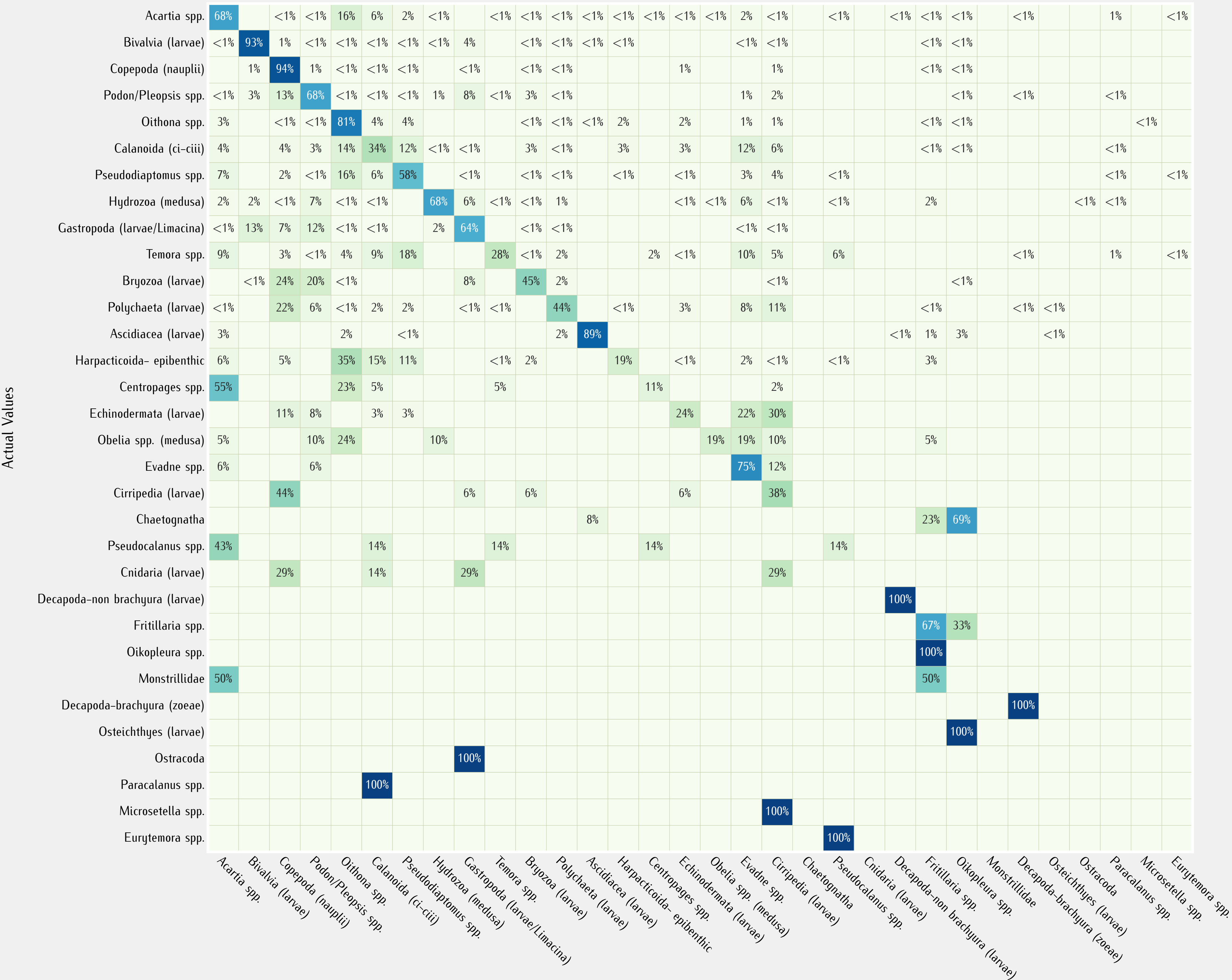


Use of SCN features: No  
Max learning objects: Maximum objects/class  
Strategy N° 5

Gulf Selected Samples prediction using all regions training set,  
Learning with all classes present in the selected samples, no extra training categories,  
No Calanoida, Cyclopoida, Zooplankton classes in learning set

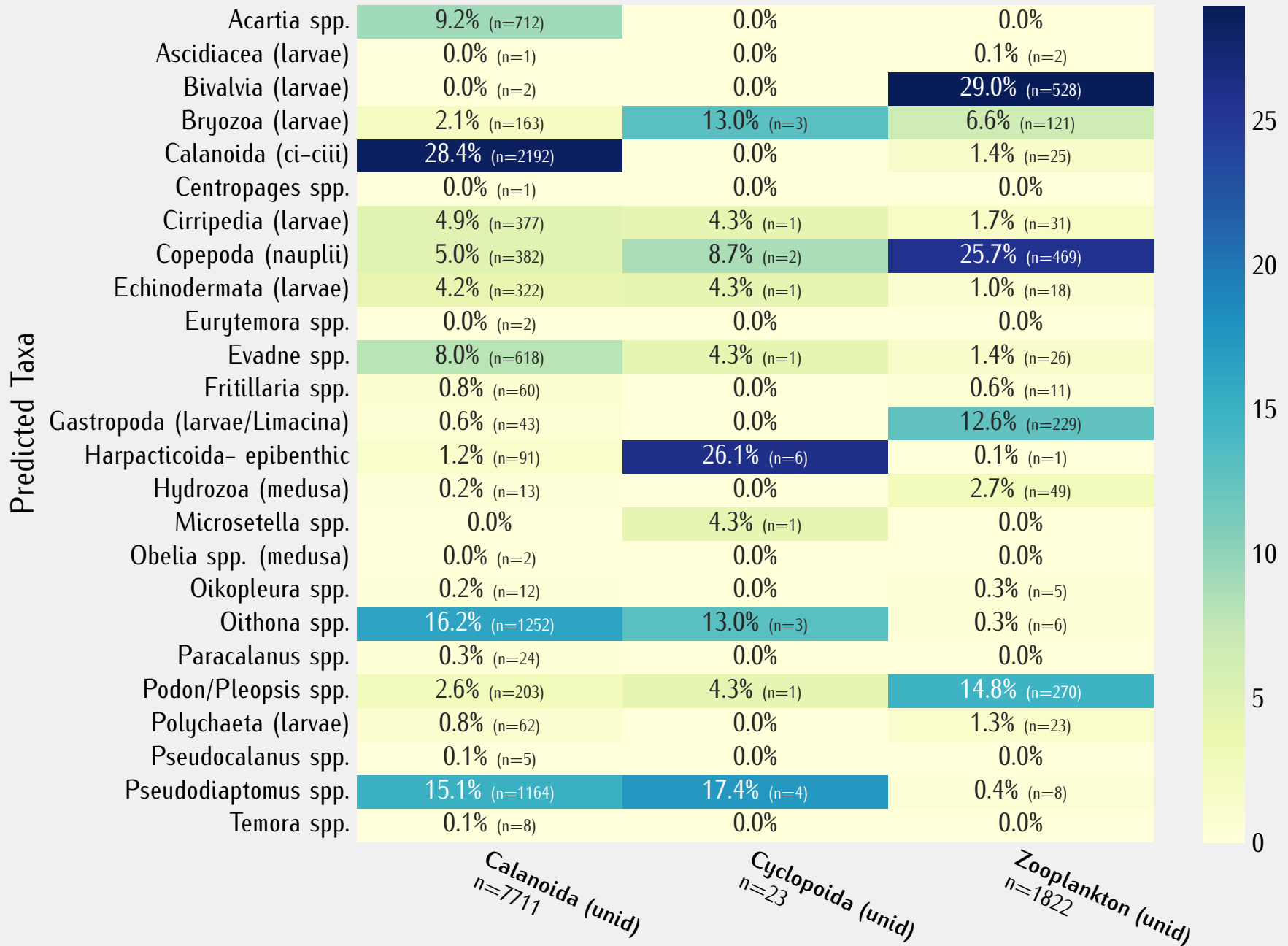
Confusion Matrix – In percent of Actual Value



Classification Report Matrix  
max available learning objects per class

	precision	recall	f1-score
Acartia spp. (n=18062-train=111319)	0.98	0.68	0.80
Bivalvia (larvae) (n=7955-train=3764)	0.97	0.93	0.95
Copepoda (nauplii) (n=2753-train=11555)	0.78	0.94	0.85
Podon/Pleopsis spp. (n=2715-train=7347)	0.83	0.68	0.75
Oithona spp. (n=2572-train=5881)	0.38	0.81	0.52
Calanoida (ci-ciii) (n=1348-train=5557)	0.26	0.34	0.29
Pseudodiaptomus spp. (n=1059-train=2113)	0.44	0.58	0.50
Hydrozoa (medusa) (n=671-train=4052)	0.83	0.68	0.75
Gastropoda (larvae/Limacina) (n=629-train=3272)	0.41	0.64	0.50
Temora spp. (n=308-train=7347)	0.41	0.28	0.33
Bryozoa (larvae) (n=247-train=1142)	0.37	0.45	0.40
Polychaeta (larvae) (n=237-train=1577)	0.60	0.44	0.51
Ascidacea (larvae) (n=194-train=861)	0.96	0.89	0.93
Harpacticoida- epibenthic (n=108-train=555)	0.12	0.19	0.15
Centropages spp. (n=44-train=3620)	0.06	0.11	0.08
Echinodermata (larvae) (n=37-train=3043)	0.03	0.24	0.06
Obelia spp. (medusa) (n=21-train=1003)	0.25	0.19	0.22
Evadne spp. (n=16-train=11064)	0.02	0.75	0.03
Cirripedia (larvae) (n=16-train=7685)	0.01	0.38	0.03
Chaetognatha (n=13-train=89)	0.00	0.00	0.00
Pseudocalanus spp. (n=7-train=4845)	0.01	0.14	0.02
Cnidaria (larvae) (n=7-train=25)	0.00	0.00	0.00
Decapoda-non brachyura (larvae) (n=4-train=423)	0.67	1.00	0.80
Fritillaria spp. (n=3-train=6992)	0.02	0.67	0.04
Oikopleura spp. (n=2-train=5305)	0.00	0.00	0.00
Monstrillidae (n=2-train=27)	0.00	0.00	0.00
Decapoda-brachyura (zoeae) (n=1-train=628)	0.11	1.00	0.20
Osteichthyes (larvae) (n=1-train=45)	0.00	0.00	0.00
Ostracoda (n=1-train=25)	0.00	0.00	0.00
Paracalanus spp. (n=1-train=1619)	0.00	0.00	0.00
Microsetella spp. (n=1-train=4)	0.00	0.00	0.00
Eurytemora spp. (n=1-train=1818)	0.00	0.00	0.00
macro avg	0.30	0.41	0.30
weighted avg	0.84	0.74	0.77
	precision	recall	f1-score

# Predictions of discarded taxa from training



Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample

