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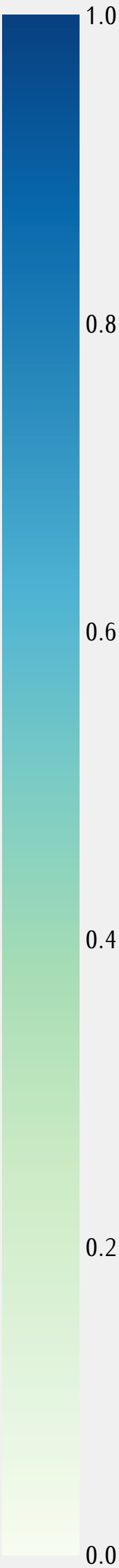No Calanoida, Cyclopoida, Zooplankton classes in learning set

Use of SCN features: Yes
Max learning objects: 200 objects/class
Strategy N° 5

Confusion Matrix - In percent of Actual Value

Classification Report Matrix
max 200 learning objects per class

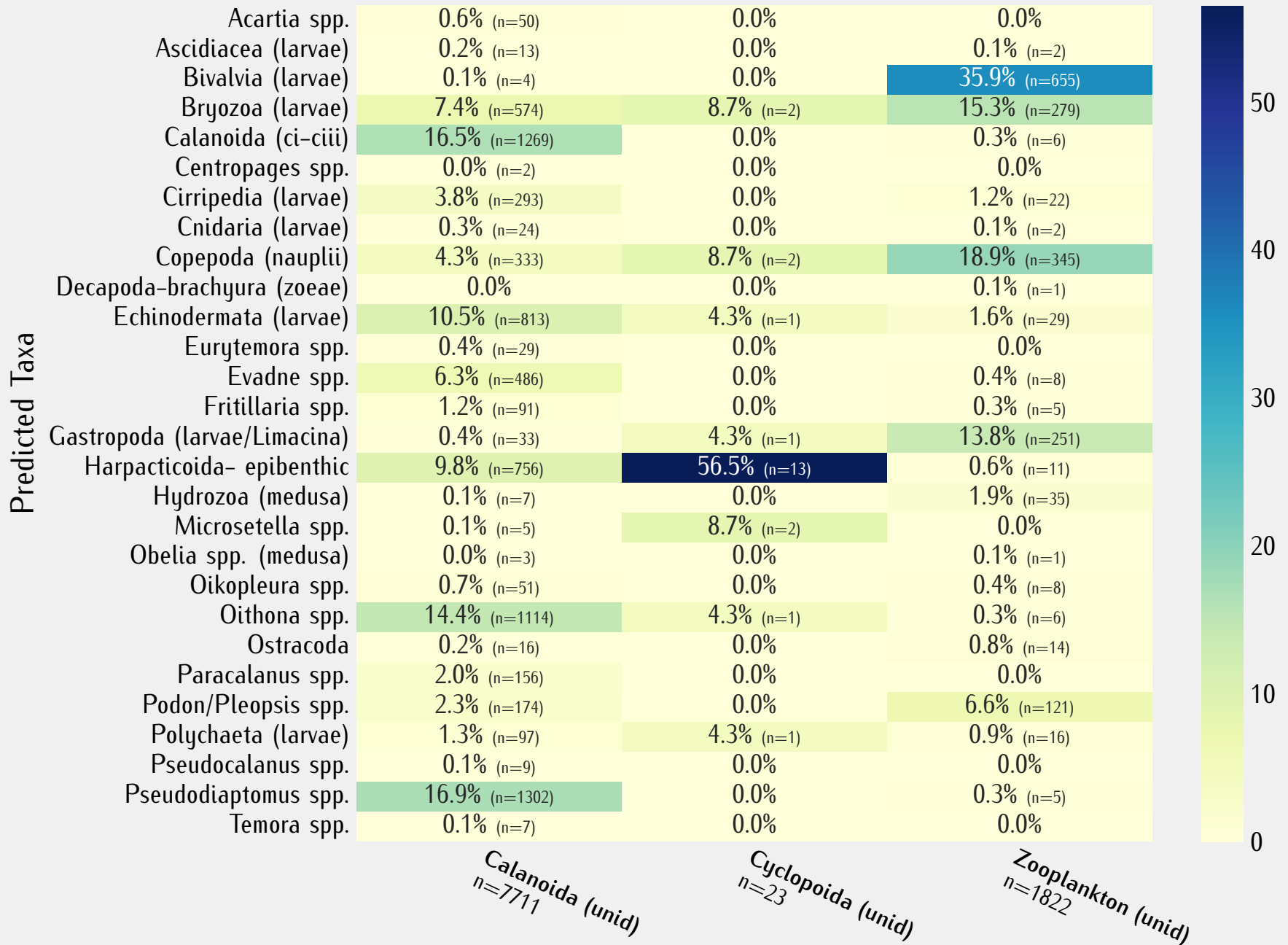# Predictions of discarded taxa from training

Predicted Taxa	Calanoida (unid) n=7711	Cyclopoida (unid) n=23	Zooplankton (unid) n=1822
Acartia spp.	0.6% (n=50)	0.0%	0.0%
Ascidiacea (larvae)	0.2% (n=13)	0.0%	0.1% (n=2)
Bivalvia (larvae)	0.1% (n=4)	0.0%	35.9% (n=655)
Bryozoa (larvae)	7.4% (n=574)	8.7% (n=2)	15.3% (n=279)
Calanoida (ci-ciii)	16.5% (n=1269)	0.0%	0.3% (n=6)
Centropages spp.	0.0% (n=2)	0.0%	0.0%
Cirripedia (larvae)	3.8% (n=293)	0.0%	1.2% (n=22)
Cnidaria (larvae)	0.3% (n=24)	0.0%	0.1% (n=2)
Copepoda (nauplii)	4.3% (n=333)	8.7% (n=2)	18.9% (n=345)
Decapoda-brachyura (zoeae)	0.0%	0.0%	0.1% (n=1)
Echinodermata (larvae)	10.5% (n=813)	4.3% (n=1)	1.6% (n=29)
Eurytemora spp.	0.4% (n=29)	0.0%	0.0%
Evadne spp.	6.3% (n=486)	0.0%	0.4% (n=8)
Fritillaria spp.	1.2% (n=91)	0.0%	0.3% (n=5)
Gastropoda (larvae/Limacina)	0.4% (n=33)	4.3% (n=1)	13.8% (n=251)
Harpacticoida- epibenthic	9.8% (n=756)	56.5% (n=13)	0.6% (n=11)
Hydrozoa (medusa)	0.1% (n=7)	0.0%	1.9% (n=35)
Microsetella spp.	0.1% (n=5)	8.7% (n=2)	0.0%
Obelia spp. (medusa)	0.0% (n=3)	0.0%	0.1% (n=1)
Oikopleura spp.	0.7% (n=51)	0.0%	0.4% (n=8)
Oithona spp.	14.4% (n=1114)	4.3% (n=1)	0.3% (n=6)
Ostracoda	0.2% (n=16)	0.0%	0.8% (n=14)
Paracalanus spp.	2.0% (n=156)	0.0%	0.0%
Podon/Pleopsis spp.	2.3% (n=174)	0.0%	6.6% (n=121)
Polychaeta (larvae)	1.3% (n=97)	4.3% (n=1)	0.9% (n=16)
Pseudocalanus spp.	0.1% (n=9)	0.0%	0.0%
Pseudodiaptomus spp.	16.9% (n=1302)	0.0%	0.3% (n=5)
Temora spp.	0.1% (n=7)	0.0%	0.0%

Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample

Most abundant classes (In Val or Pred)
- Acartia spp.
- Bivalvia (larvae)
- Calanoida (ci–ciii)
- Calanoida (unid)
- Copepoda (nauplii)
- Gastropoda (larvae/Limacina)
- Hydrozoa (medusa)
- Oithona spp.
- Podon/Pleopsis spp.
- Pseudodiaptomus spp.
- Zooplankton (unid)
- Others