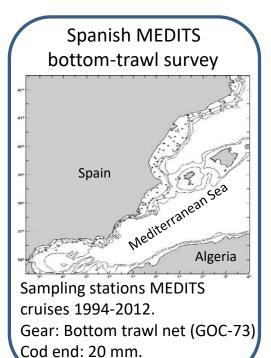
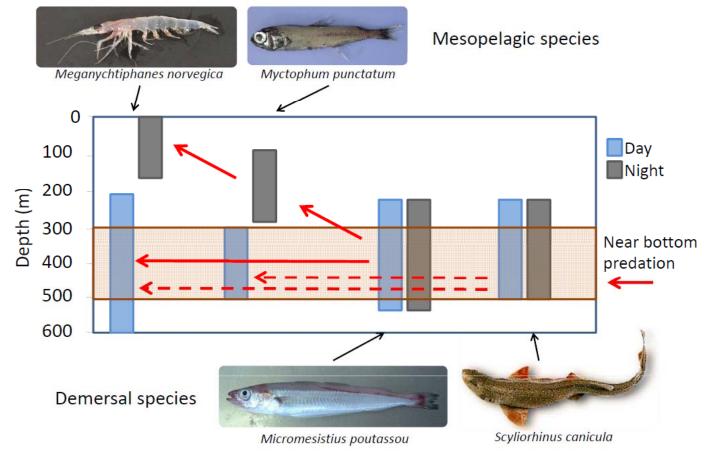
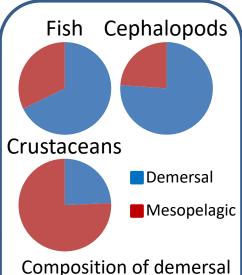
## Are we missing a mesopelagic-demersal coupling?

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M. norvegica (euphausiid), M. punctatum (myctophid), M. poutassou (benthopelagic predator) and and S. canicula (benthic scavenger) were regularly captured together on 300-500 bottom depths.





trawls captures by day.

- *M. norvegica* and *M. punctatum* are mesopelagic diel vertical migrants (DVM), found inhabiting over the sea floor by day.
- M. poutassou and S. canicula are demersal species, both are known to prey on M. norvegica.
- DVM are responsible for the active flux of carbon from epipelagic to mesopelagic waters, but their role at near bottom depths within the continental shelf and slope is far to be fully understood.
- Our data show that mesopelagic DVM could constitute an important carbon source for demersal species.