

Use of SCN features: Yes
Max learning objects: Maximum objects/class
Strategy N° 4

PA Selected Samples prediction using PA 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

Confusion Matrix – In percent of Actual Value

[illegible]

Classification Report Matrix
max available learning objects per class

	precision	recall	f1-score
Cirripedia (larvae) (n=3231-train=6358)	0.92	0.77	0.84
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)	0.33	0.55	0.42
Fritillaria spp. (n=475-train=844)	0.81	0.33	0.47
Evadne spp. (n=358-train=981)	0.55	0.67	0.61
Corycaeidae (n=335-train=1760)	0.59	0.72	0.65
Calanoida (ci-ciii) (n=150-train=313)	0.29	0.10	0.15
Paracalanus spp. (n=141-train=1525)	0.24	0.82	0.37
Gastropoda (larvae/Limacina) (n=126-train=291)	0.75	0.19	0.30
Bivalvia (larvae) (n=96-train=119)	0.82	0.77	0.80
Polychaeta (larvae) (n=65-train=661)	0.31	0.25	0.27
Hydrozoa (medusa) (n=55-train=301)	0.37	0.84	0.52
Centropages spp. (n=50-train=119)	0.25	0.18	0.21
Echinodermata (larvae) (n=42-train=2649)	0.00	0.00	0.00
Calycophorae (nectophore) (n=37-train=966)	0.19	0.78	0.31
Decapoda-brachyura (zoeae) (n=32-train=343)	0.25	0.81	0.39
Decapoda-non brachyura (larvae) (n=26-train=219)	0.47	0.77	0.58
Tortanus spp. (n=24-train=88)	0.21	0.25	0.23
Ascidicea (larvae) (n=23-train=54)	0.82	0.39	0.53
Oithona spp. (n=17-train=44)	0.00	0.00	0.00
Pseudocalanus spp. (n=7-train=65)	0.16	0.43	0.23
Copepoda (nauplii) (n=4-train=233)	0.00	0.00	0.00
Bryozoa (larvae) (n=1-train=50)	0.00	0.00	0.00
Harpacticoida- epibenthic (n=0-train=47)	-	-	-
Platyhelminthes/Nemertea (larvae) (n=0-train=145)	-	-	-
macro avg (corr)	0.42	0.47	0.40
weighted avg	0.78	0.72	0.73
	precision	recall	f1-score

Extra training classes

Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample

