



**Ministry of Environment
and Food of Denmark**
Environmental
Protection Agency

BWE / Same location discussion Info: Port Sampling & Same Risk Area -targetspecies models

Ballast TG 8
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Same Risk Area

Selection criteria for marine connectivity study in Kattegat region

Target-species - DRAFT

85 species relevant in the Kattegat region

Criteria:

- **Entire life cycle in the water column**
(e.g. pelagic copepods, pelagic fish, pelagic phytoplankton, jellyfish etc)
- **NIS already widely distributed /established.**
(e.g. species the razor mussel *Ensis directus*, the copepod *Arcatia tonsa* and the soft-shell clam *Mya arenaria*)
- **Species with no or very limited salinity tolerance < 10 psu**
(e.g. the quagga mussel *Dreissena bugensis*)
- **Macro algae have limited dispersal capability of seeds and spores- in meters. Shedded tallus may drift over (>100 km). unlikely to be a limiting factor.**

Result : 23 target-species to consider.



Same Risk Area

23 target-species

Biological traits review:
DRAFT!!

- Pelagic larvae duration
- Time To Maturation
- Spawning period
- Temperature range for reproduction
- Salinity range for reproduction
- Habitat (EMOD-net database)

Suggestion:
Model run for each of the 23 species

