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

Use of SCN features: No
Max learning objects: Maximum objects/class
Strategy N° 6

Confusion Matrix – In percent of Actual Value

Classification Report Matrix
max available learning objects per class

|	precision	recall	f1-score
Acartia spp. (n=2490–train=111319)	0.66	0.94	0.78
Evadne spp. (n=1931–train=11064)	0.92	0.88	0.90
Temora spp. (n=1416–train=7347)	0.76	0.50	0.60
Pseudocalanus spp. (n=1044–train=4845)	0.81	0.40	0.54
Oithona spp. (n=345–train=5881)	0.83	0.70	0.76
Bryozoa (larvae) (n=248–train=1142)	0.93	0.56	0.70
Podon/Pleopsis spp. (n=230–train=7347)	0.36	0.27	0.31
Calanoida (ci–ciii) (n=130–train=5557)	0.14	0.12	0.13
Oikopleura spp. (n=115–train=5305)	0.76	0.76	0.76
Centropages spp. (n=88–train=3620)	0.45	0.67	0.54
Echinodermata (larvae) (n=50–train=3043)	0.55	0.12	0.20
Gastropoda (larvae/Limacina) (n=47–train=3272)	0.46	0.64	0.54
Hydrozoa (medusa) (n=47–train=4052)	0.12	0.30	0.17
Harpacticoida– epibenthic (n=47–train=555)	0.33	0.04	0.08
Bivalvia (larvae) (n=44–train=3764)	0.80	0.73	0.76
Fritillaria spp. (n=34–train=6992)	0.28	0.56	0.37
Microcalanus spp. (n=31–train=80)	0.50	0.10	0.16
Chaetognatha (n=28–train=89)	0.89	0.61	0.72
Polychaeta (larvae) (n=20–train=1577)	0.17	0.40	0.24
Calanus spp. (n=14–train=359)	0.69	0.79	0.73
Eurytemora spp. (n=10–train=1818)	0.00	0.00	0.00
Aglantha spp. (medusa) (n=9–train=22)	0.50	0.33	0.40
Oncaeidae spp. (n=6–train=18)	0.00	0.00	0.00
Sarsia spp. (medusa) (n=4–train=4)	0.50	0.25	0.33
Ostracoda (n=2–train=25)	0.00	0.00	0.00
Tortanus spp. (n=2–train=203)	0.20	0.50	0.29
Monstrillidae (n=1–train=27)	0.00	0.00	0.00
Decapoda–non brachyura (larvae) (n=1–train=423)	0.00	0.00	0.00
Cirripedia (larvae) (n=0–train=7685)	–	–	–
Copepoda (nauplii) (n=0–train=11555)	–	–	–
Obelia spp. (medusa) (n=0–train=1003)	–	–	–
Euphausiacea (larvae) (n=0–train=87)	–	–	–
Euphausiacea (nauplii) (n=0–train=145)	–	–	–
macro avg (corr)	0.45	0.40	0.39
weighted avg	0.74	0.70	0.70
	precision	recall	f1-score
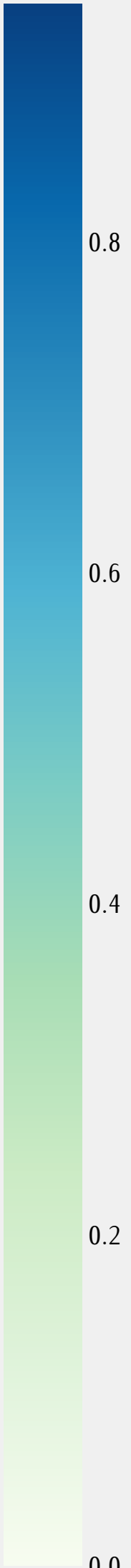
Predictions of discarded taxa from training
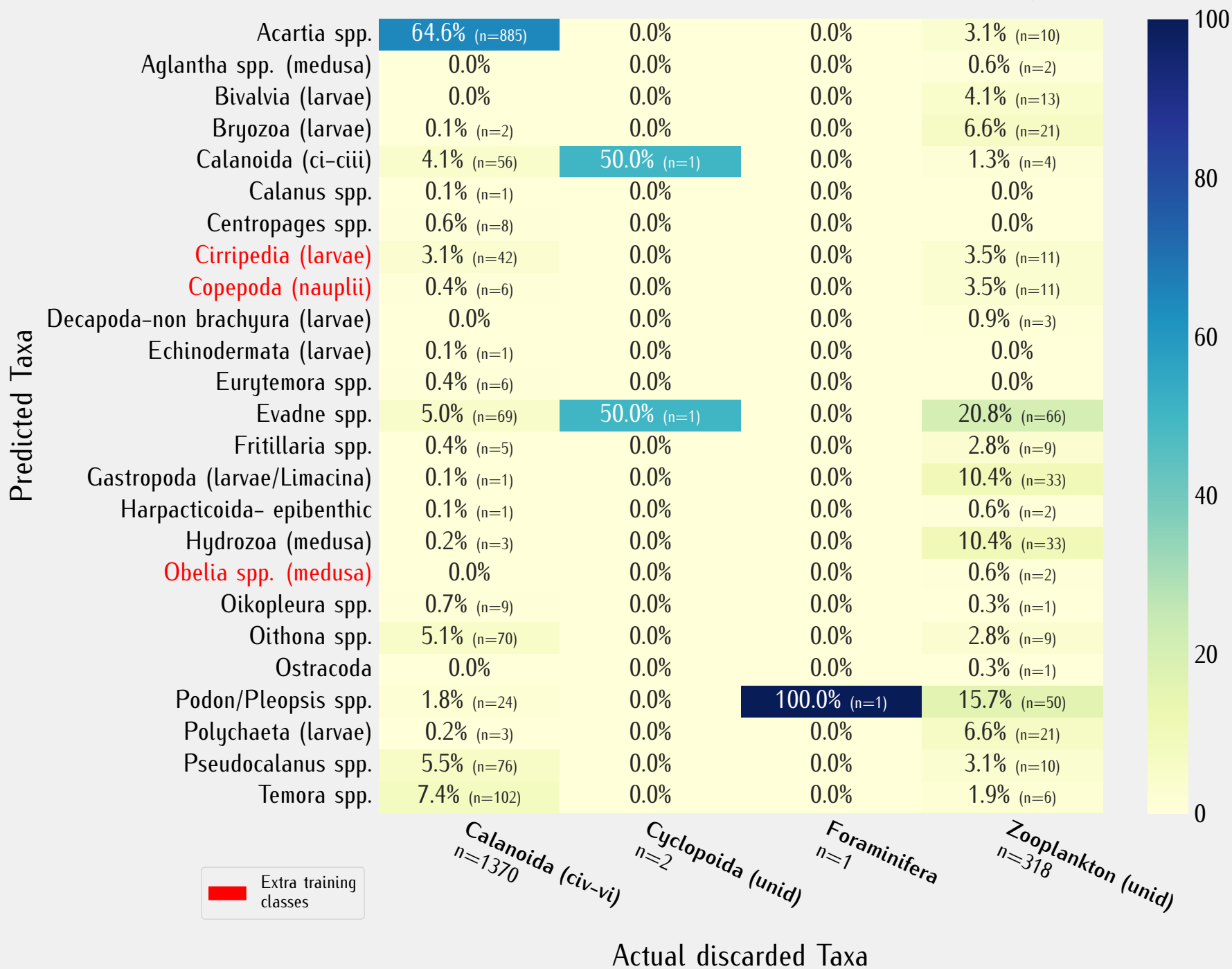
Relative Abundance of Top Taxonomic Instances per Sample