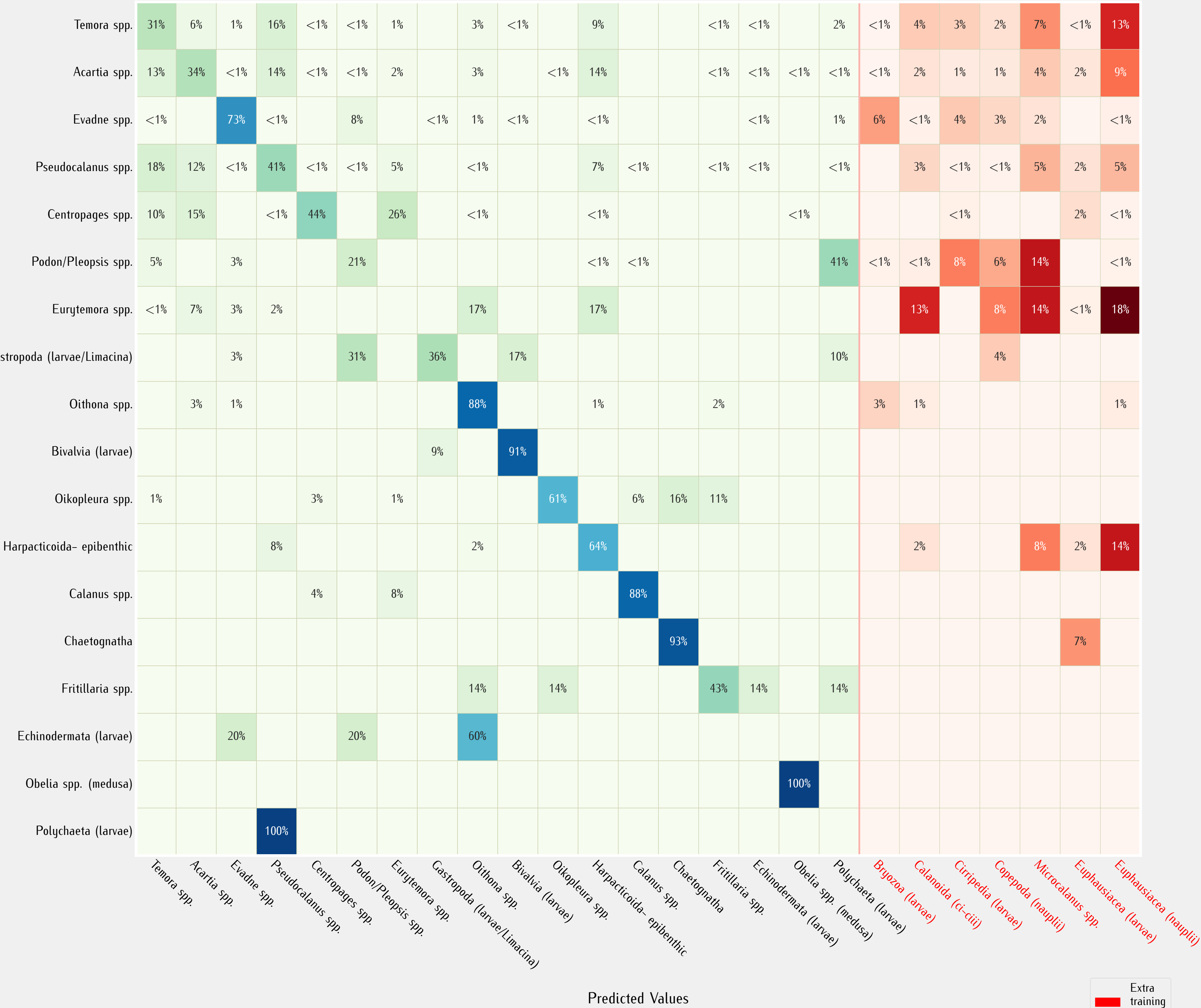NL 2020 Selected Samples prediction using NL 2020 training set,
Learning with selected samples classes with no low regional training instances, with extra training categories,
No Anthoathecata, Calanoida, Copepoda, Zooplankton classes in learning set

Use of SCN features: No
Max learning objects: 200 objects/class
Strategy N° 4

Confusion Matrix – In percent of Actual Value

Classification Report Matrix
max 200 learning objects per class

Predictions of discarded taxa from training
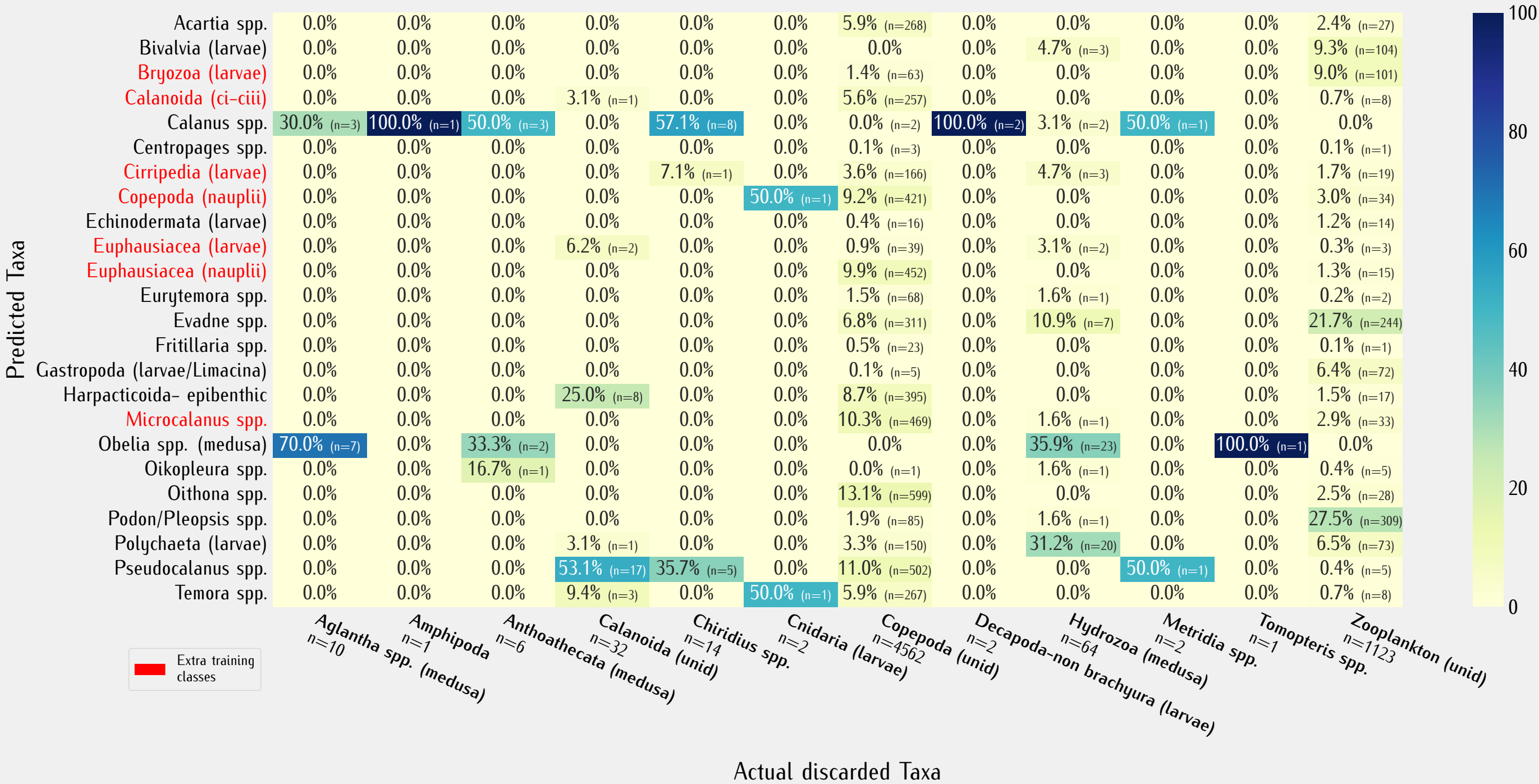

Predicted Taxa	Aglantha spp. (medusa) n=10	Amphipoda n=1	Anthoathecata (medusa) n=6	Calanoida (unid) n=32	Chiridius spp. n=14	Cnidaria (larvae) n=2	Copepoda (unid) n=4562	Decapoda-non brachyura (larvae) n=2	Hydrozoa (medusa) n=64	Metridia spp. n=2	Tomopteris spp. n=1	Zooplankton (unid) n=1123
Acartia spp.	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9% (n=268)	0.0%	0.0%	0.0%	0.0%	2.4% (n=27)
Bivalvia (larvae)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.7% (n=3)	0.0%	0.0%	9.3% (n=104)
Bryozoa (larvae)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4% (n=63)	0.0%	0.0%	0.0%	0.0%	9.0% (n=101)
Calanoida (ci-ciii)	0.0%	0.0%	0.0%	3.1% (n=1)	0.0%	0.0%	5.6% (n=257)	0.0%	0.0%	0.0%	0.0%	0.7% (n=8)
Calanus spp.	30.0% (n=3)	100.0% (n=1)	50.0% (n=3)	0.0%	57.1% (n=8)	0.0%	0.0% (n=2)	100.0% (n=2)	3.1% (n=2)	50.0% (n=1)	0.0%	0.0%
Centropages spp.	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1% (n=3)	0.0%	0.0%	0.0%	0.0%	0.1% (n=1)
Cirripedia (larvae)	0.0%	0.0%	0.0%	0.0%	7.1% (n=1)	0.0%	3.6% (n=166)	0.0%	4.7% (n=3)	0.0%	0.0%	1.7% (n=19)
Copepoda (nauplii)	0.0%	0.0%	0.0%	0.0%	0.0%	50.0% (n=1)	9.2% (n=421)	0.0%	0.0%	0.0%	0.0%	3.0% (n=34)
Echinodermata (larvae)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4% (n=16)	0.0%	0.0%	0.0%	0.0%	1.2% (n=14)
Euphausiacea (larvae)	0.0%	0.0%	0.0%	6.2% (n=2)	0.0%	0.0%	0.9% (n=39)	0.0%	3.1% (n=2)	0.0%	0.0%	0.3% (n=3)
Euphausiacea (nauplii)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.9% (n=452)	0.0%	0.0%	0.0%	0.0%	1.3% (n=15)
Eurytemora spp.	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5% (n=68)	0.0%	1.6% (n=1)	0.0%	0.0%	0.2% (n=2)
Evadne spp.	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.8% (n=311)	0.0%	10.9% (n=7)	0.0%	0.0%	21.7% (n=244)
Fritillaria spp.	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5% (n=23)	0.0%	0.0%	0.0%	0.0%	0.1% (n=1)
Gastropoda (larvae/Limacina)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1% (n=5)	0.0%	0.0%	0.0%	0.0%	6.4% (n=72)
Harpacticoida- epibenthic	0.0%	0.0%	0.0%	25.0% (n=8)	0.0%	0.0%	8.7% (n=395)	0.0%	0.0%	0.0%	0.0%	1.5% (n=17)
Microcalanus spp.	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10.3% (n=469)	0.0%	1.6% (n=1)	0.0%	0.0%	2.9% (n=33)
Obelia spp. (medusa)	70.0% (n=7)	0.0%	33.3% (n=2)	0.0%	0.0%	0.0%	0.0%	0.0%	35.9% (n=23)	0.0%	100.0% (n=1)	0.0%
Oikopleura spp.	0.0%	0.0%	16.7% (n=1)	0.0%	0.0%	0.0%	0.0% (n=1)	0.0%	1.6% (n=1)	0.0%	0.0%	0.4% (n=5)
Oithona spp.	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	13.1% (n=599)	0.0%	0.0%	0.0%	0.0%	2.5% (n=28)
Podon/Pleopsis spp.	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9% (n=85)	0.0%	1.6% (n=1)	0.0%	0.0%	27.5% (n=309)
Polychaeta (larvae)	0.0%	0.0%	0.0%	3.1% (n=1)	0.0%	0.0%	3.3% (n=150)	0.0%	31.2% (n=20)	0.0%	0.0%	6.5% (n=73)
Pseudocalanus spp.	0.0%	0.0%	0.0%	53.1% (n=17)	35.7% (n=5)	0.0%	11.0% (n=502)	0.0%	0.0%	50.0% (n=1)	0.0%	0.4% (n=5)
Temora spp.	0.0%	0.0%	0.0%	9.4% (n=3)	0.0%	50.0% (n=1)	5.9% (n=267)	0.0%	0.0%	0.0%	0.0%	0.7% (n=8)

Extra training classes

Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample