

Use of SCN features: Yes
Max learning objects: 20000 objects/class
Strategy N° 1

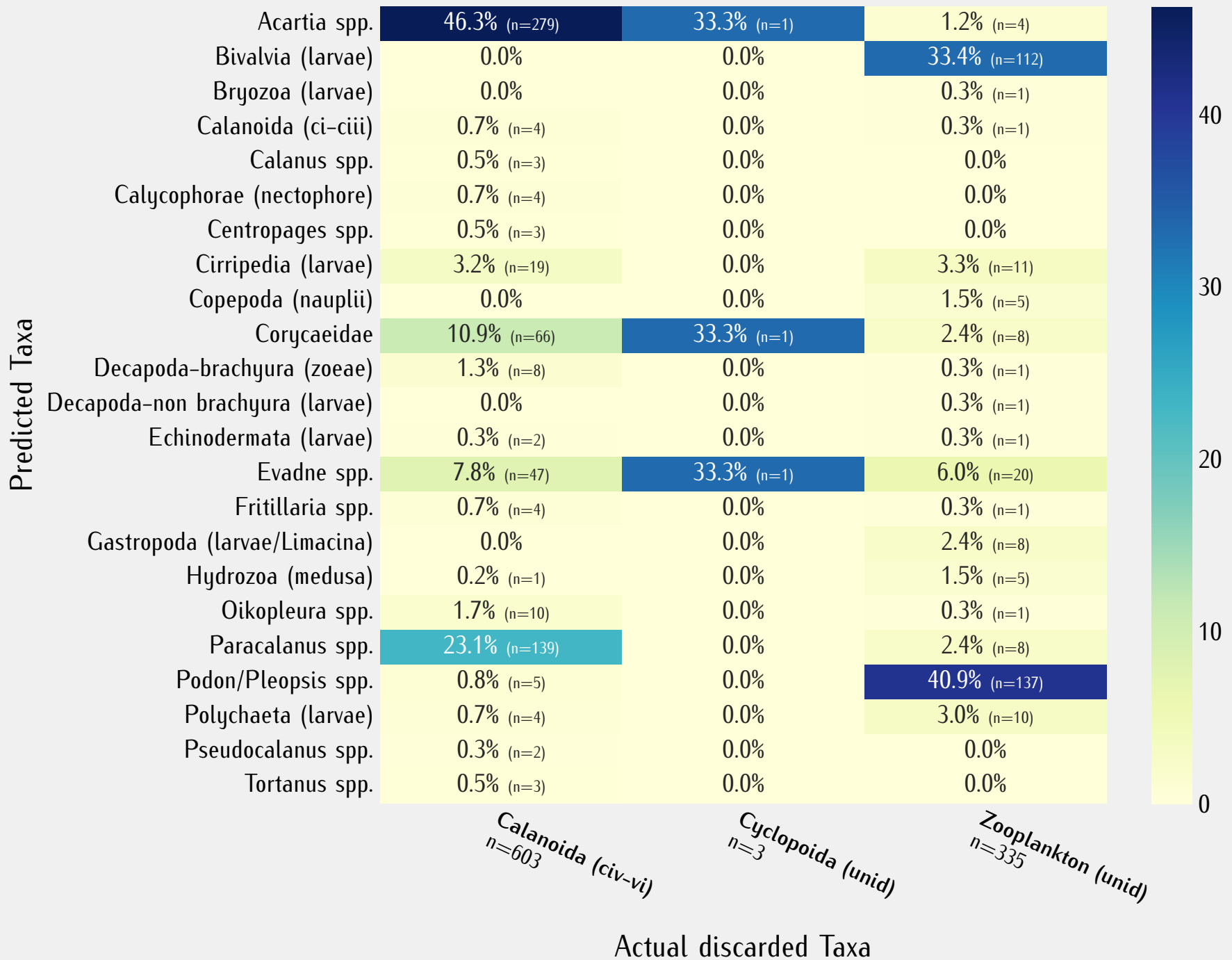
PA Selected Samples prediction using PA training set,
Learning with all classes present in the selected samples, no extra training categories,
No Calanoida (ci-vi), Cyclopoida, Zooplankton classes in learning set

Confusion Matrix – In percent of Actual Value



Classification Report Matrix max 20000 learning objects per class			
	precision	recall	f1-score
Cirripedia (larvae) (n=3231-train=6358)	0.92	0.76	0.83
Acartia spp. (n=2290-train=4410)	0.88	0.80	0.84
Oikopleura spp. (n=1773-train=4507)	0.82	0.82	0.82
Podon/Pleopsis spp. (n=607-train=3605)	0.31	0.55	0.40
Fritillaria spp. (n=475-train=844)	0.80	0.32	0.46
Evadne spp. (n=358-train=981)	0.53	0.66	0.59
Corycaeidae (n=335-train=1760)	0.57	0.70	0.63
Calanoida (ci-ciii) (n=150-train=313)	0.37	0.10	0.16
Paracalanus spp. (n=141-train=1525)	0.23	0.82	0.36
Gastropoda (larvae/Limacina) (n=126-train=291)	0.77	0.19	0.31
Bivalvia (larvae) (n=96-train=119)	0.76	0.77	0.76
Polychaeta (larvae) (n=65-train=661)	0.25	0.22	0.23
Hydrozoa (medusa) (n=55-train=301)	0.33	0.84	0.47
Centropages spp. (n=50-train=119)	0.30	0.20	0.24
Echinodermata (larvae) (n=42-train=2649)	0.00	0.00	0.00
Calycophorae (nectophore) (n=37-train=966)	0.19	0.78	0.30
Decapoda-brachyura (zoeae) (n=32-train=343)	0.23	0.78	0.36
Ctenophora (larvae) (n=31-train=29)	0.50	0.06	0.11
Decapoda-non brachyura (larvae) (n=26-train=219)	0.45	0.69	0.55
Ostracoda (n=25-train=18)	0.08	0.04	0.05
Tortanus spp. (n=24-train=88)	0.31	0.42	0.36
Asciidiacea (larvae) (n=23-train=54)	0.89	0.35	0.50
Oithona spp. (n=17-train=44)	0.00	0.00	0.00
Pseudocalanus spp. (n=7-train=65)	0.27	0.43	0.33
Calanus spp. (n=6-train=37)	0.20	0.33	0.25
Copepoda (nauplii) (n=4-train=233)	0.00	0.00	0.00
Euphysa spp. (medusa) (n=3-train=3)	0.00	0.00	0.00
Bryozoa (larvae) (n=1-train=50)	0.00	0.00	0.00
macro avg	0.39	0.42	0.35
weighted avg	0.77	0.71	0.72
	precision	recall	f1-score

Predictions of discarded taxa from training



Relative Abundance of Top Taxonomic Instances per Sample

