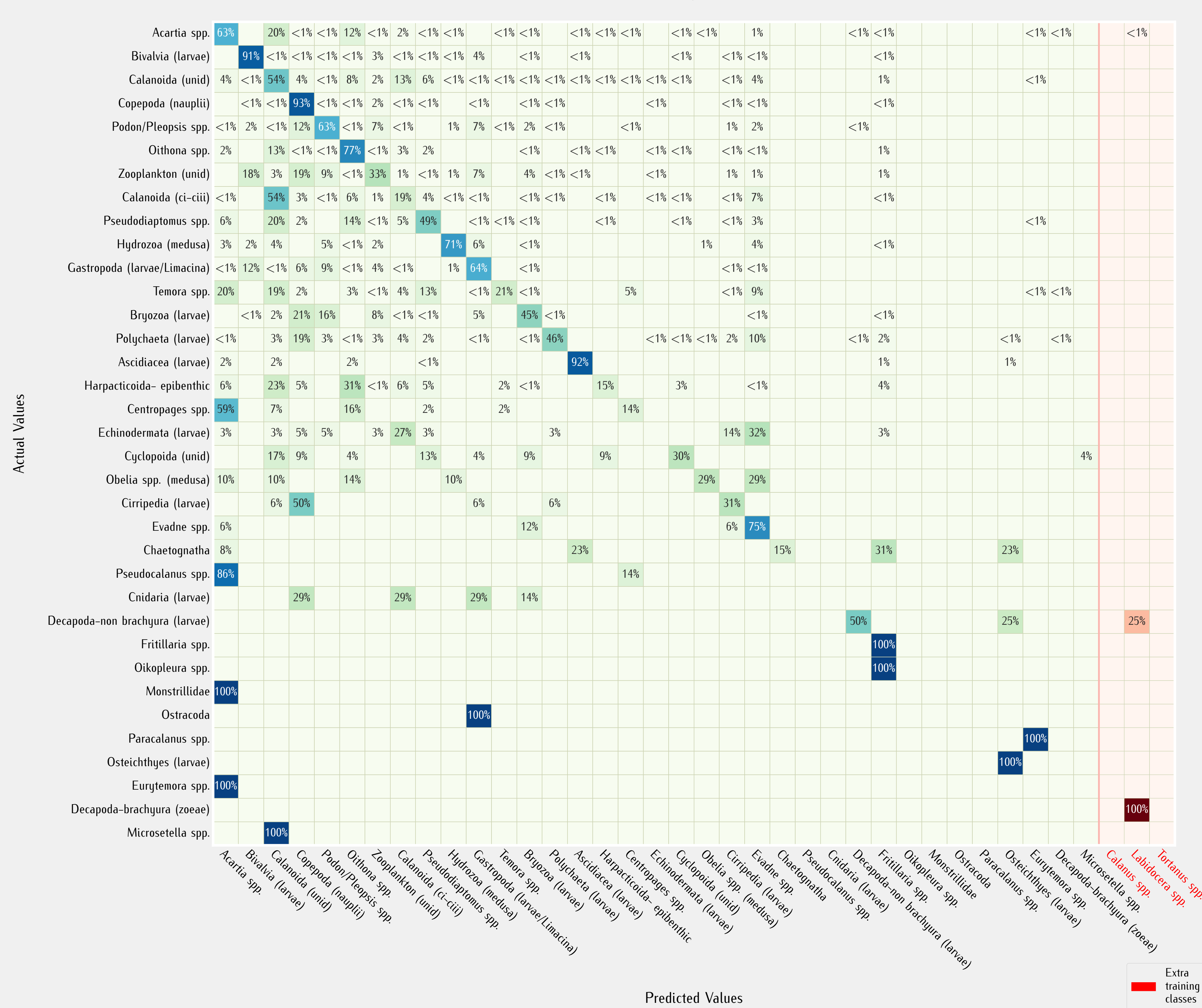


Use of SCN features: No  
Max learning objects: Maximum objects/class  
Strategy N° 11

Gulf Selected Samples prediction using Gulf training set,  
Learning with all classes present in the selected samples, with extra training categories,  
With Calanoida, Cyclopoida and Zooplankton classes in learning set

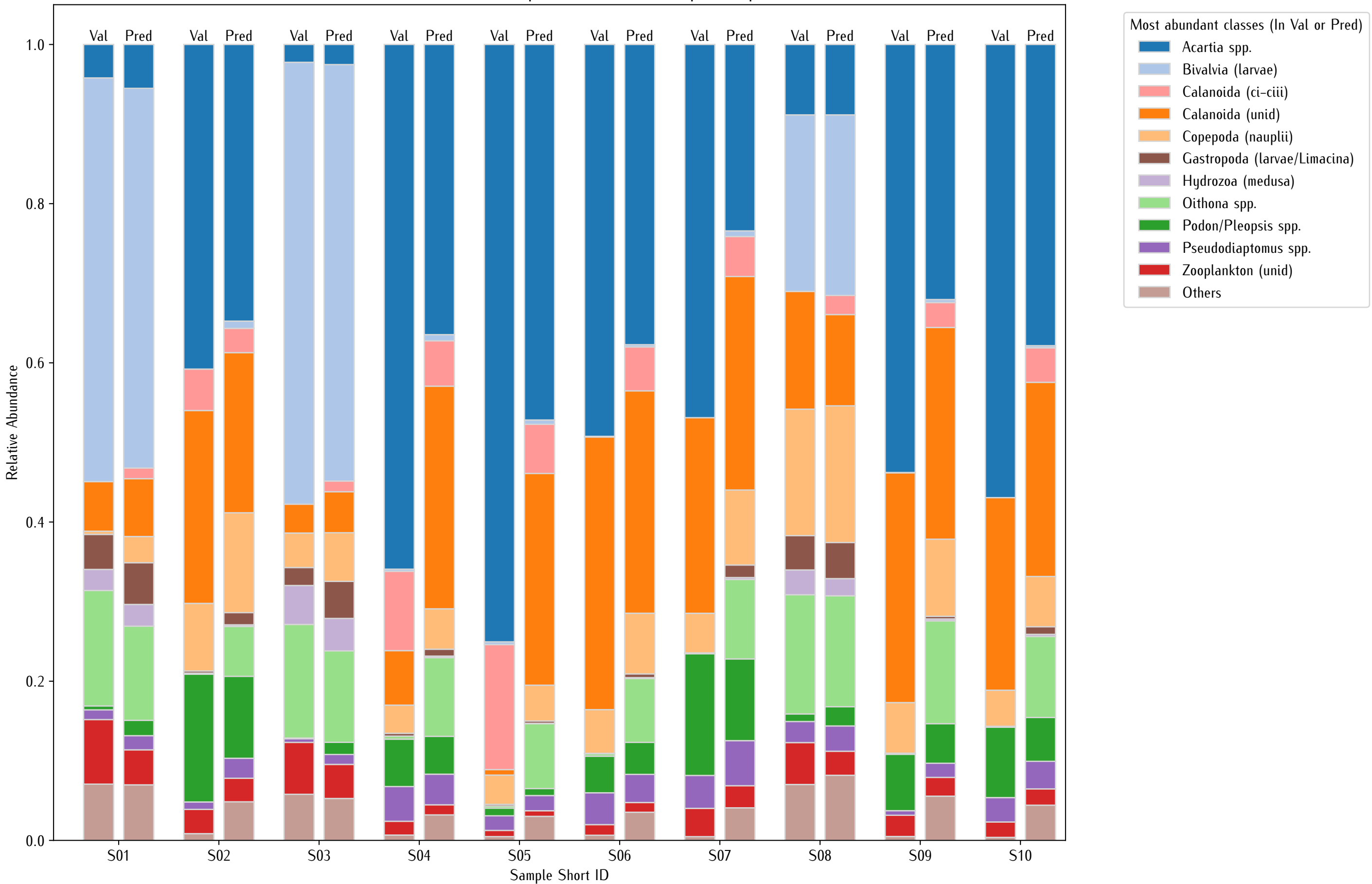
### Confusion Matrix – In percent of Actual Value



Classification Report Matrix  
max available learning objects per class

	precision	recall	f1-score
Acartia spp. (n=18062-train=101461)	0.95	0.63	0.76
Bivalvia (larvae) (n=7955-train=3574)	0.94	0.91	0.92
Calanoida (unid) (n=7711-train=23505)	0.44	0.54	0.49
Copepoda (nauplii) (n=2753-train=10297)	0.66	0.93	0.77
Podon/Pleopsis spp. (n=2715-train=3541)	0.80	0.63	0.71
Oithona spp. (n=2572-train=4428)	0.39	0.77	0.52
Zooplankton (unid) (n=1822-train=4715)	0.46	0.33	0.38
Calanoida (ci-ciii) (n=1348-train=1531)	0.14	0.19	0.16
Pseudodiaptomus spp. (n=1059-train=2113)	0.39	0.49	0.43
Hydrozoa (medusa) (n=671-train=3730)	0.77	0.71	0.74
Gastropoda (larvae/Limacina) (n=629-train=2871)	0.37	0.64	0.47
Temora spp. (n=308-train=2199)	0.57	0.21	0.31
Bryozoa (larvae) (n=247-train=973)	0.31	0.45	0.37
Polychaeta (larvae) (n=237-train=464)	0.69	0.46	0.55
Ascidacea (larvae) (n=194-train=805)	0.95	0.92	0.93
Harpacticoida- epibenthic (n=108-train=372)	0.15	0.15	0.15
Centropages spp. (n=44-train=3461)	0.05	0.14	0.07
Echinodermata (larvae) (n=37-train=118)	0.00	0.00	0.00
Cyclopoida (unid) (n=23-train=64)	0.12	0.30	0.17
Obelia spp. (medusa) (n=21-train=952)	0.27	0.29	0.28
Cirripedia (larvae) (n=16-train=716)	0.03	0.31	0.06
Evadne spp. (n=16-train=7238)	0.01	0.75	0.03
Chaetognatha (n=13-train=18)	1.00	0.15	0.27
Pseudocalanus spp. (n=7-train=228)	0.00	0.00	0.00
Cnidaria (larvae) (n=7-train=20)	0.00	0.00	0.00
Decapoda-non brachyura (larvae) (n=4-train=197)	0.22	0.50	0.31
Fritillaria spp. (n=3-train=2701)	0.01	1.00	0.03
Oikopleura spp. (n=2-train=37)	0.00	0.00	0.00
Monstrillidae (n=2-train=27)	0.00	0.00	0.00
Ostracoda (n=1-train=1)	0.00	0.00	0.00
Paracalanus spp. (n=1-train=82)	0.00	0.00	0.00
Osteichthyes (larvae) (n=1-train=43)	0.11	1.00	0.20
Eurytemora spp. (n=1-train=1730)	0.00	0.00	0.00
Decapoda-brachyura (zoeae) (n=1-train=277)	0.00	0.00	0.00
Microsetella spp. (n=1-train=4)	0.00	0.00	0.00
Calanus spp. (n=0-train=109)	-	-	-
Labidocera spp. (n=0-train=493)	-	-	-
Tortanus spp. (n=0-train=111)	-	-	-
macro avg (corr)	0.31	0.38	0.29
weighted avg	0.74	0.65	0.68
	precision	recall	f1-score

Relative Abundance of Top Taxonomic Instances per Sample



Relative Abundance of Top Taxonomic Instances per Sample (Redistributed)

