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

Use of SCN features: No
Max learning objects: 200 objects/class
Strategy N° 3

Confusion Matrix – In percent of Actual Value

Classification Report Matrix
max 200 learning objects per class

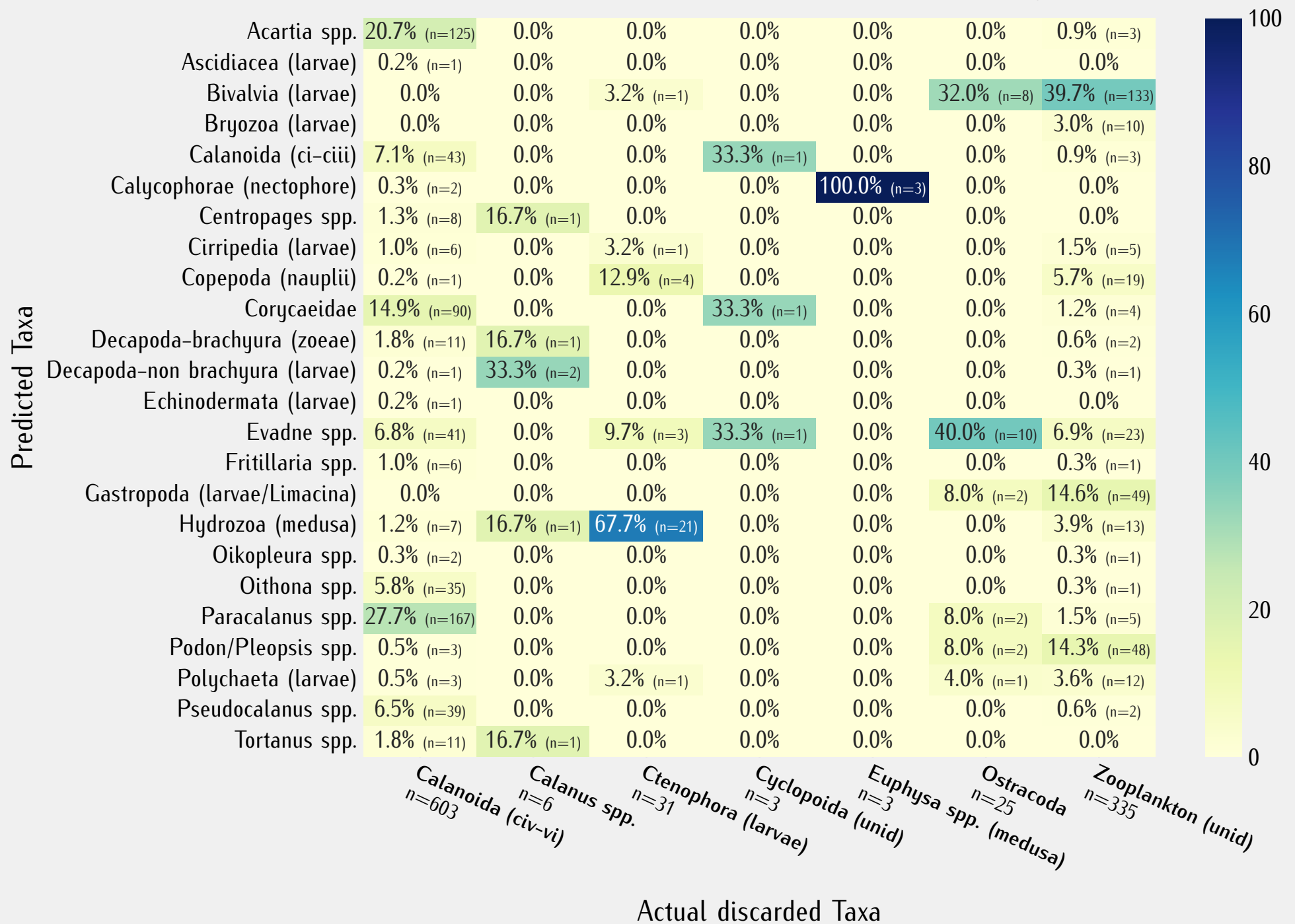# Predictions of discarded taxa from training

Predicted Taxa	Calanoida (civ-vi) n=603	Calanus spp. n=6	Ctenophora (larvae) n=31	Cyclopoida (unid) n=3	Euphysa spp. (medusa) n=3	Ostracoda n=25	Zooplankton (unid) n=335
Acartia spp.	20.7% (n=125)	0.0%	0.0%	0.0%	0.0%	0.0%	0.9% (n=3)
Ascidiacea (larvae)	0.2% (n=1)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Bivalvia (larvae)	0.0%	0.0%	3.2% (n=1)	0.0%	0.0%	32.0% (n=8)	39.7% (n=133)
Bryozoa (larvae)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0% (n=10)
Calanoida (ci-ciii)	7.1% (n=43)	0.0%	0.0%	33.3% (n=1)	0.0%	0.0%	0.9% (n=3)
Calycophorae (nectophore)	0.3% (n=2)	0.0%	0.0%	0.0%	100.0% (n=3)	0.0%	0.0%
Centropages spp.	1.3% (n=8)	16.7% (n=1)	0.0%	0.0%	0.0%	0.0%	0.0%
Cirripedia (larvae)	1.0% (n=6)	0.0%	3.2% (n=1)	0.0%	0.0%	0.0%	1.5% (n=5)
Copepoda (nauplii)	0.2% (n=1)	0.0%	12.9% (n=4)	0.0%	0.0%	0.0%	5.7% (n=19)
Corycaeidae	14.9% (n=90)	0.0%	0.0%	33.3% (n=1)	0.0%	0.0%	1.2% (n=4)
Decapoda-brachyura (zoeae)	1.8% (n=11)	16.7% (n=1)	0.0%	0.0%	0.0%	0.0%	0.6% (n=2)
Decapoda-non brachyura (larvae)	0.2% (n=1)	33.3% (n=2)	0.0%	0.0%	0.0%	0.0%	0.3% (n=1)
Echinodermata (larvae)	0.2% (n=1)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Evadne spp.	6.8% (n=41)	0.0%	9.7% (n=3)	33.3% (n=1)	0.0%	40.0% (n=10)	6.9% (n=23)
Fritillaria spp.	1.0% (n=6)	0.0%	0.0%	0.0%	0.0%	0.0%	0.3% (n=1)
Gastropoda (larvae/Limacina)	0.0%	0.0%	0.0%	0.0%	0.0%	8.0% (n=2)	14.6% (n=49)
Hydrozoa (medusa)	1.2% (n=7)	16.7% (n=1)	67.7% (n=21)	0.0%	0.0%	0.0%	3.9% (n=13)
Oikopleura spp.	0.3% (n=2)	0.0%	0.0%	0.0%	0.0%	0.0%	0.3% (n=1)
Oithona spp.	5.8% (n=35)	0.0%	0.0%	0.0%	0.0%	0.0%	0.3% (n=1)
Paracalanus spp.	27.7% (n=167)	0.0%	0.0%	0.0%	0.0%	8.0% (n=2)	1.5% (n=5)
Podon/Pleopsis spp.	0.5% (n=3)	0.0%	0.0%	0.0%	0.0%	8.0% (n=2)	14.3% (n=48)
Polychaeta (larvae)	0.5% (n=3)	0.0%	3.2% (n=1)	0.0%	0.0%	4.0% (n=1)	3.6% (n=12)
Pseudocalanus spp.	6.5% (n=39)	0.0%	0.0%	0.0%	0.0%	0.0%	0.6% (n=2)
Tortanus spp.	1.8% (n=11)	16.7% (n=1)	0.0%	0.0%	0.0%	0.0%	0.0%

Predicted Taxa

Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample

Most abundant classes (In Val or Pred)
- Acartia spp.
- Calanoida (ci–ciii)
- Calanoida (civ–vi)
- Cirripedia (larvae)
- Corycaeidae
- Evadne spp.
- Fritillaria spp.
- Oikopleura spp.
- Paracalanus spp.
- Podon/Pleopsis spp.
- Zooplankton (unid)
- Others