NL 2021 Selected Samples prediction using NL 2021 training set,
Learning with selected samples classes with no low regional training instances, with extra training categories,
No Calanoida (civ–vi), Cyclopoida, Zooplankton classes in learning set

Use of SCN features: No
Max learning objects: 5000 objects/class
Strategy N° 4

Confusion Matrix – In percent of Actual Value

Classification Report Matrix
max 5000 learning objects per class

Predictions of discarded taxa from training
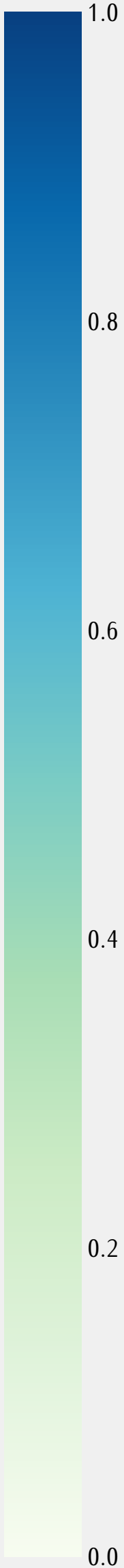
Extra training classes (shown in red): Cirripedia (larvae), Copepoda (nauplii), Euphausiacea (nauplii), Obelia spp. (medusa)

Predicted Taxa \ Actual discarded Taxa	Aglantha spp. (medusa) n=9	Calanoida (civ-vi) n=1370	Cyclopoida n=2	Decapoda-non brachyura (larvae) n=1	Foraminifera n=1	Hydrozoa (medusa) n=47	Monstrillidae n=1	Oncaeidae spp. n=6	Ostracoda n=2	Sarsia spp. (medusa) n=4	Tortanus spp. n=2	Zooplankton (unid) n=318
Acartia spp.	0.0%	23.7% (n=325)	0.0%	0.0%	0.0%	0.0%	100.0% (n=1)	16.7% (n=1)	0.0%	0.0%	50.0% (n=1)	0.9% (n=3)
Bivalvia (larvae)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.7% (n=31)
Bryozoa (larvae)	0.0%	0.2% (n=3)	0.0%	0.0%	0.0%	2.1% (n=1)	0.0%	0.0%	50.0% (n=1)	0.0%	0.0%	4.7% (n=15)
Calanoida (ci-ciii)	0.0%	26.4% (n=361)	0.0%	0.0%	0.0%	2.1% (n=1)	0.0%	16.7% (n=1)	0.0%	0.0%	0.0%	4.4% (n=14)
Calanus spp.	0.0%	0.1% (n=1)	0.0%	100.0% (n=1)	0.0%	2.1% (n=1)	0.0%	0.0%	0.0%	25.0% (n=1)	50.0% (n=1)	0.6% (n=2)
Cirripedia (larvae)	0.0%	2.3% (n=31)	0.0%	0.0%	0.0%	12.8% (n=6)	0.0%	0.0%	0.0%	25.0% (n=1)	0.0%	1.9% (n=6)
Copepoda (nauplii)	0.0%	6.6% (n=91)	0.0%	0.0%	0.0%	2.1% (n=1)	0.0%	0.0%	50.0% (n=1)	0.0%	0.0%	7.2% (n=23)
Echinodermata (larvae)	0.0%	0.0%	0.0%	0.0%	0.0%	2.1% (n=1)	0.0%	0.0%	0.0%	0.0%	0.0%	0.9% (n=3)
Euphausiacea (nauplii)	0.0%	0.4% (n=5)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3% (n=1)
Evadne spp.	0.0%	4.0% (n=55)	50.0% (n=1)	0.0%	0.0%	25.5% (n=12)	0.0%	0.0%	0.0%	0.0%	0.0%	31.4% (n=100)
Fritillaria spp.	0.0%	1.5% (n=20)	0.0%	0.0%	0.0%	19.1% (n=9)	0.0%	0.0%	0.0%	25.0% (n=1)	0.0%	3.1% (n=10)
Gastropoda (larvae/Limacina)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.2% (n=26)
Harpacticoida- epibenthic	0.0%	0.6% (n=8)	0.0%	0.0%	0.0%	0.0%	0.0%	33.3% (n=2)	0.0%	0.0%	0.0%	0.0%
Microcalanus spp.	0.0%	0.1% (n=2)	50.0% (n=1)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3% (n=1)
Obelia spp. (medusa)	77.8% (n=7)	0.0%	0.0%	0.0%	0.0%	23.4% (n=11)	0.0%	0.0%	0.0%	25.0% (n=1)	0.0%	0.0%
Oikopleura spp.	11.1% (n=1)	0.1% (n=1)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Oithona spp.	0.0%	11.2% (n=153)	0.0%	0.0%	0.0%	0.0%	0.0%	16.7% (n=1)	0.0%	0.0%	0.0%	2.5% (n=8)
Podon/Pleopsis spp.	0.0%	0.4% (n=5)	0.0%	0.0%	100.0% (n=1)	4.3% (n=2)	0.0%	0.0%	0.0%	0.0%	0.0%	11.6% (n=37)
Polychaeta (larvae)	11.1% (n=1)	0.5% (n=7)	0.0%	0.0%	0.0%	4.3% (n=2)	0.0%	0.0%	0.0%	0.0%	0.0%	7.9% (n=25)
Pseudocalanus spp.	0.0%	12.5% (n=171)	0.0%	0.0%	0.0%	0.0%	0.0%	16.7% (n=1)	0.0%	0.0%	0.0%	3.5% (n=11)
Temora spp.	0.0%	9.6% (n=131)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6% (n=2)

Relative Abundance of Top Taxonomic Instances per Sample