

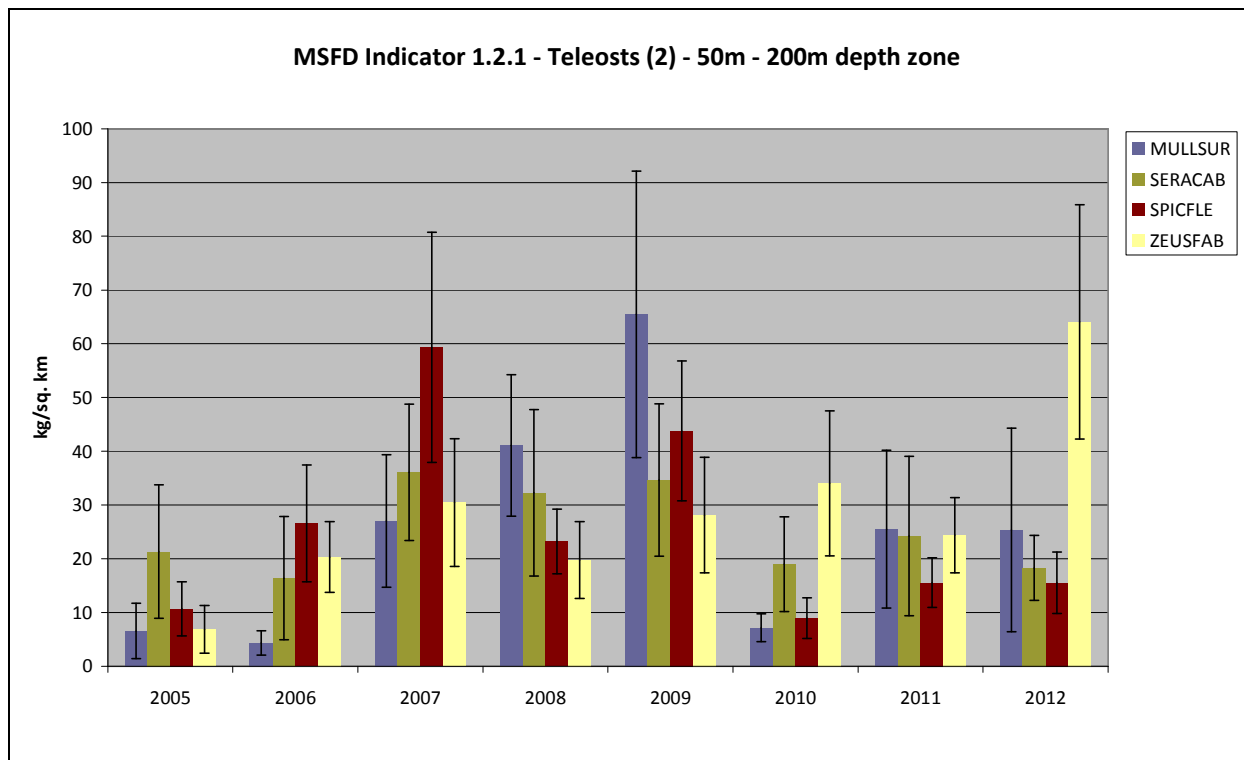
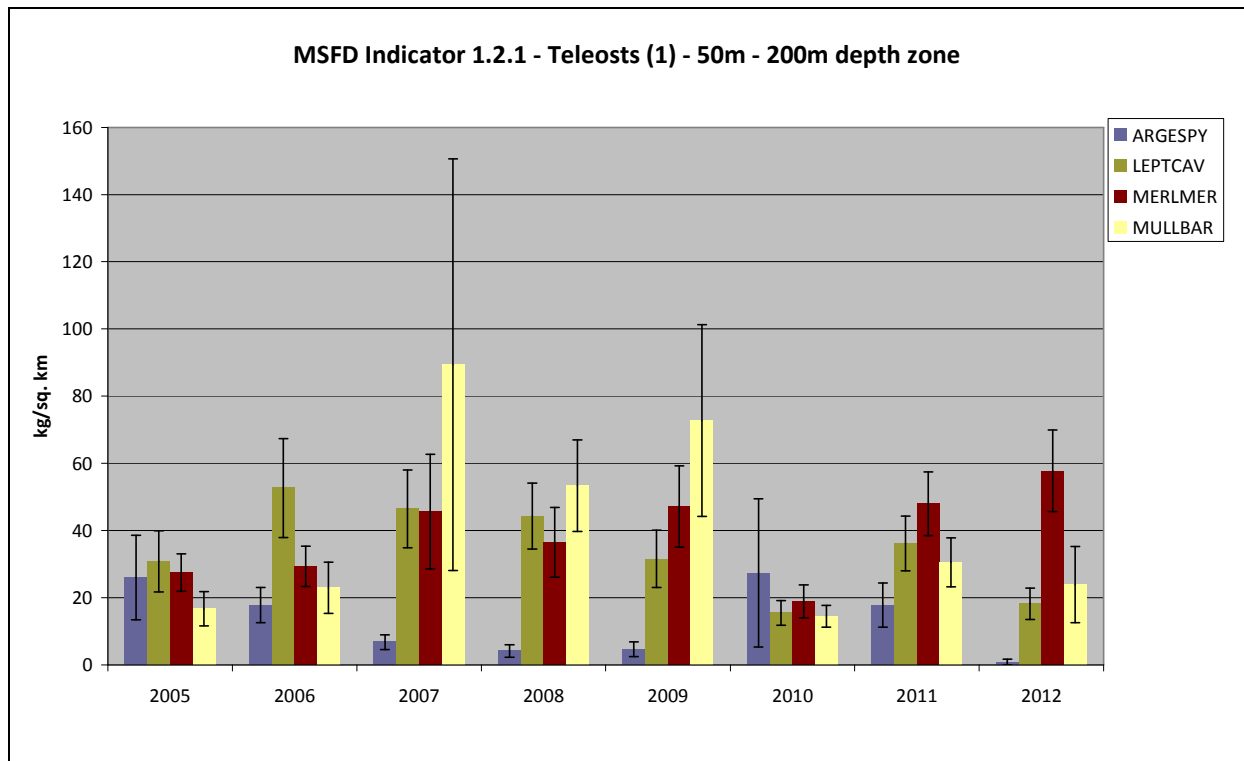
Annex I

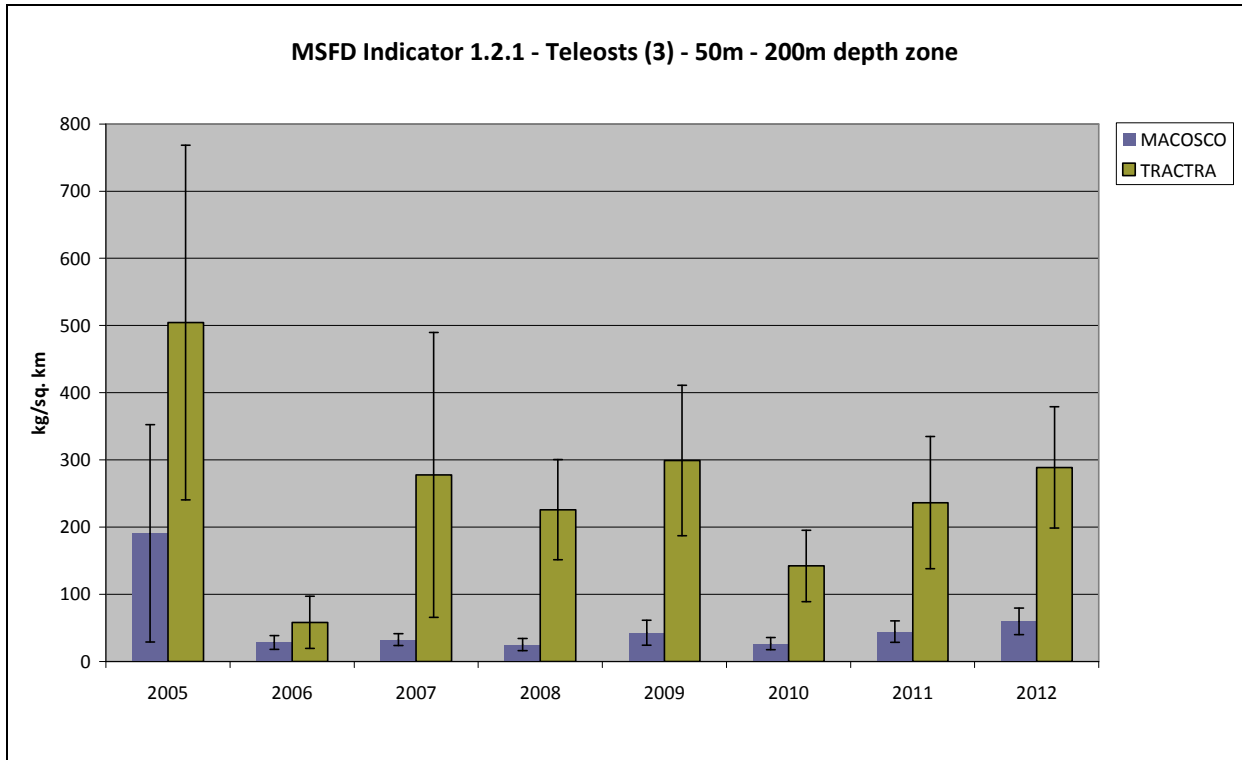
MSFD Indicator 1.2.1

Population biomass

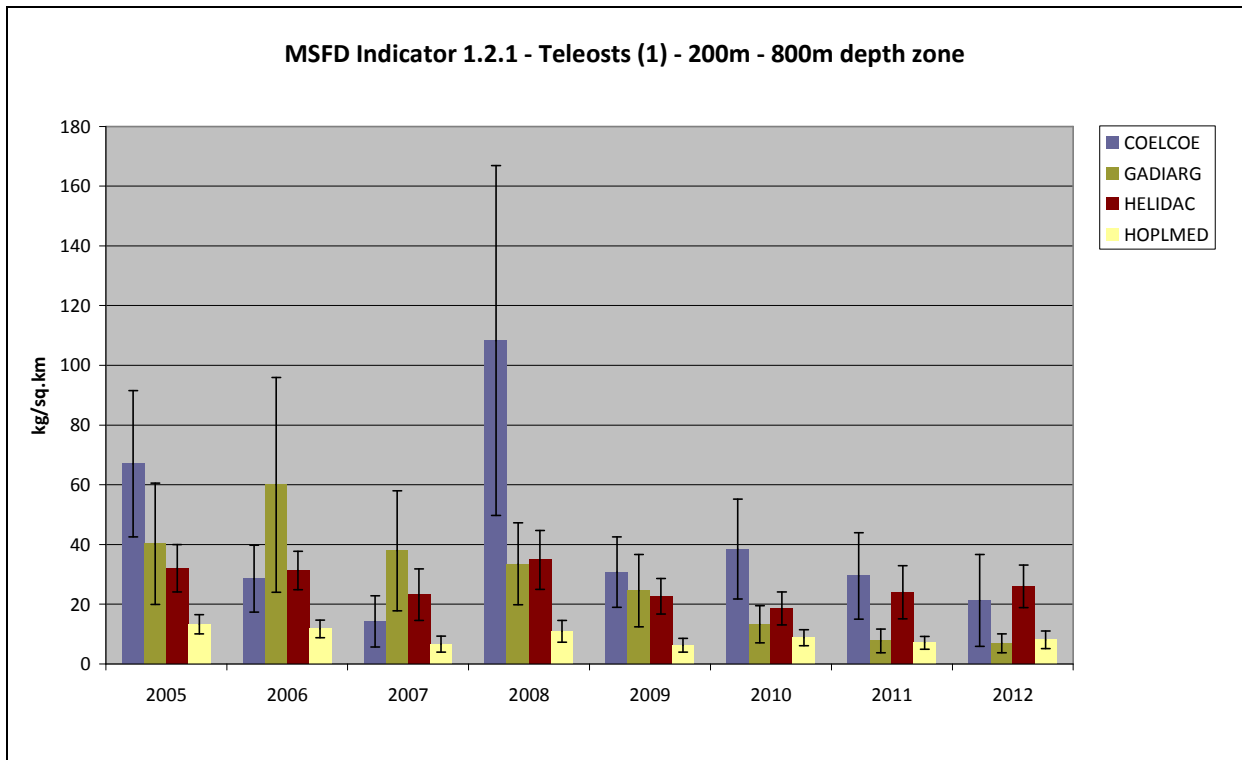
applied to a selection of fish species deemed representative of the demersal functional group and for small pelagics sampled through MEDIAS

Demersal Teleosts (50m-200m)

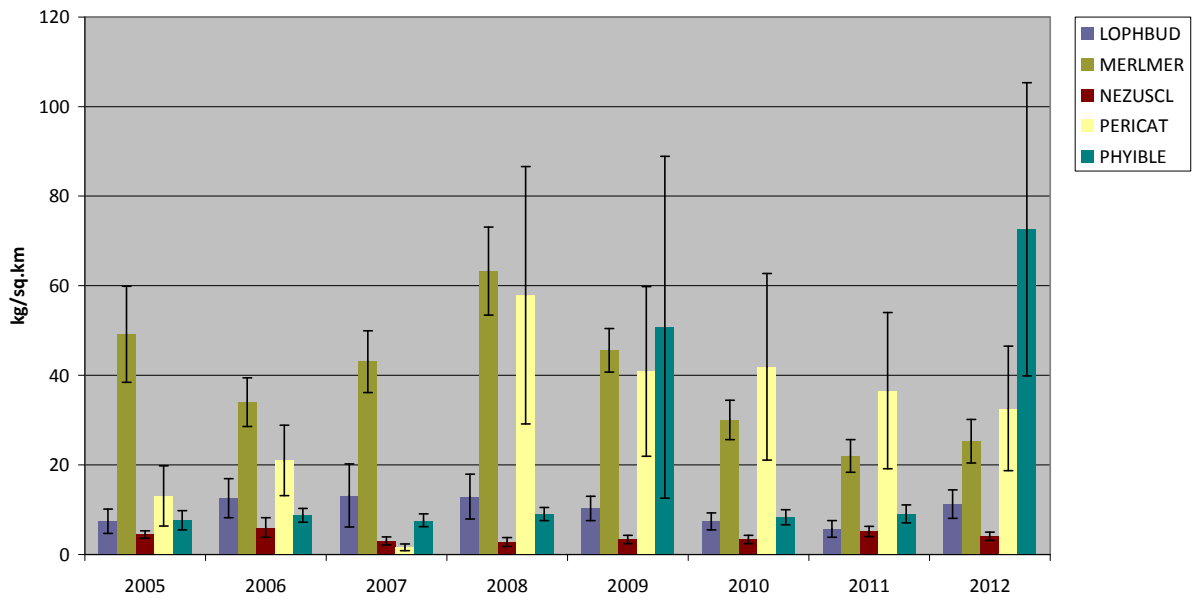




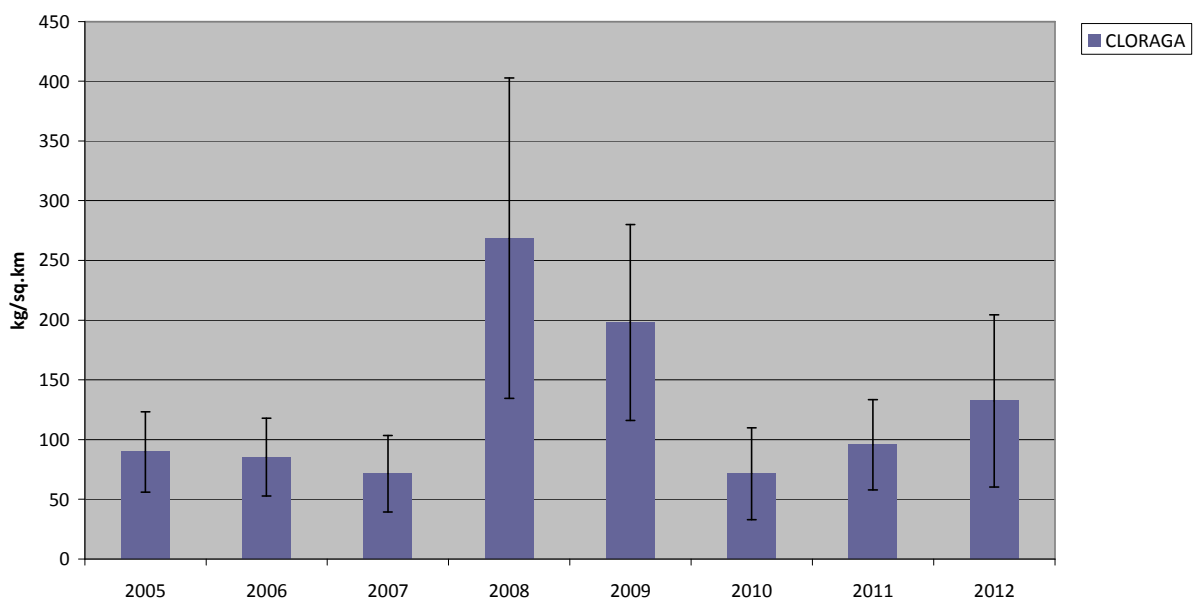
Demersal Teleosts (200m-800m)



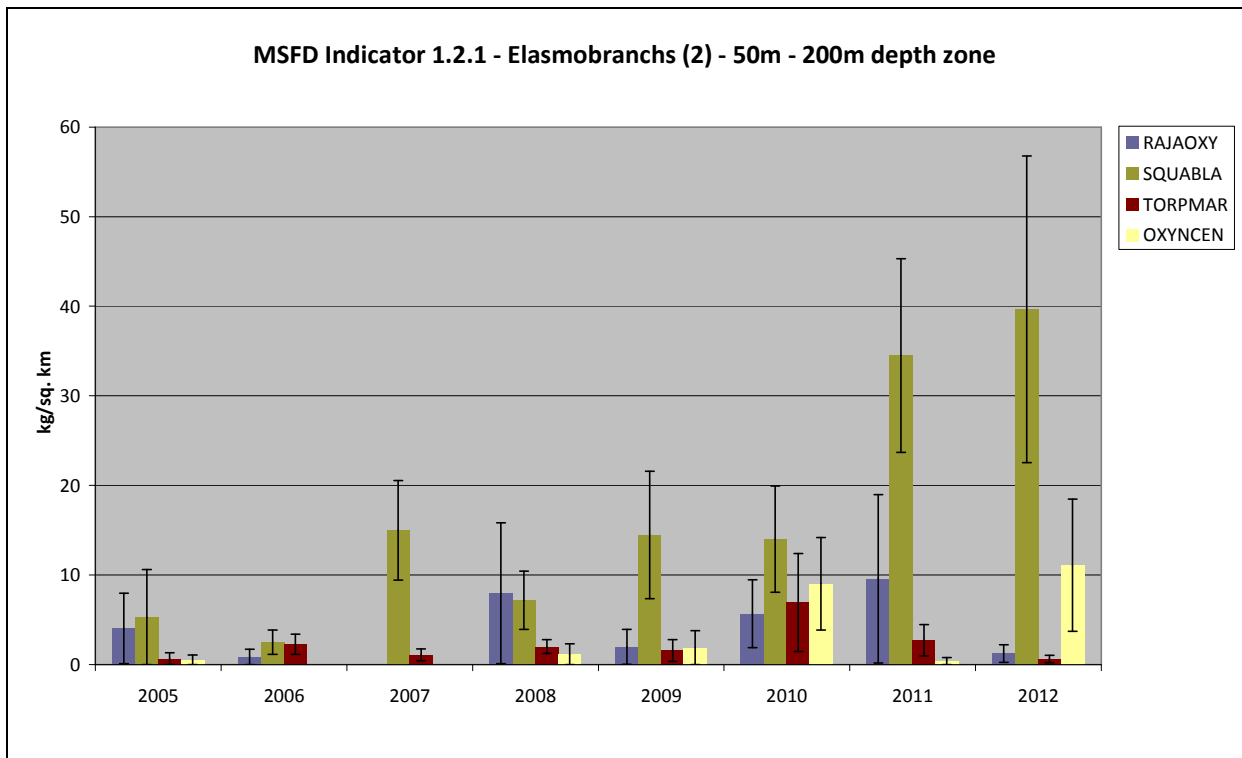
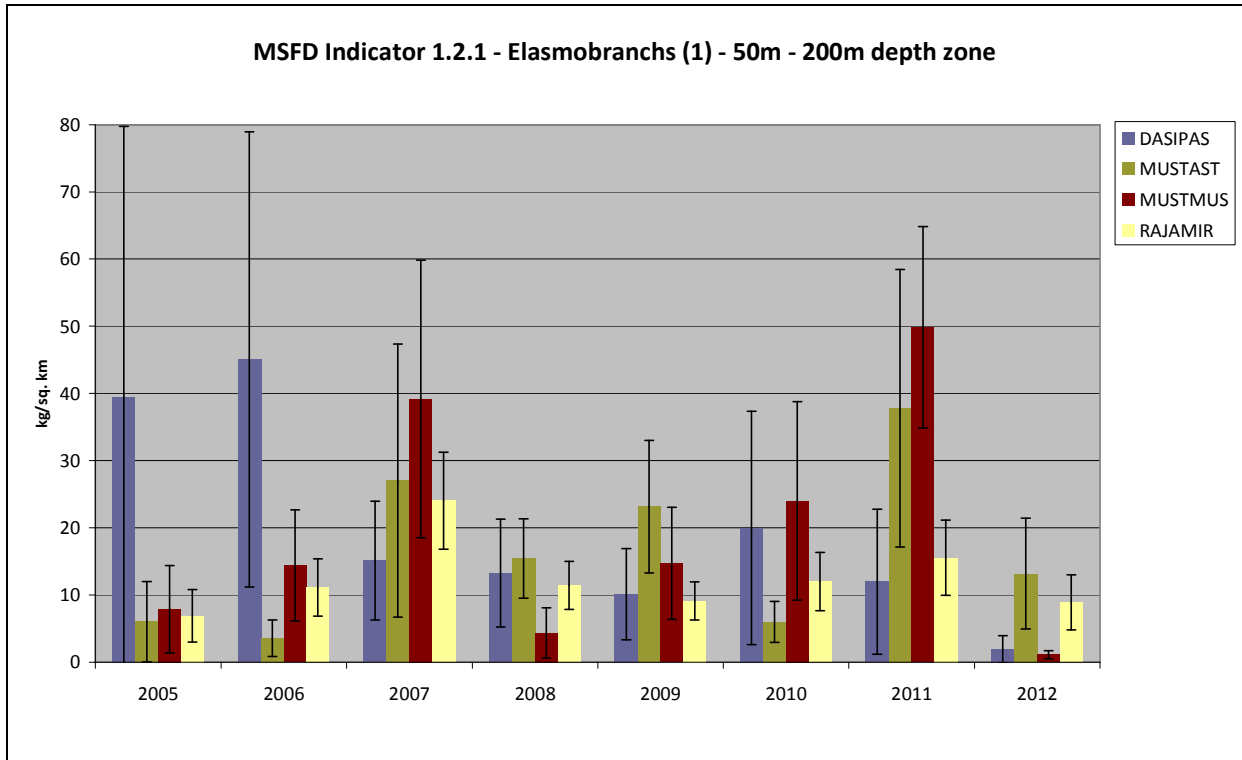
MSFD Indicator 1.2.1 - Teleosts (2) - 200m - 800m depth zone



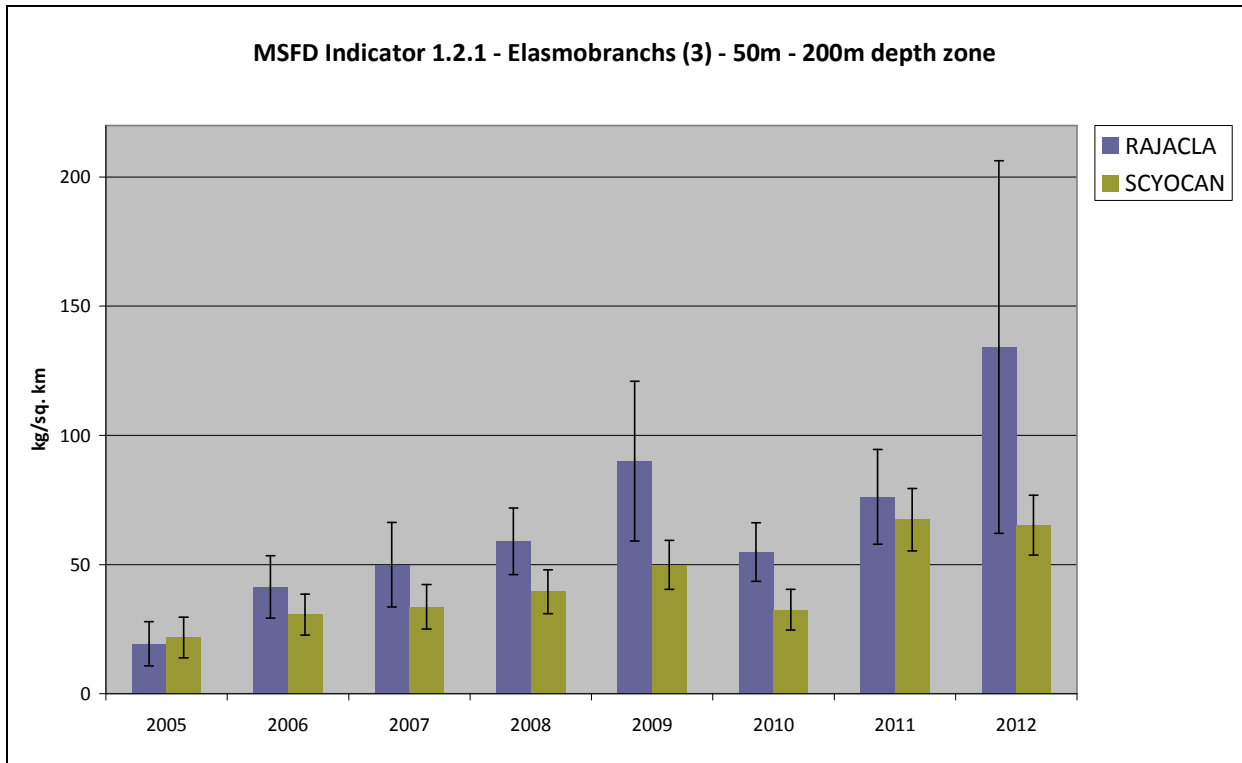
MSFD Indicator 1.2.1 - Teleosts (3) - 200m - 800m depth zone



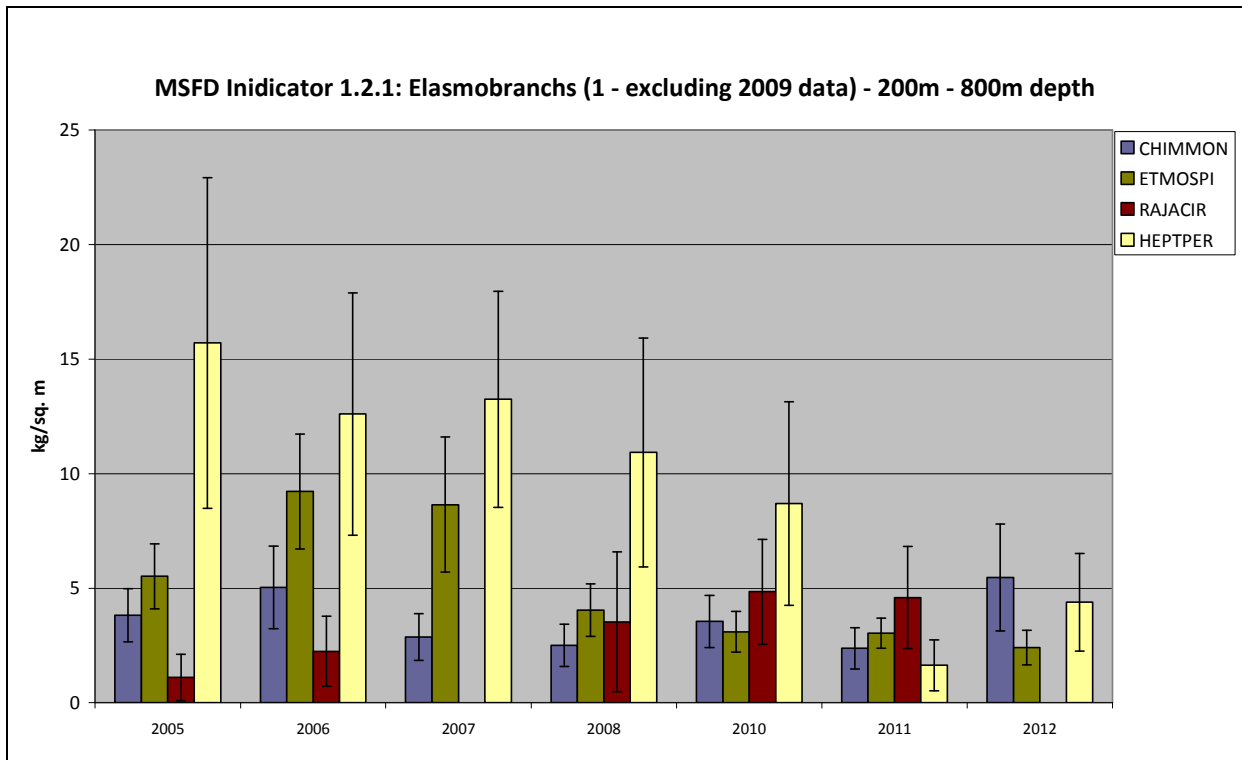
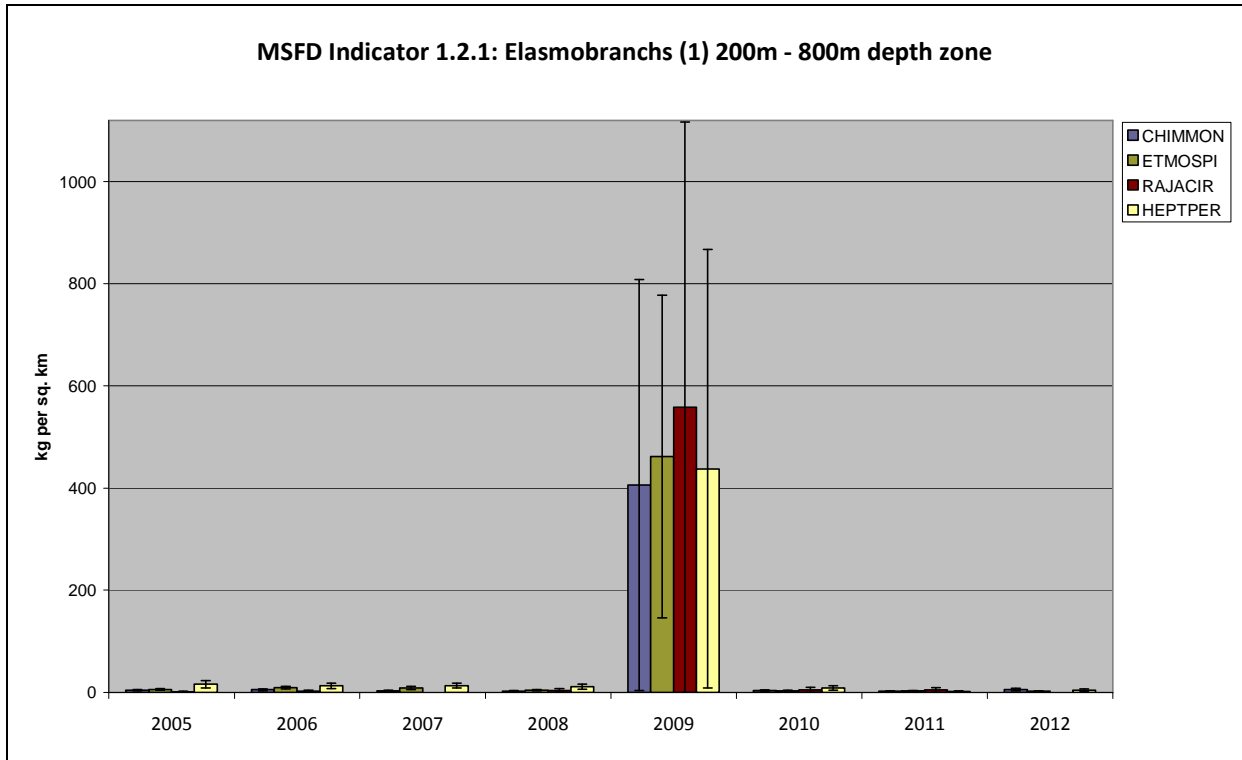
Demersal Elasmobranchs (50m-200m)



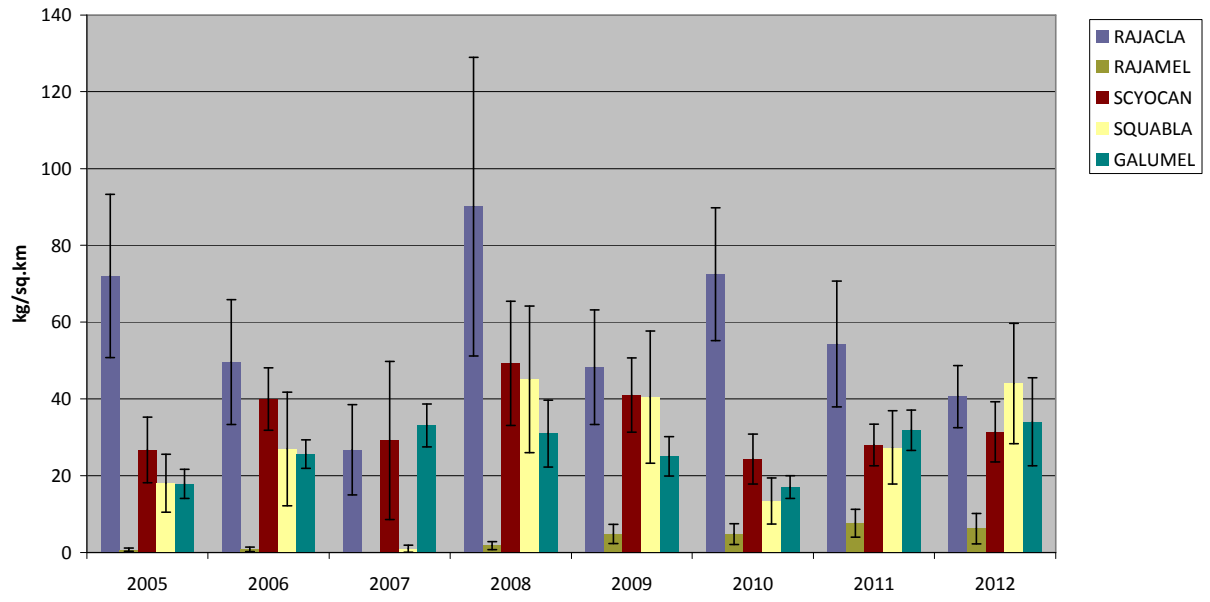
MSFD Indicator 1.2.1 - Elasmobranchs (3) - 50m - 200m depth zone



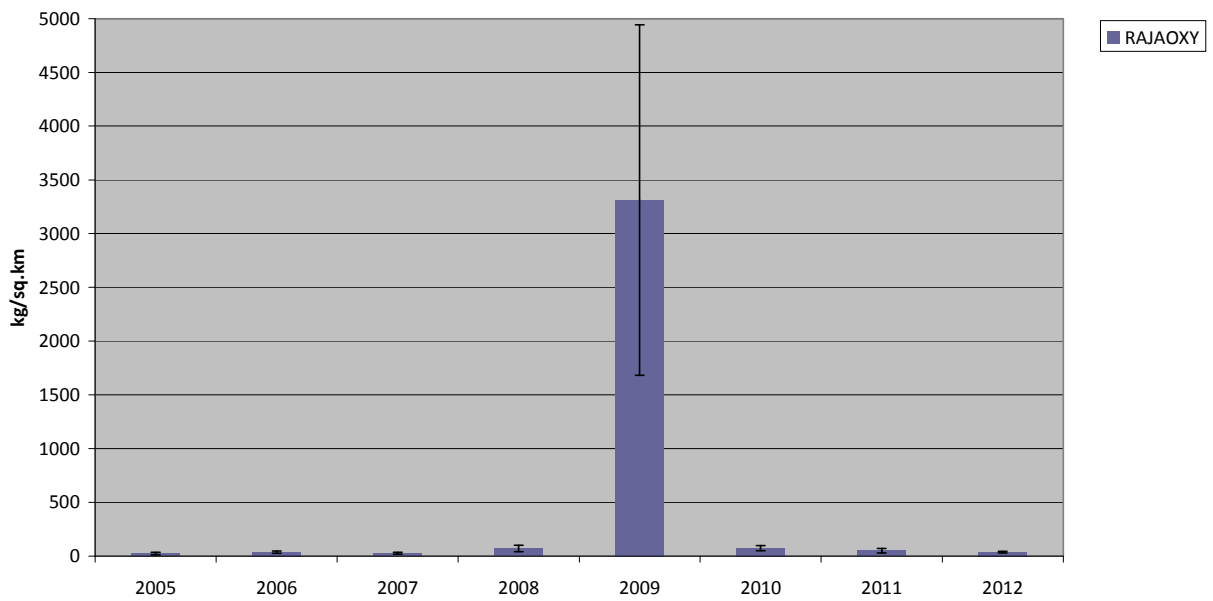
Demersal Elasmobranchs (200m-800m)



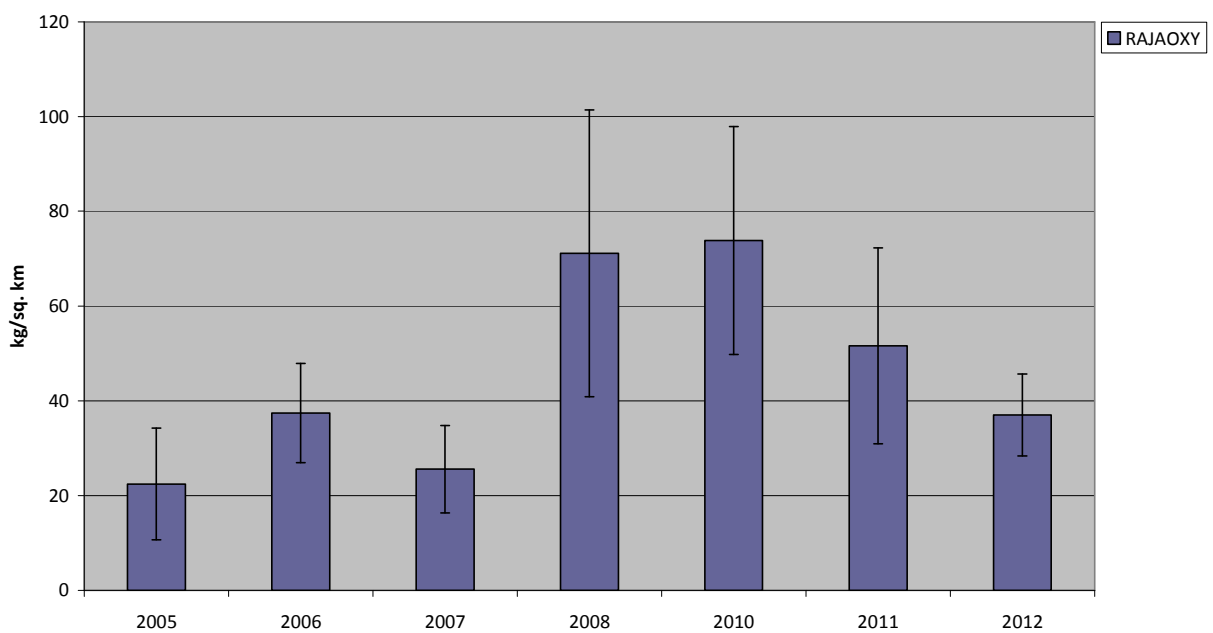
MSFD Indicator 1.2.1 - Elasmobranchs (2) - 200m - 800m depth zone



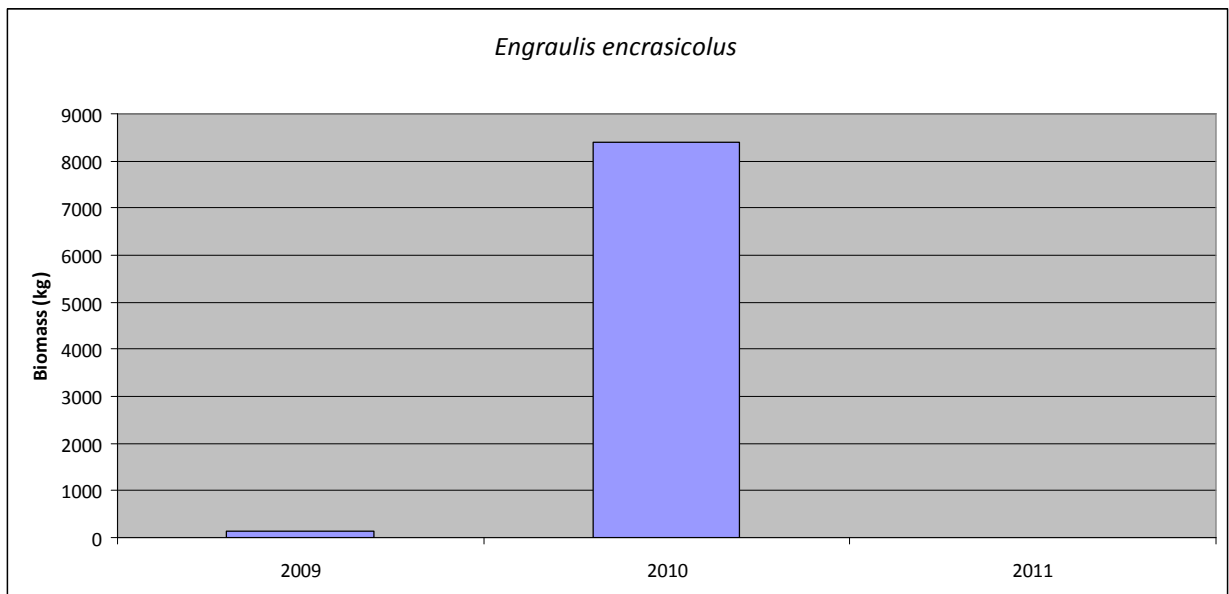
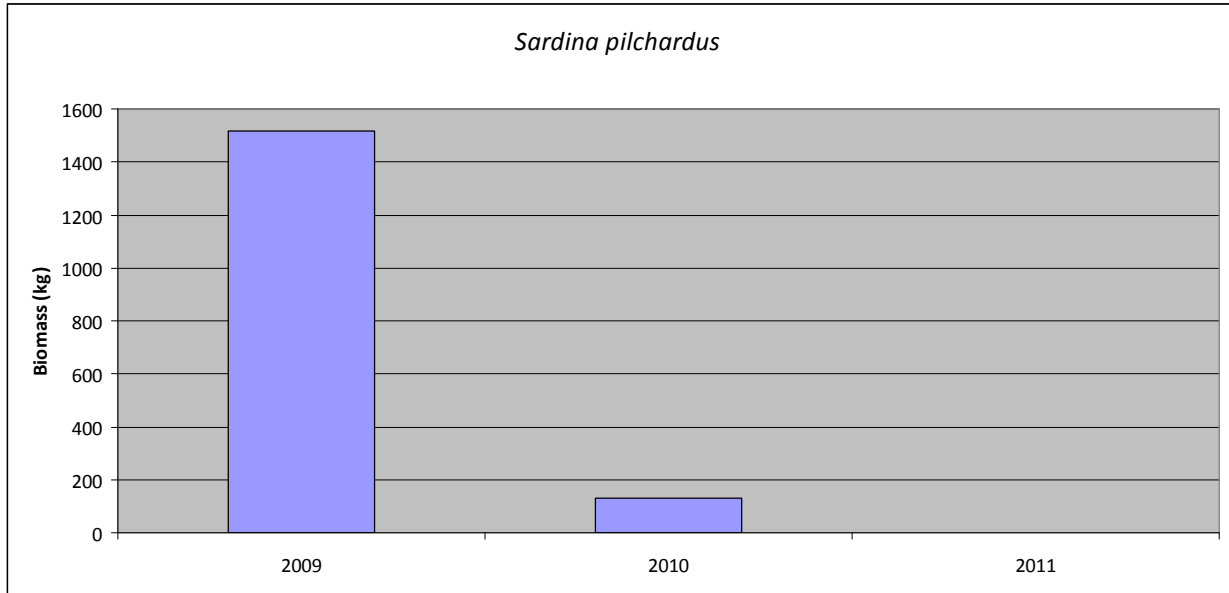
MSFD Indicator 1.2.1 - Elasmobranchs (3) - 200m - 800m depth zone



MSFD Indicator 1.2.1: Elasmobranchs (3 - excluding 2009 data) 200m - 800m depth



Small Pelagics (MEDIAS)



Annex II

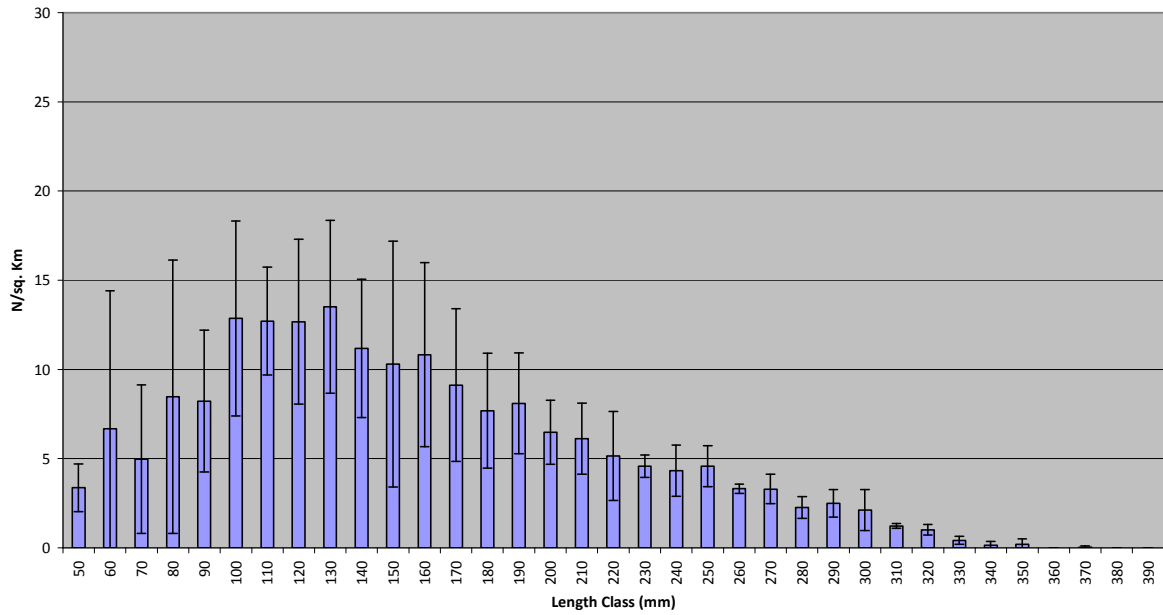
MSFD Indicator 1.3.1

Population demographic characteristics – body size class structure

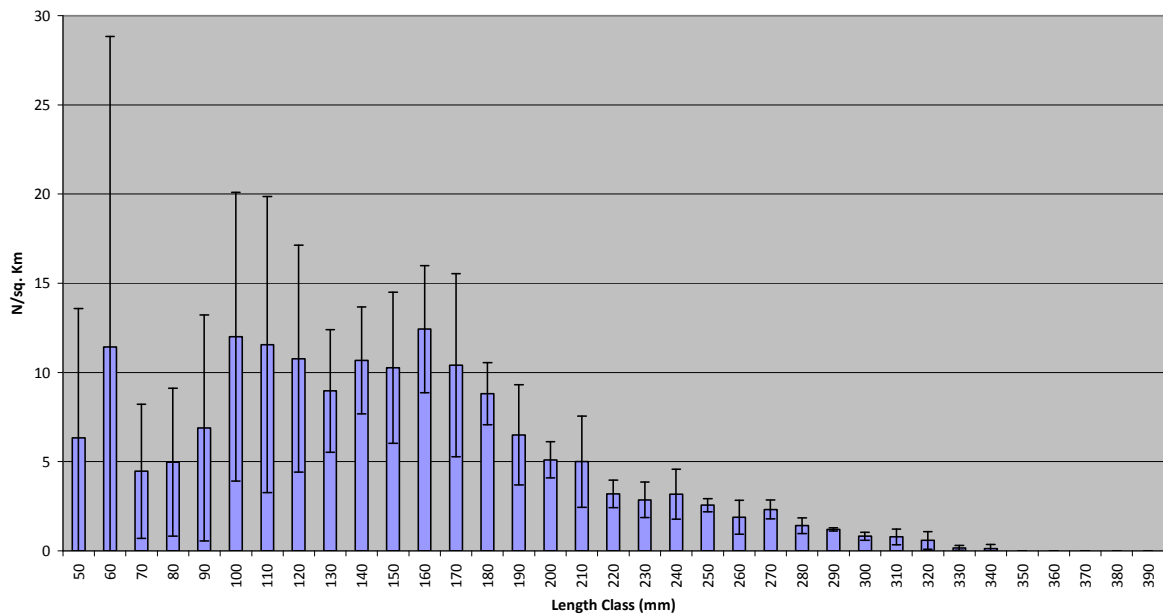
applied to MEDITS target species representative of the demersal functional group and for small pelagics sampled through MEDIAS. Indicator was also applied to crustacea to complement analysis for Descriptor 3

Teleosts

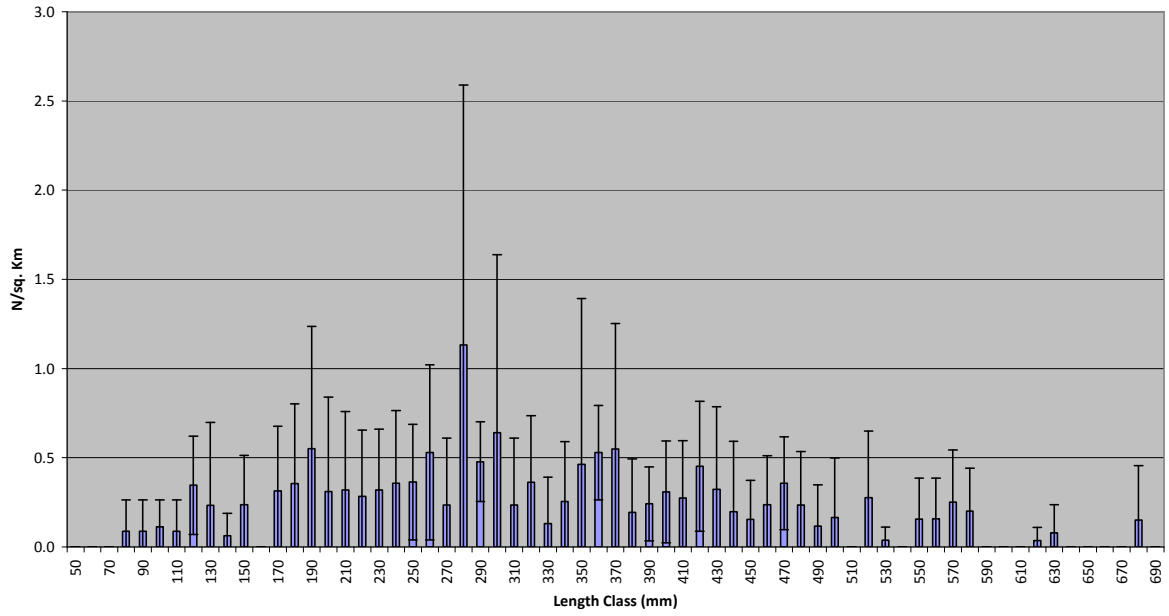
Helicolenus dactylopterus - 2005-2008



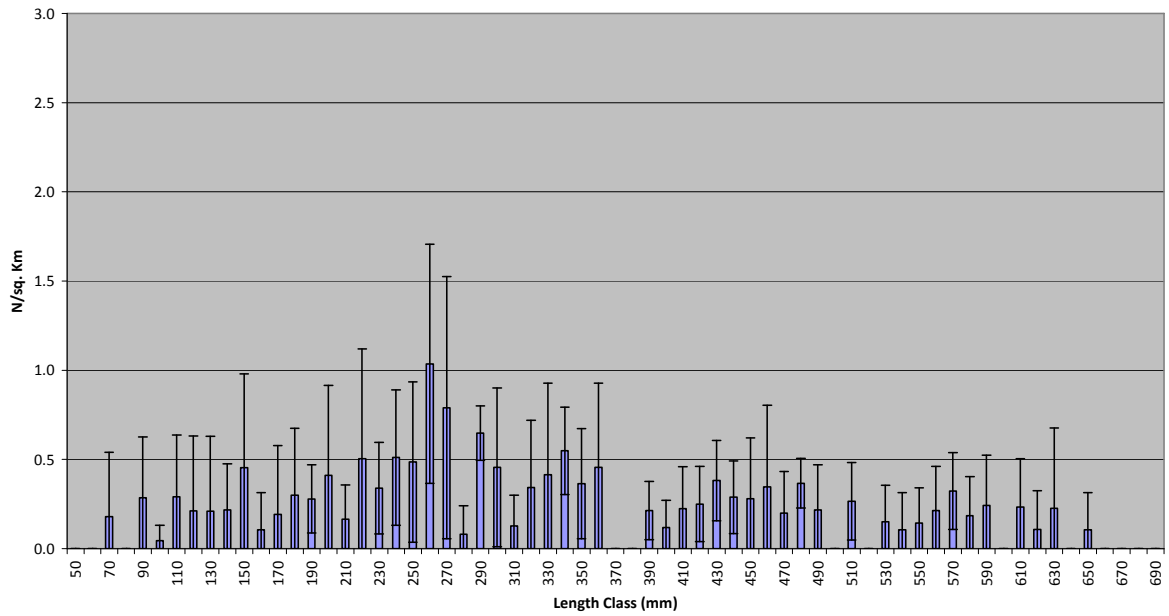
Helicolenus dactylopterus - 2009-2012



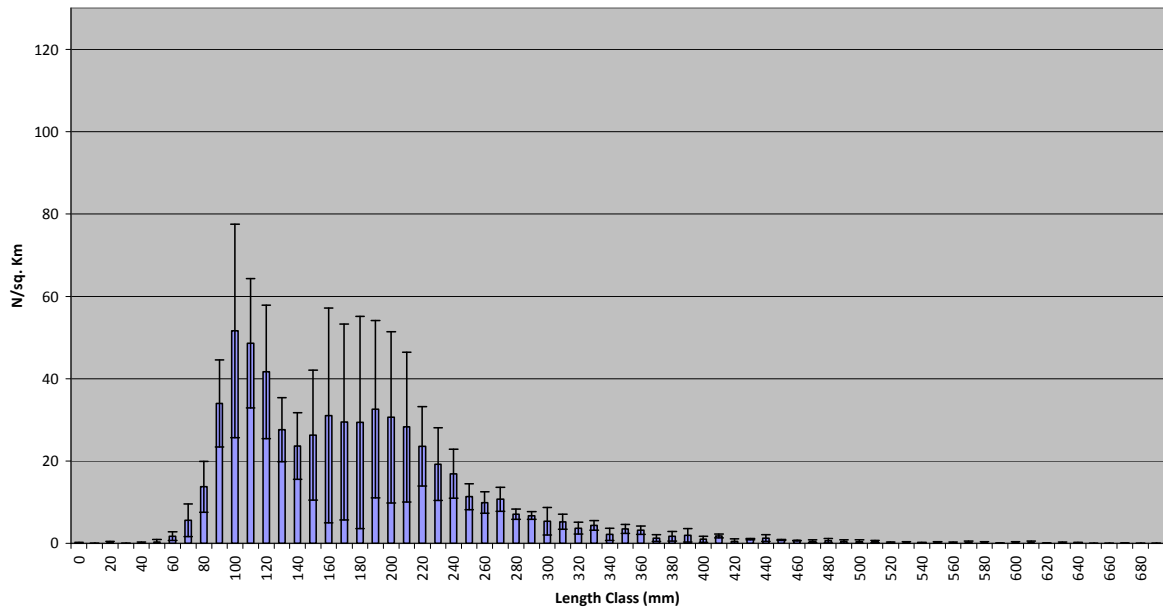
Lophius budegassa - 2005-2008



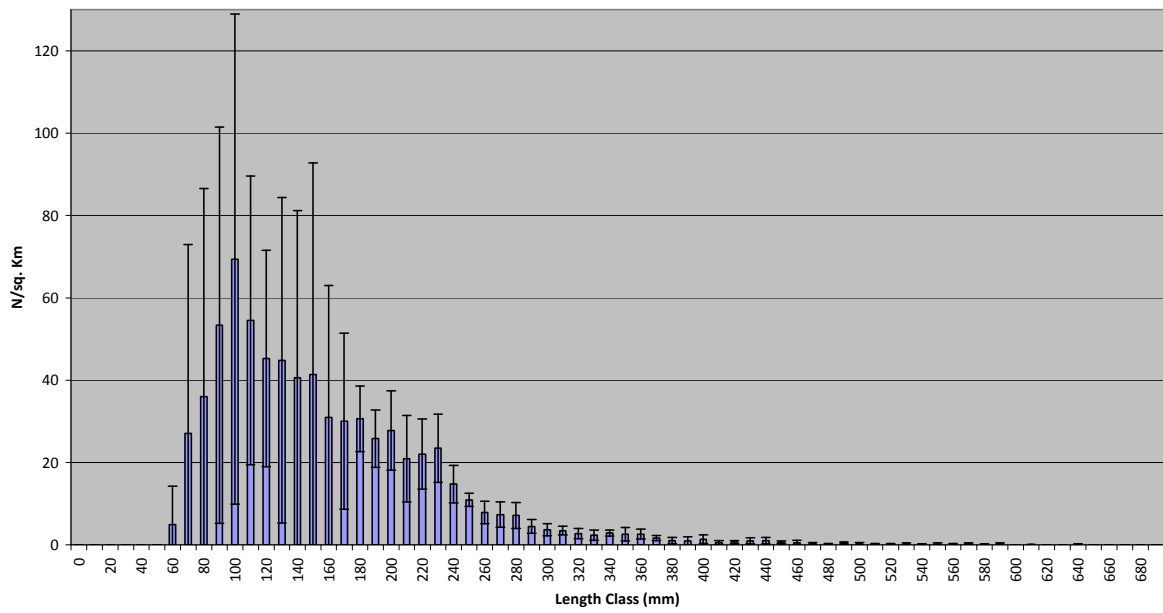
Lophius budegassa - 2009-2012



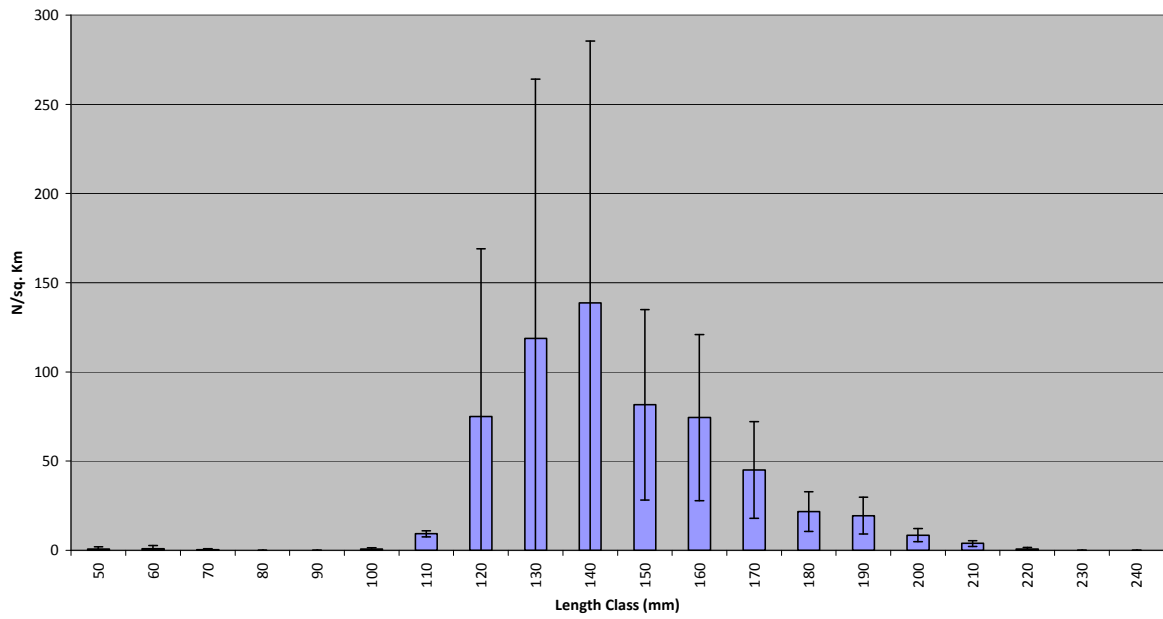
***Merluccius merluccius* - 2005-2008**



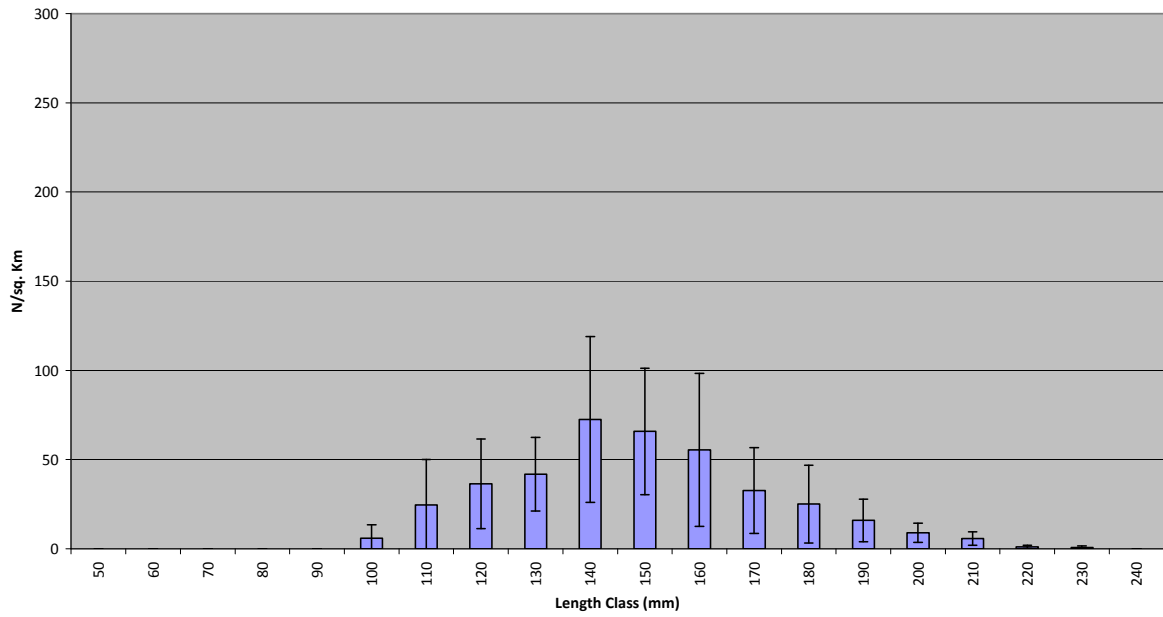
***Merluccius merluccius* - 2009-2012**



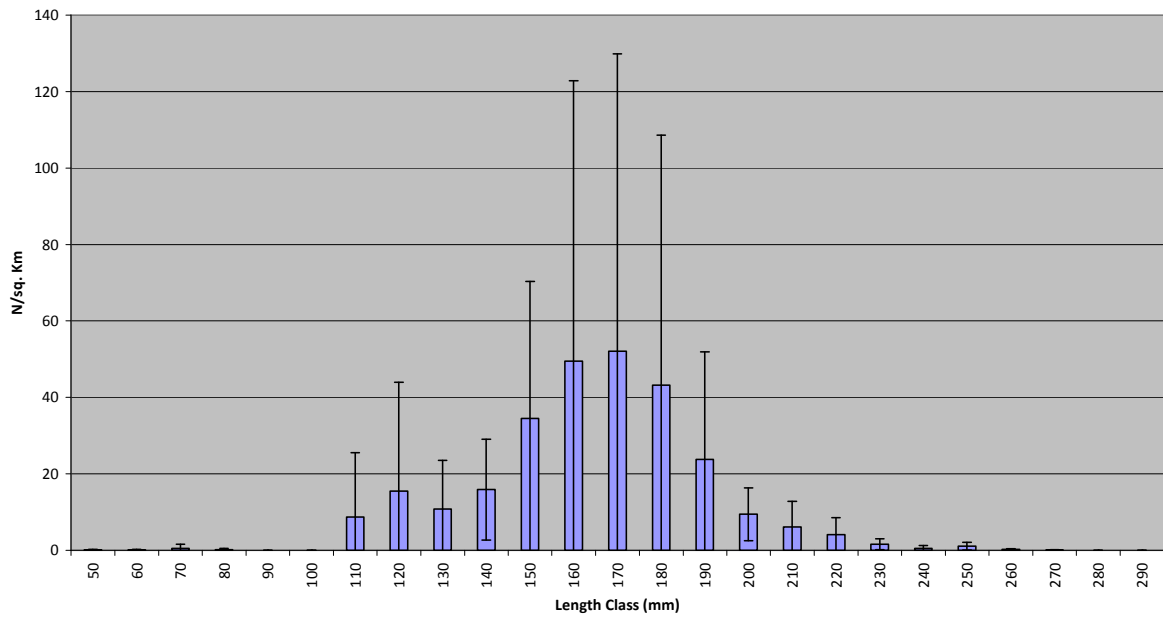
***Mullus barbatus* - 2005-2008**



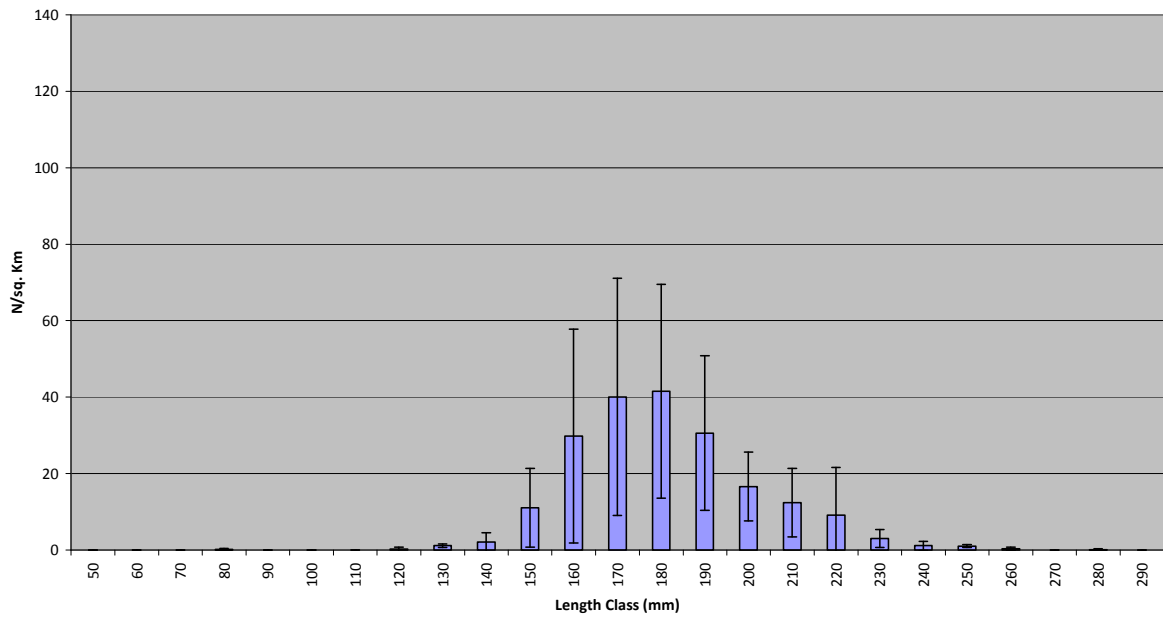
***Mullus barbatus* - 2009-2012**



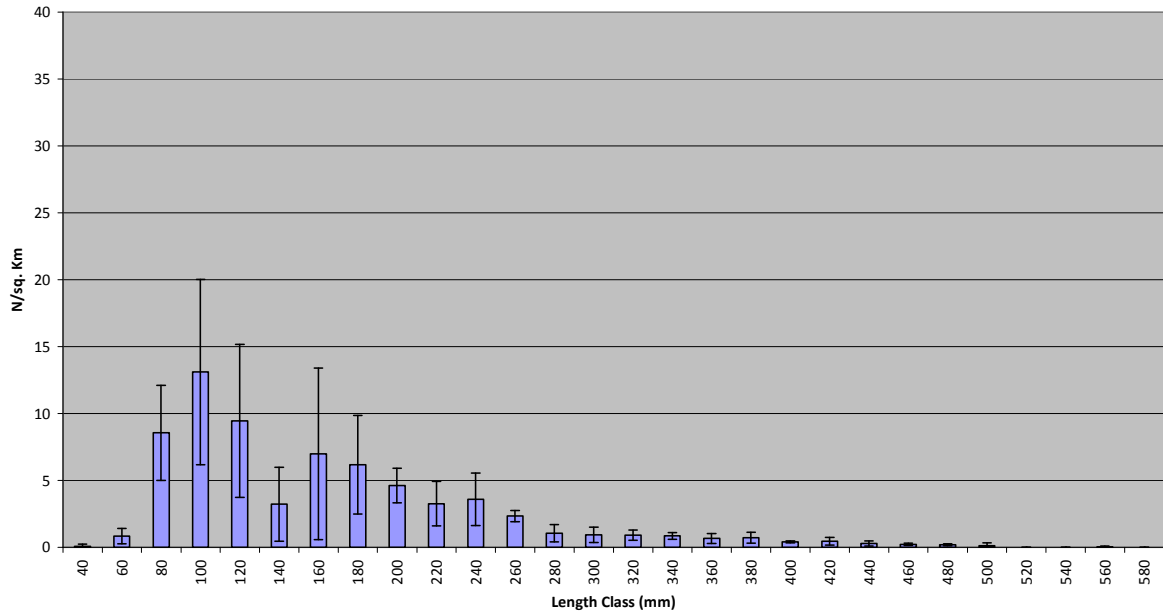
***Mullus surmuletus* - 2005-2008**



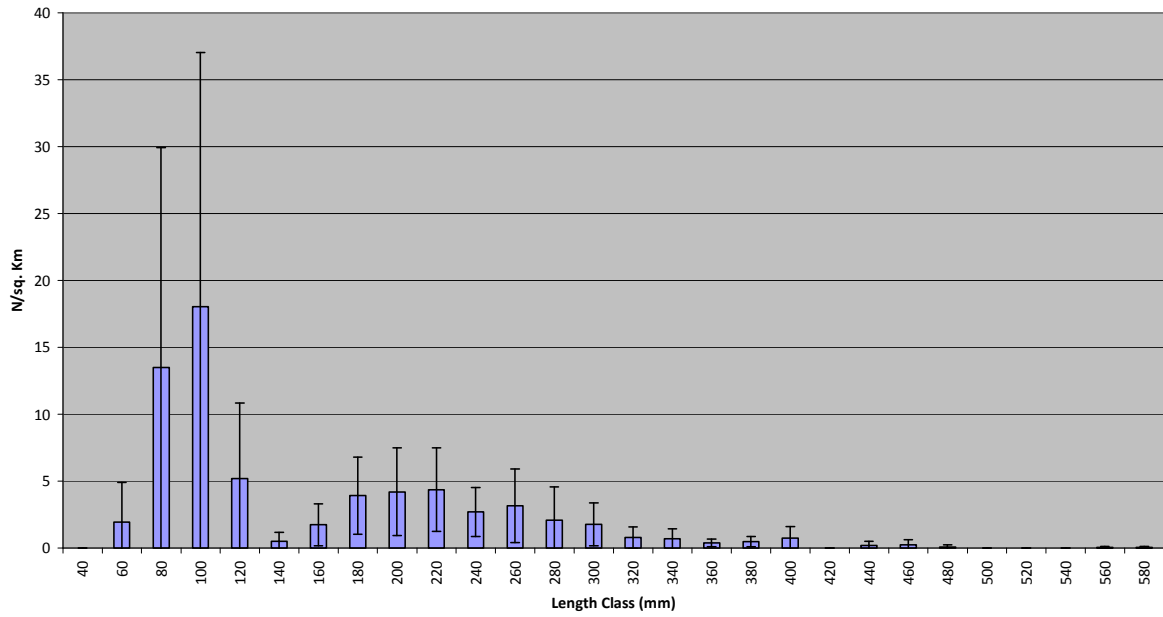
***Mullus surmuletus* - 2009-2012**



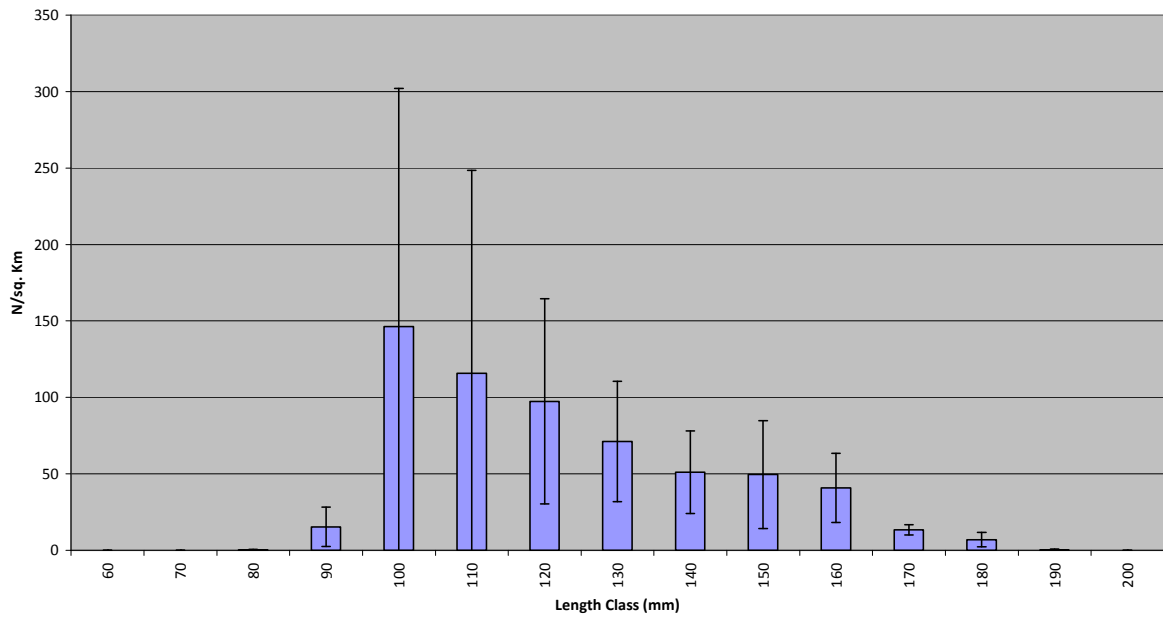
Phycis blennoides- 2005-2008



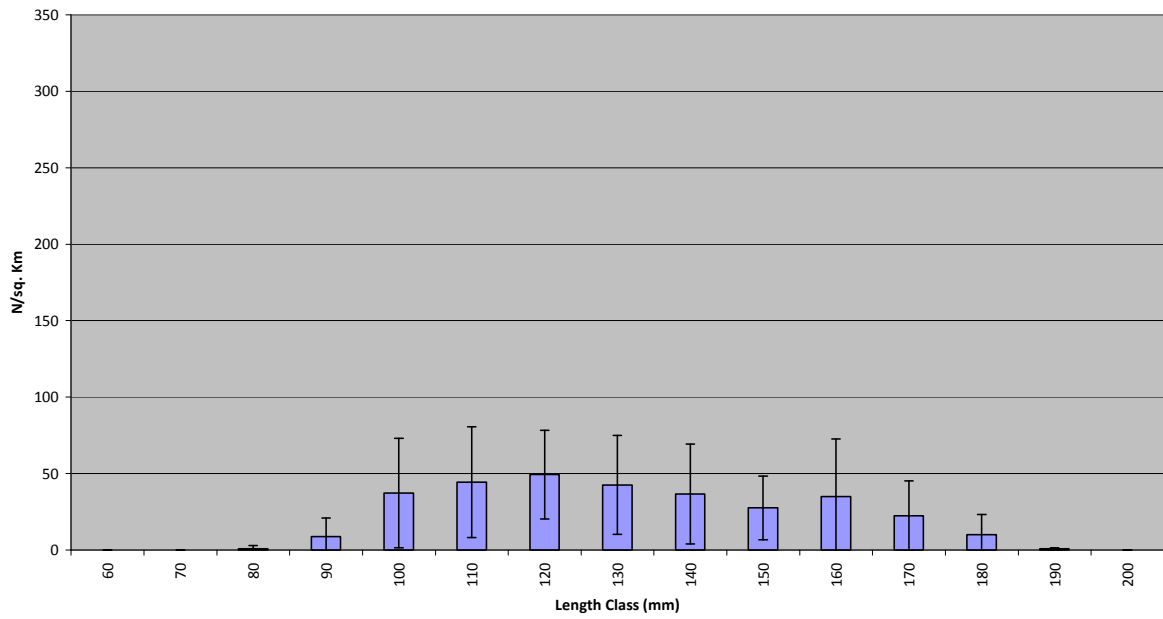
Phycis blennoides- 2009-2012



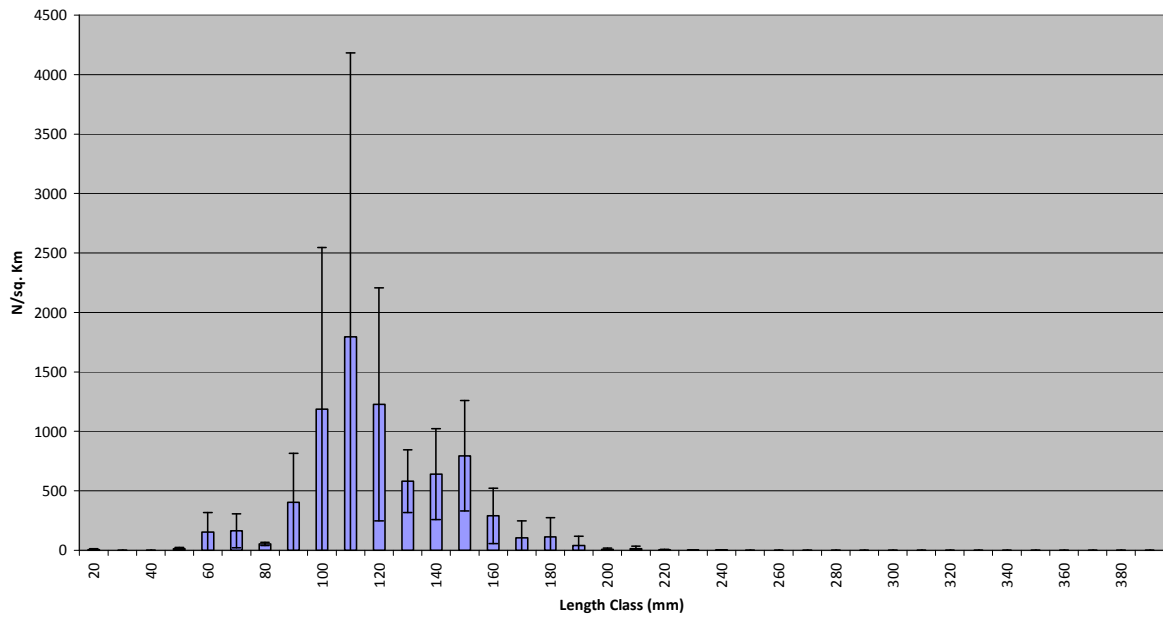
***Spicara flexuosa* - 2005-2008**



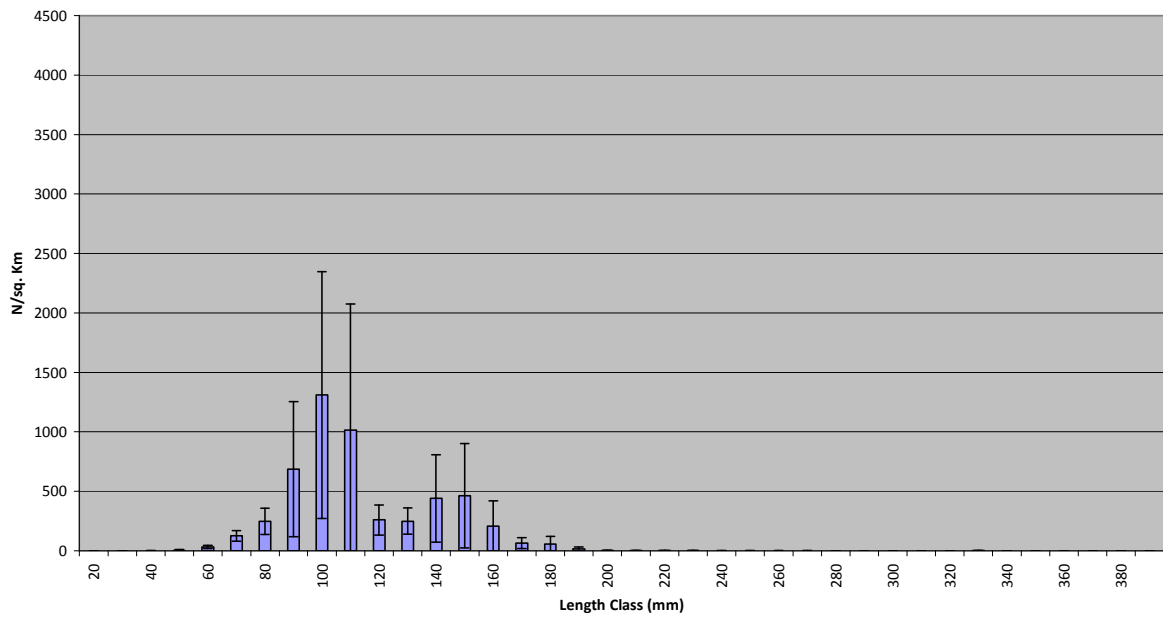
***Spicara flexuosa* - 2009-2012**



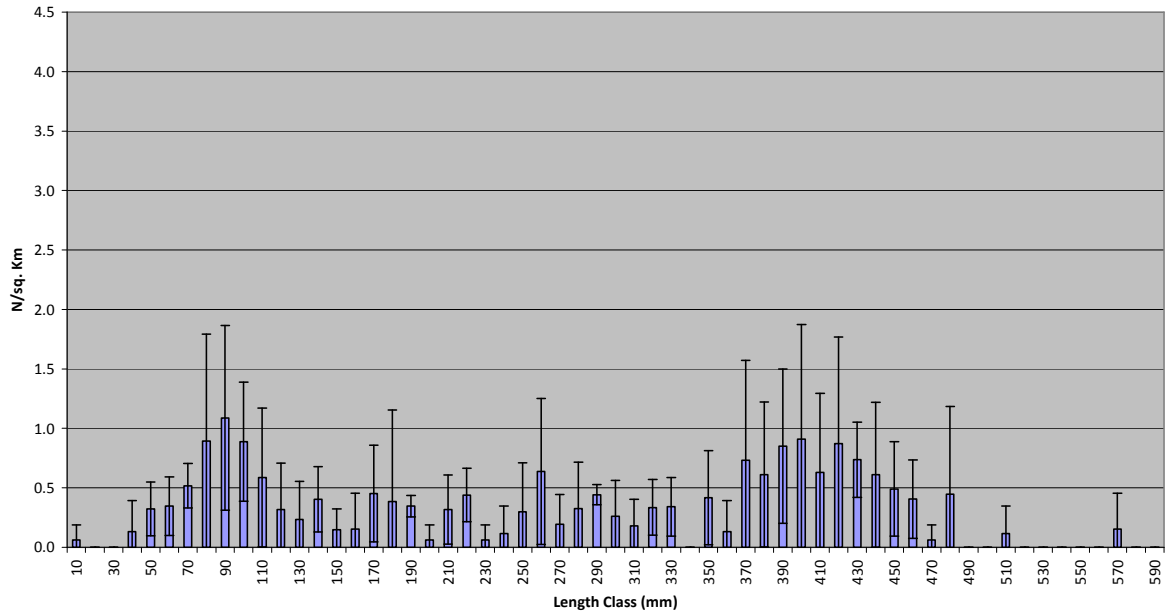
Trachurus trachurus- 2005-2008



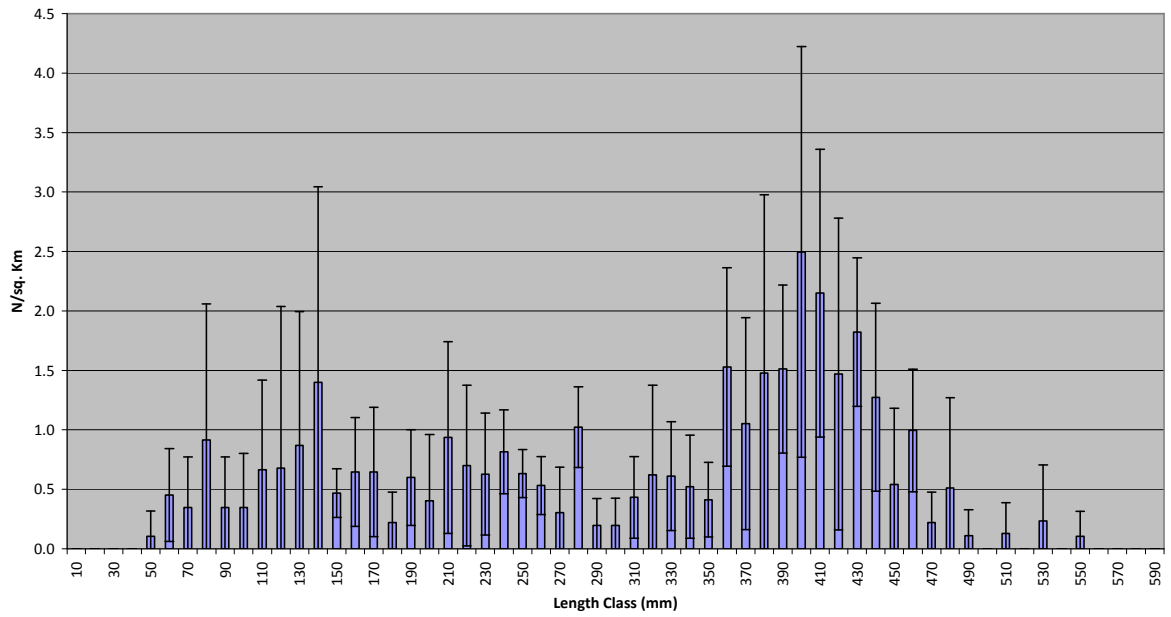
Trachurus trachurus- 2009-2012



***Zeus faber* - 2005-2008**

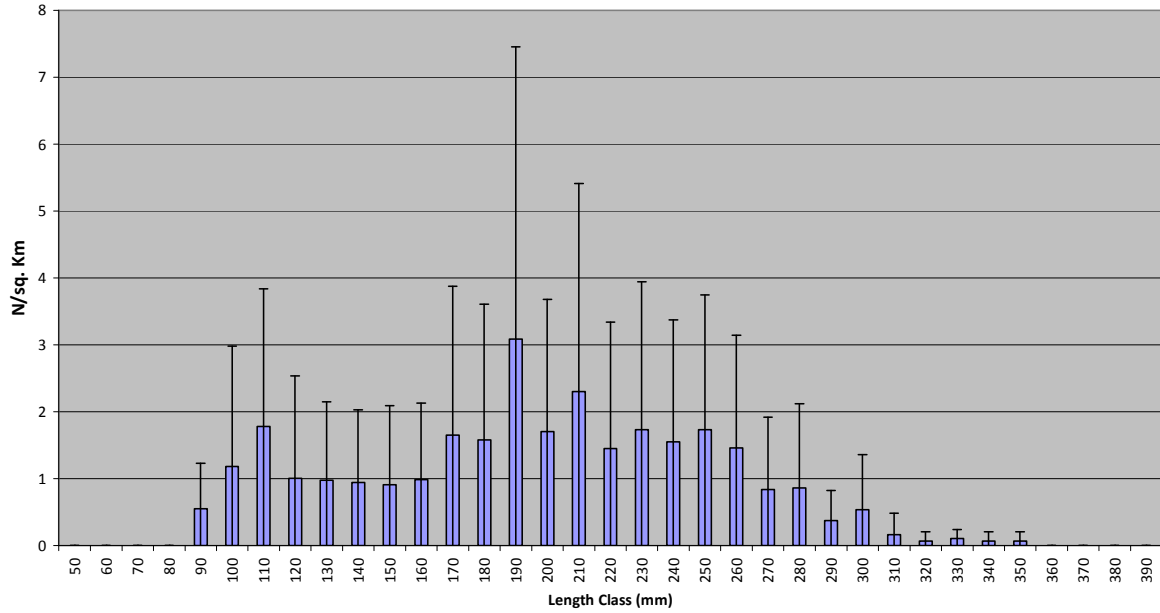


***Zeus faber* - 2009-2012**

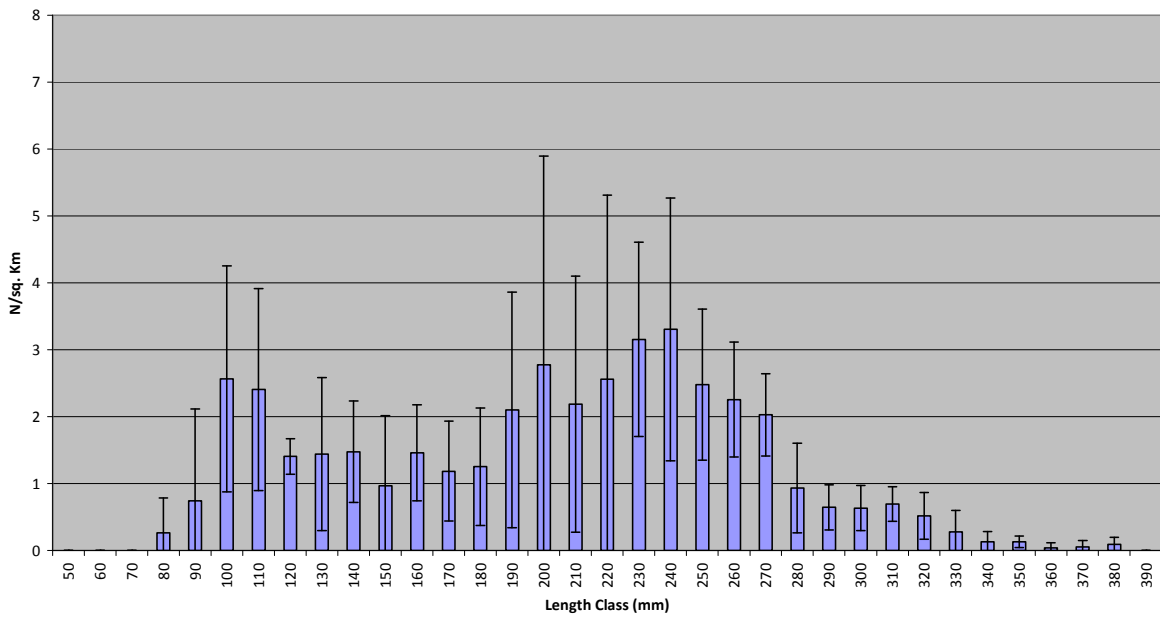


Elasmobranchs

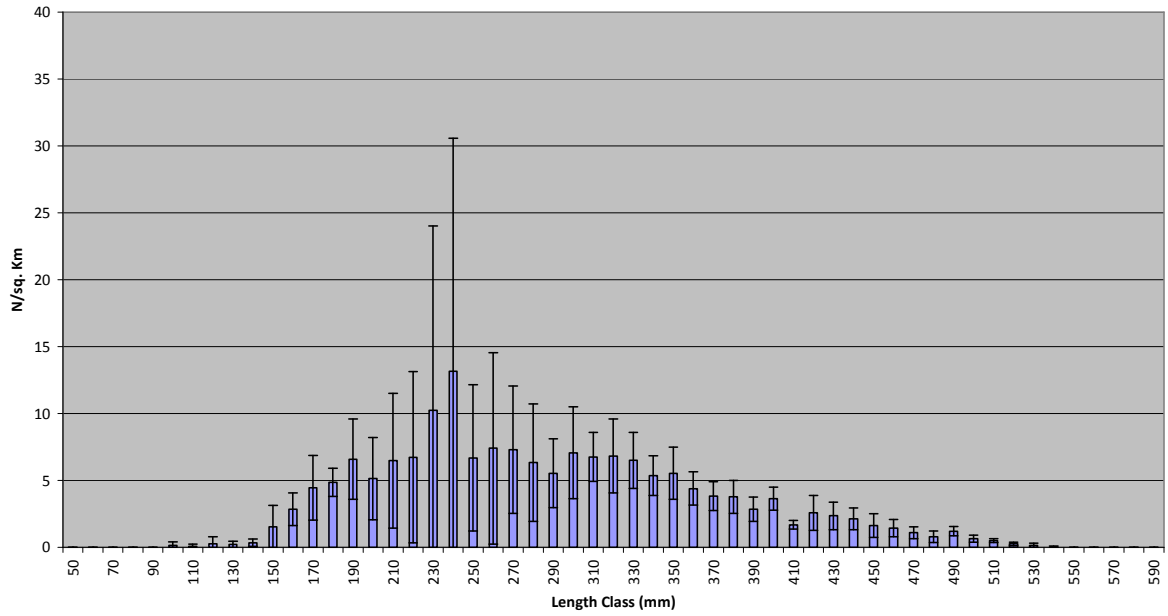
Etmopterus spinax - 2005 - 2008



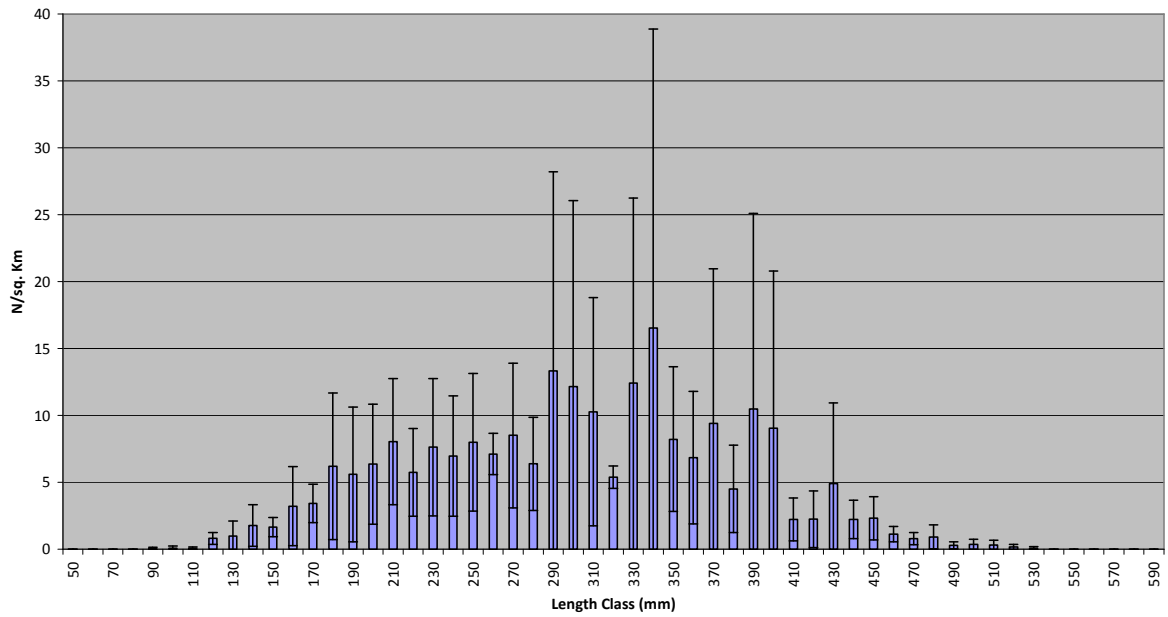
Etmopterus spinax - 2009-2012



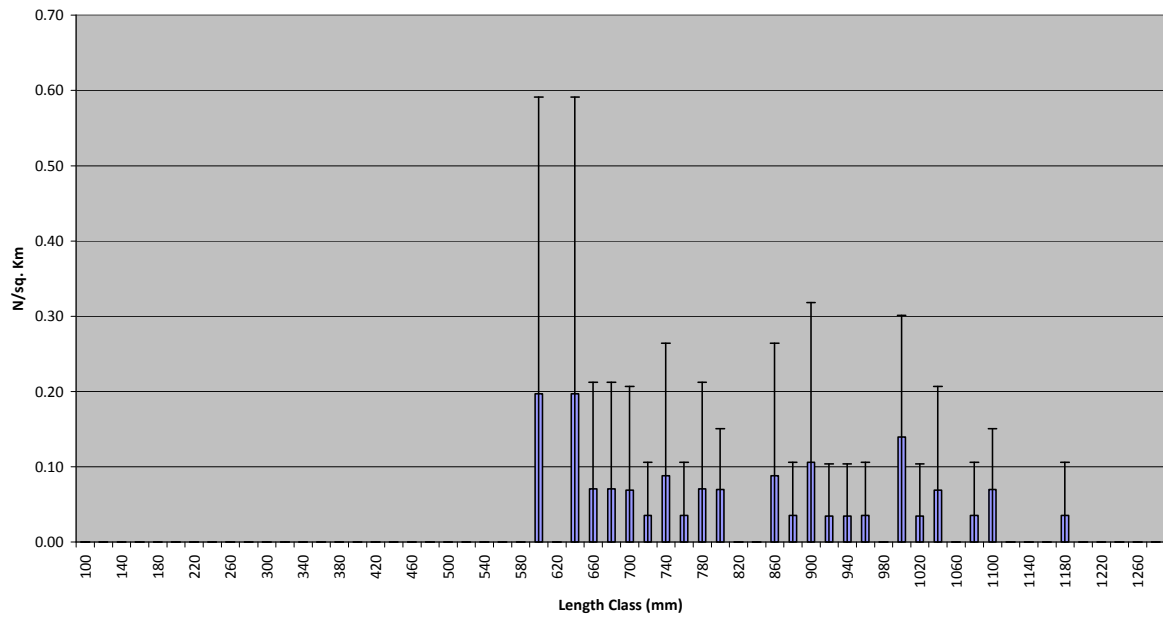
Galeus melastomus - 2005-2008



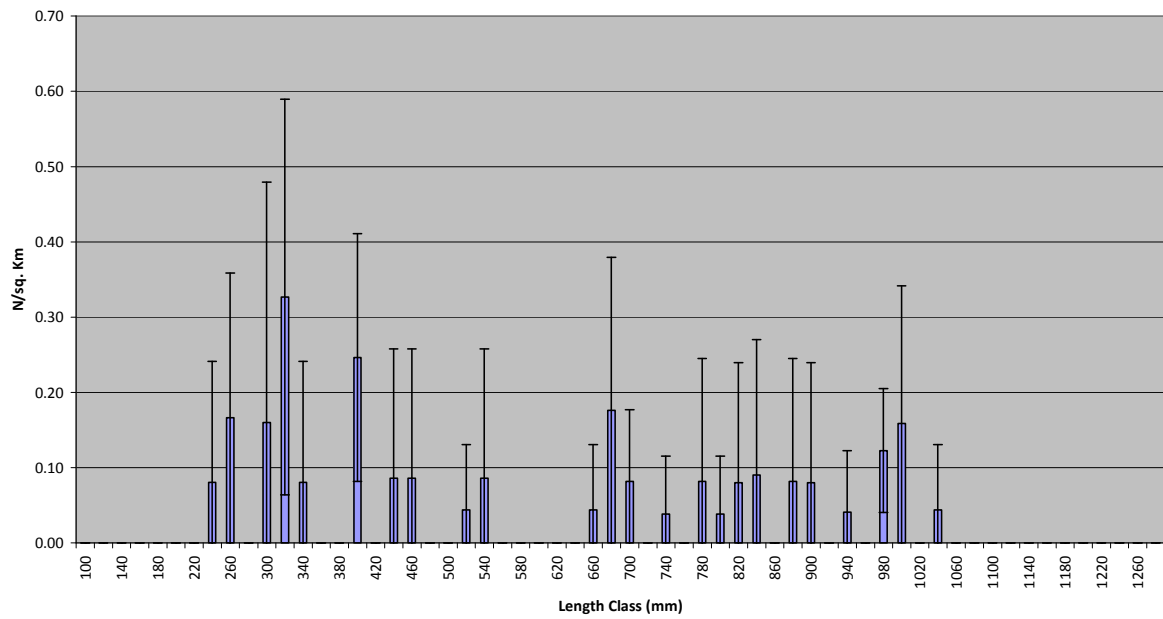
Galeus melastomus - 2009-2012



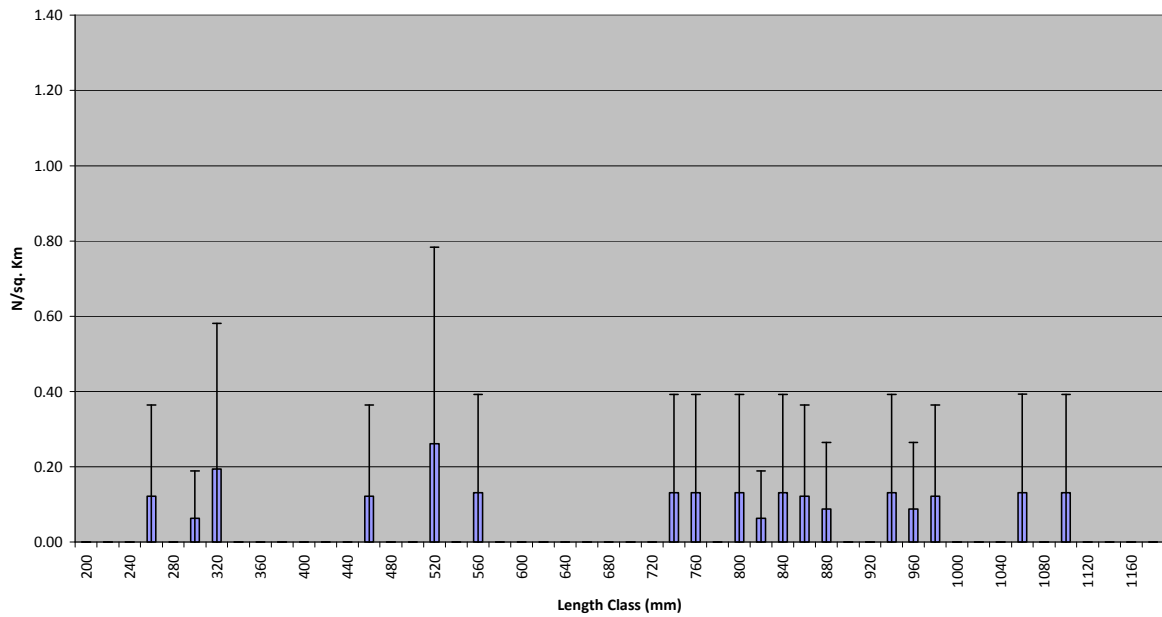
***Heptatrachias perlo* - 2005-2008**



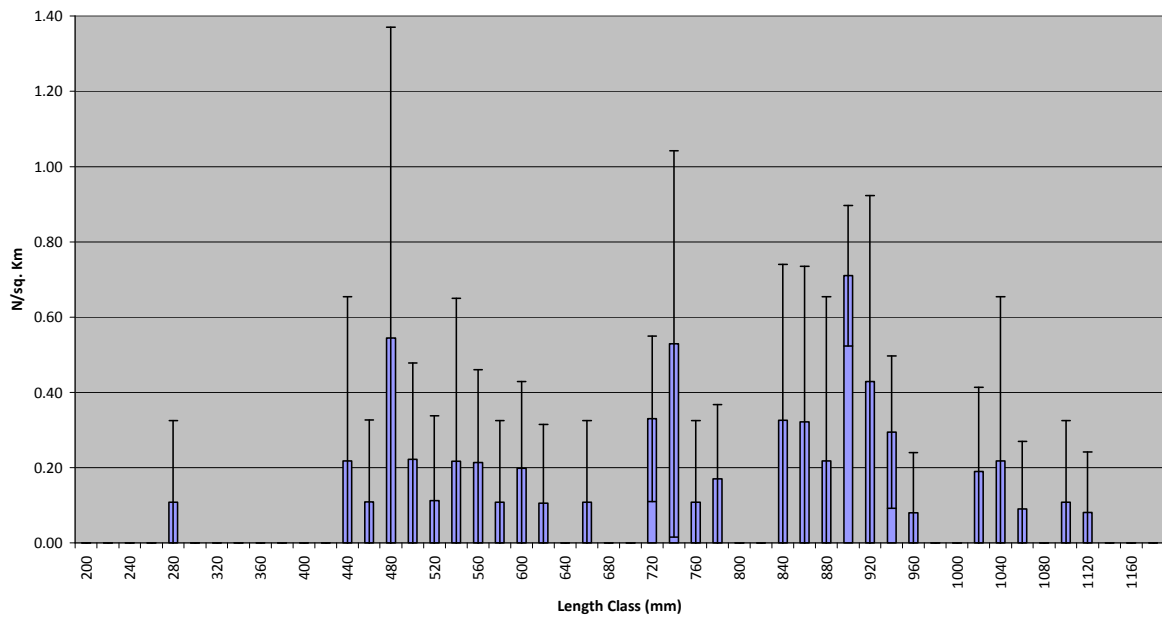
***Heptatrachias perlo* - 2009-2012**



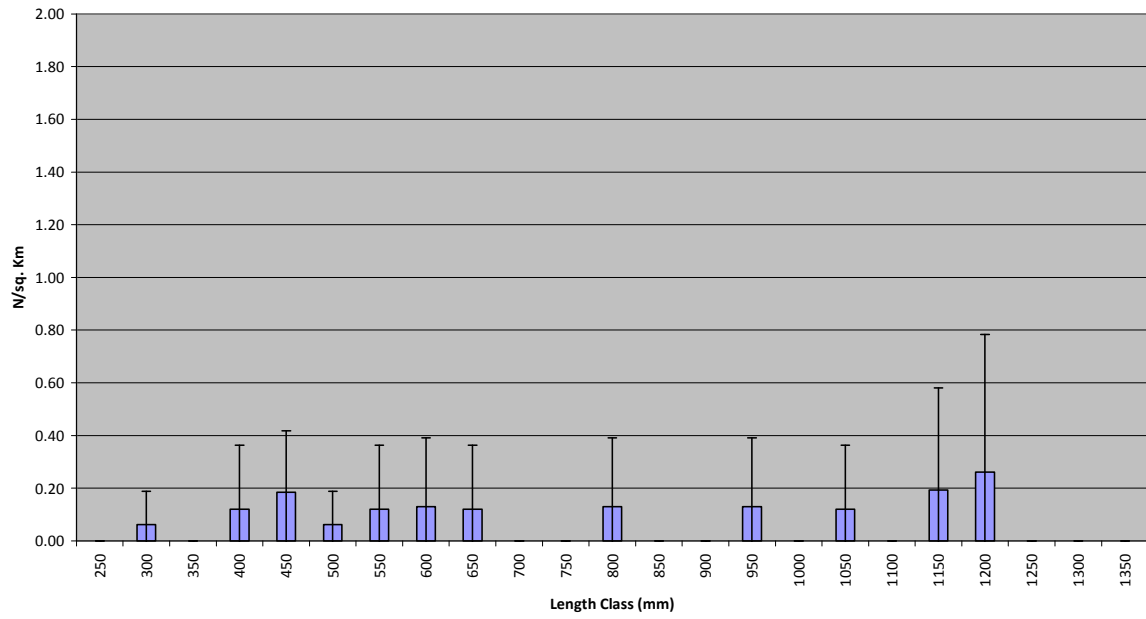
***Mustelus asterias* - 2005-2008**



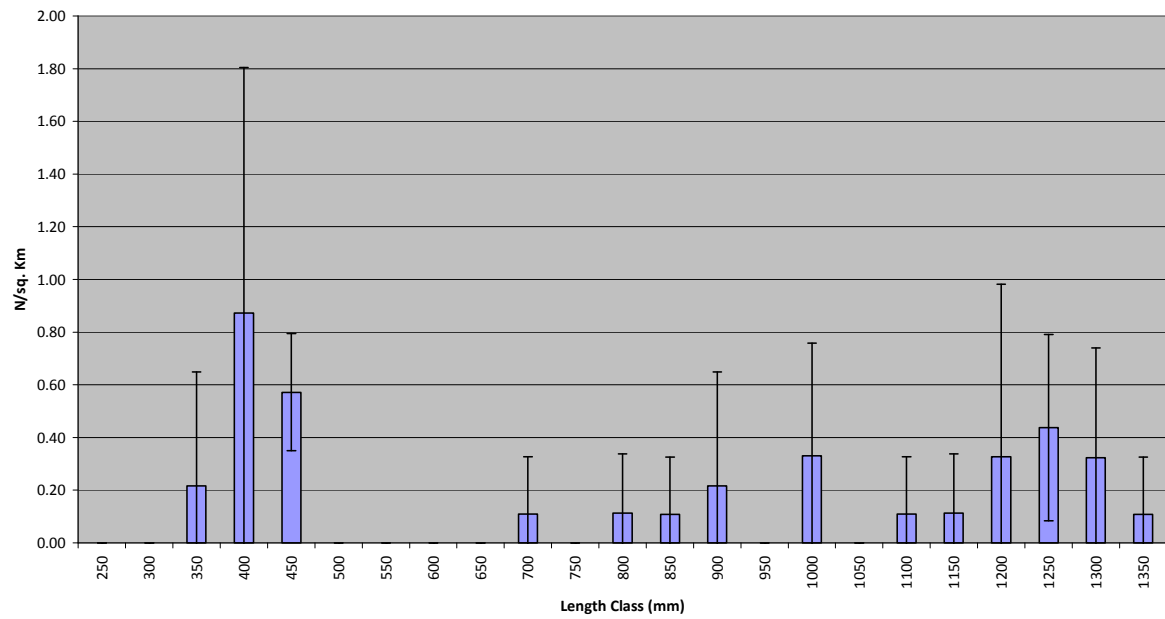
***Mustelus asterias* - 2009-2012**



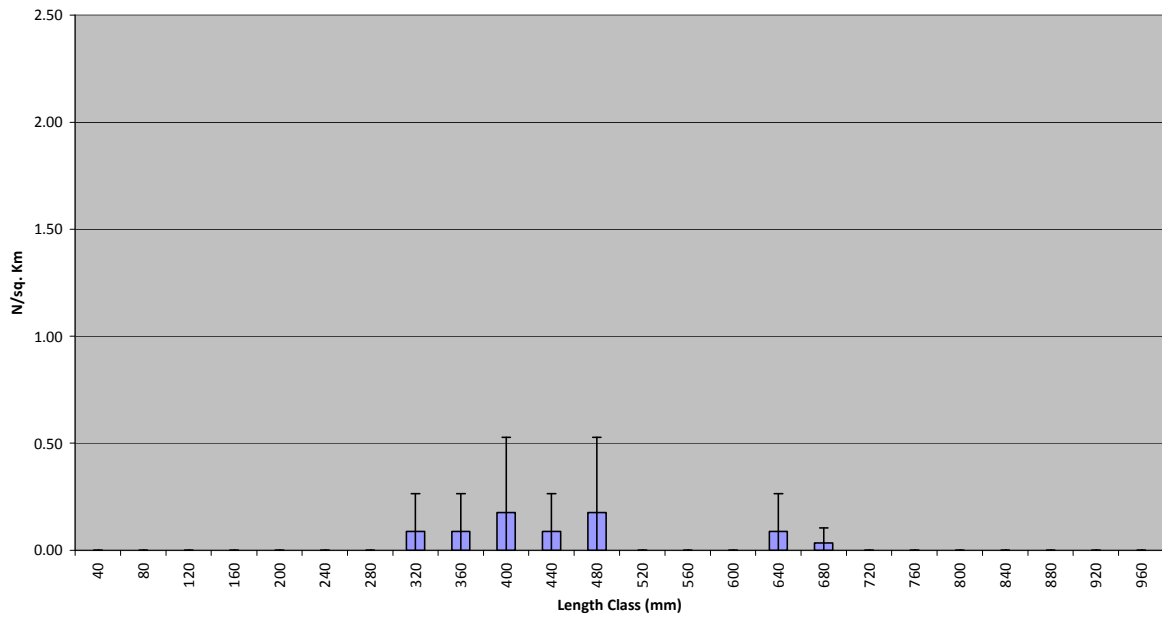
***Mustelus mustelus* - 2005-2008**



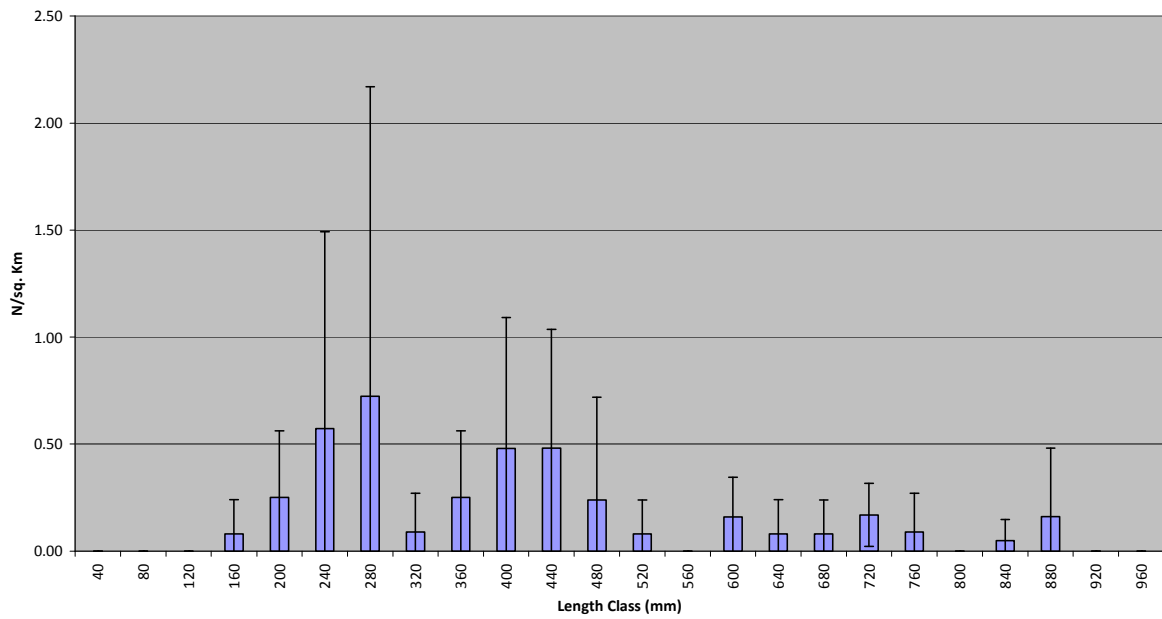
***Mustelus mustelus* - 2009-2012**



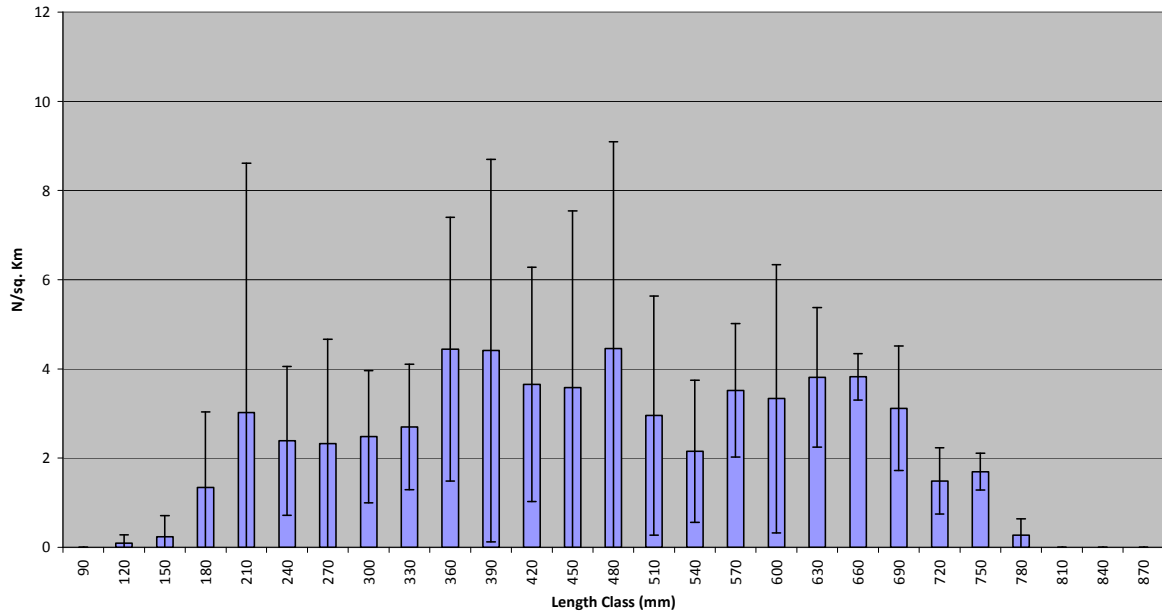
***Raja circularis* - 2005-2008**



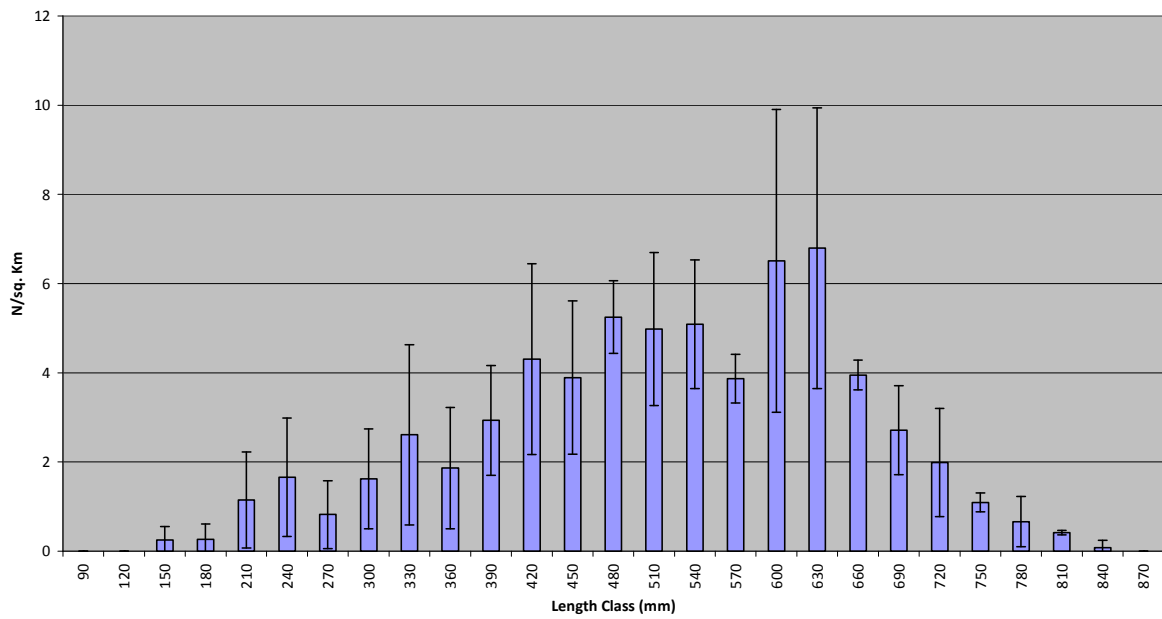
***Raja circularis* - 2009-2012**



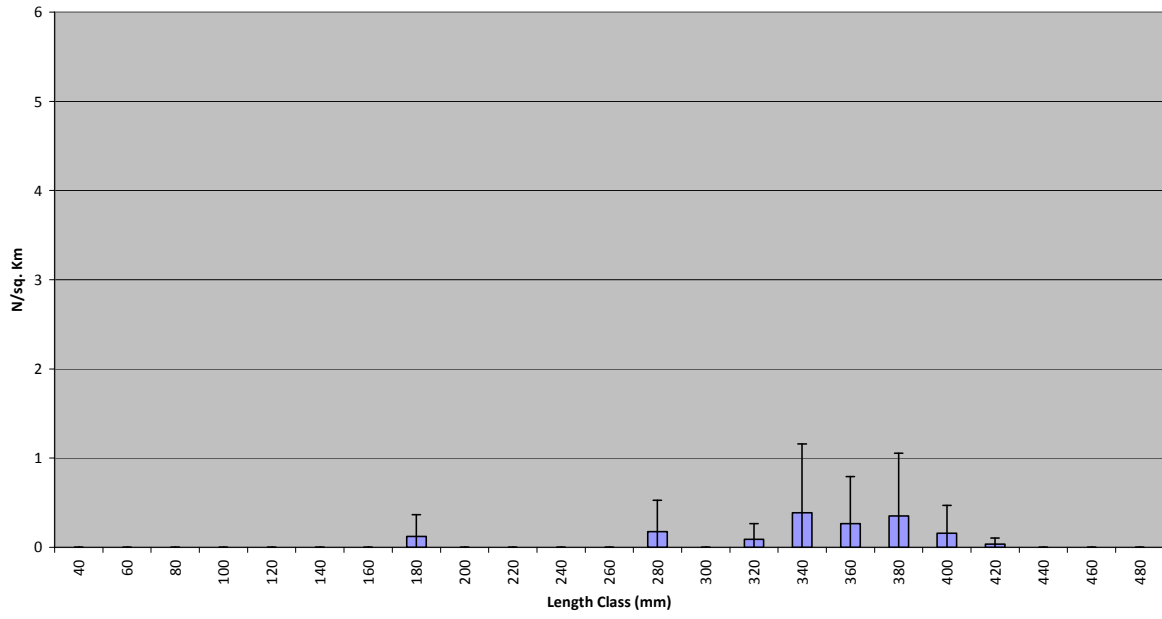
***Raja clavata* - 2005-2008**



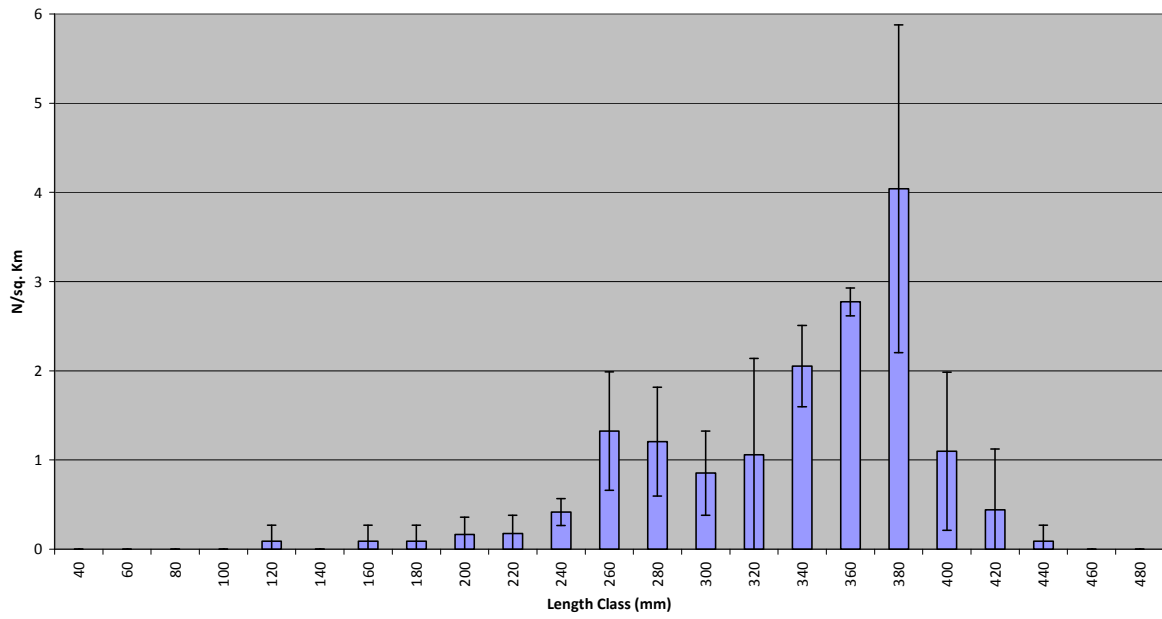
***Raja clavata* - 2009-2012**



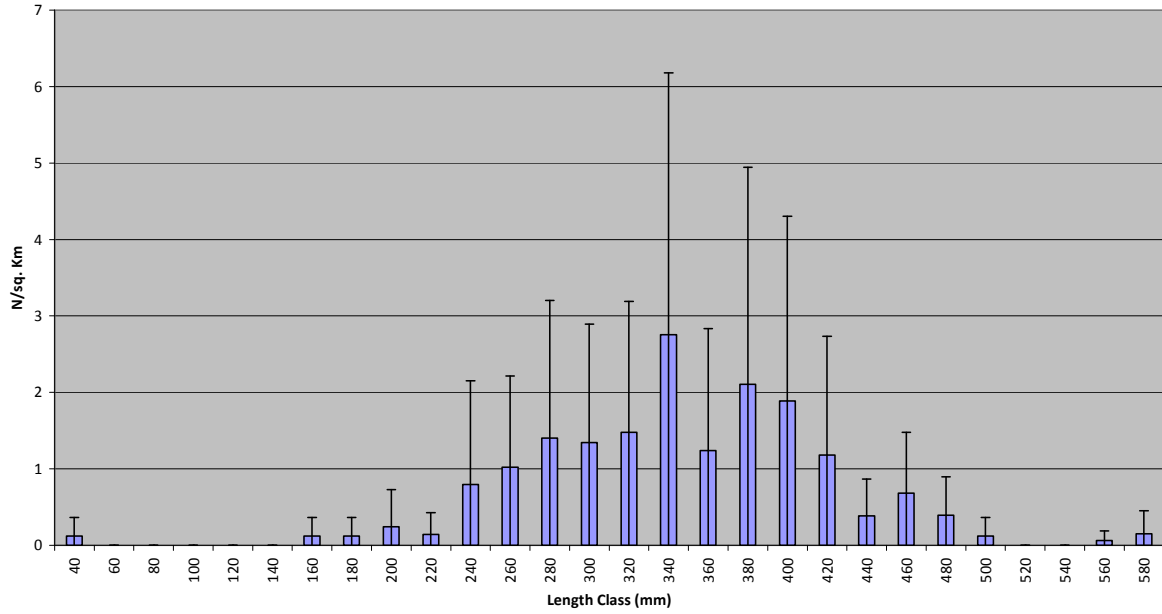
***Raja melitensis* - 2005-2008**



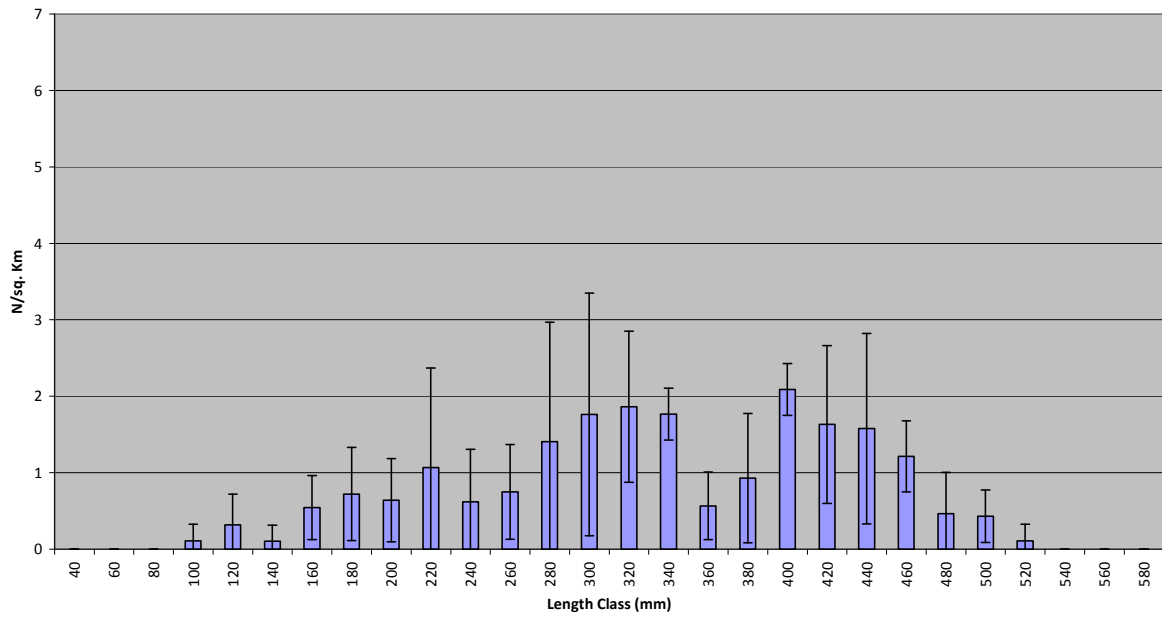
***Raja melitensis* - 2009-2012**



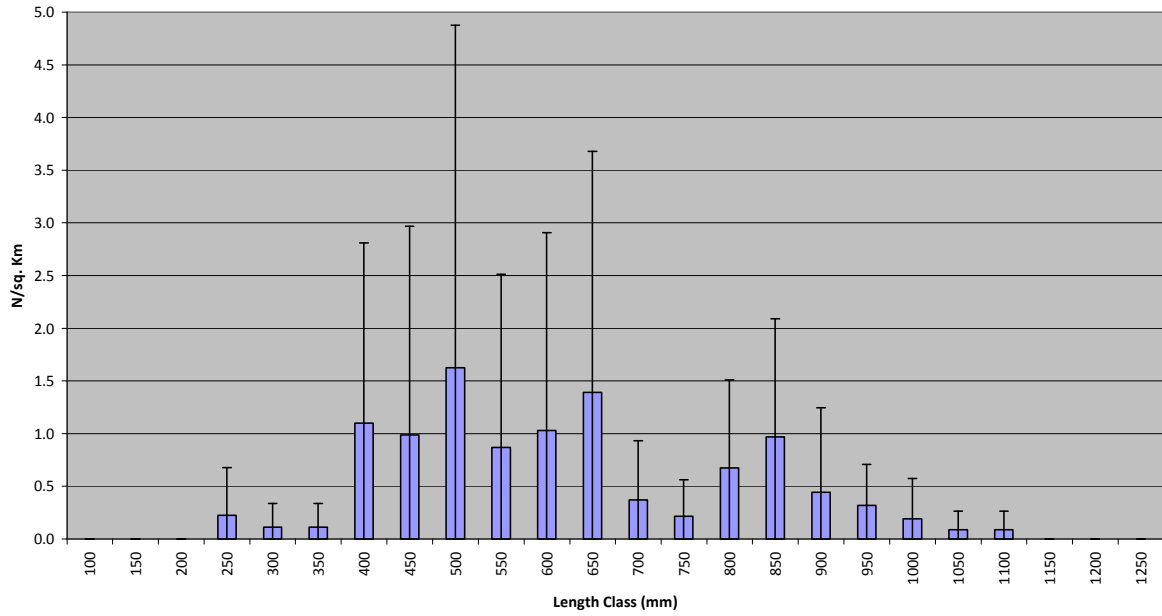
***Raja miraletus* - 2005-2008**



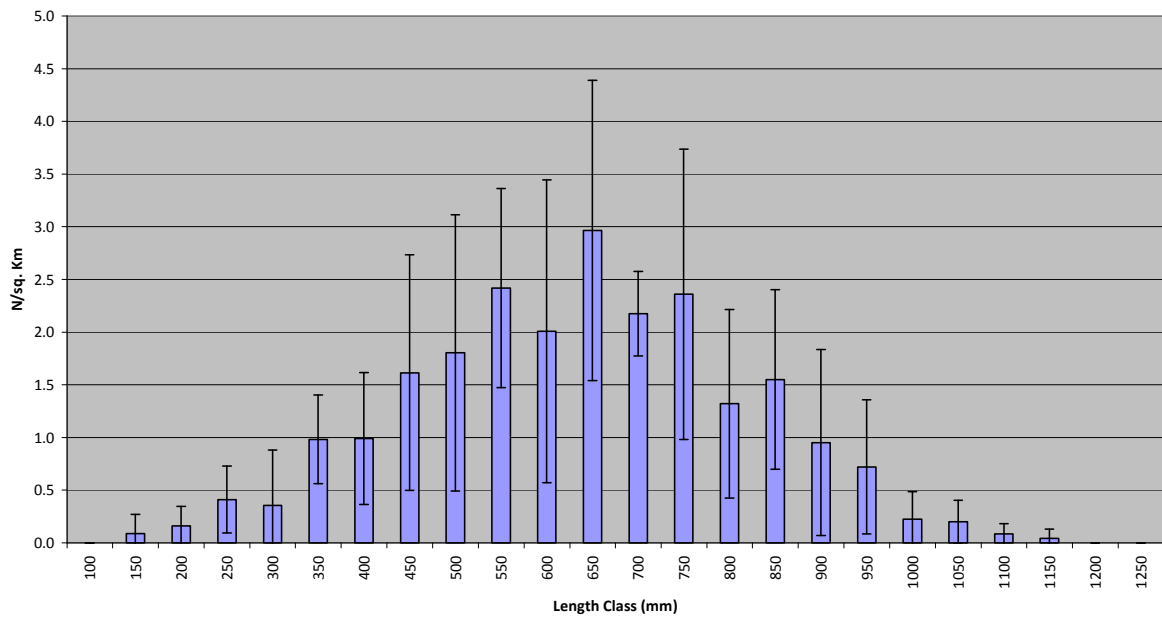
***Raja miraletus* - 2009-2012**



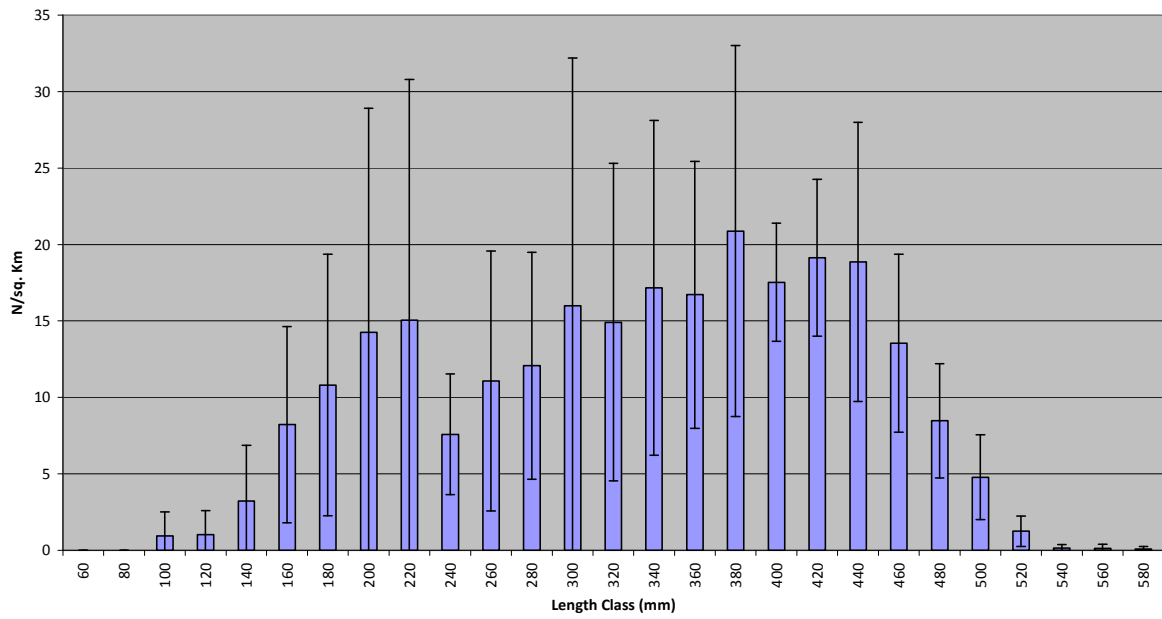
***Raja oxyrinchus*- 2005-2008**



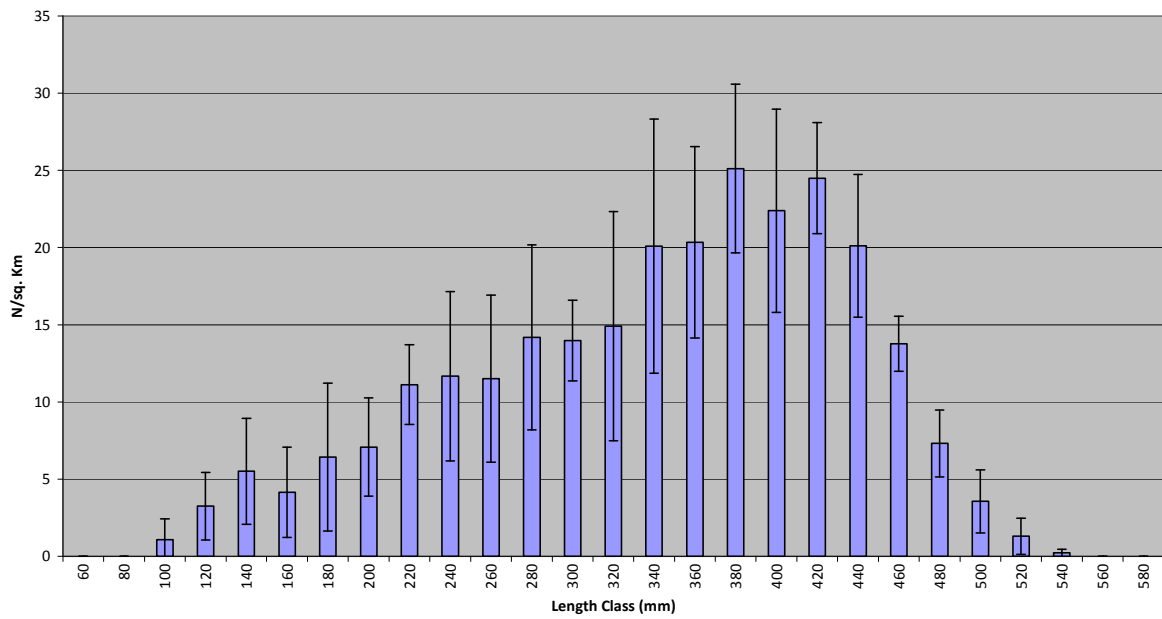
***Raja oxyrinchus*- 2009-2012**



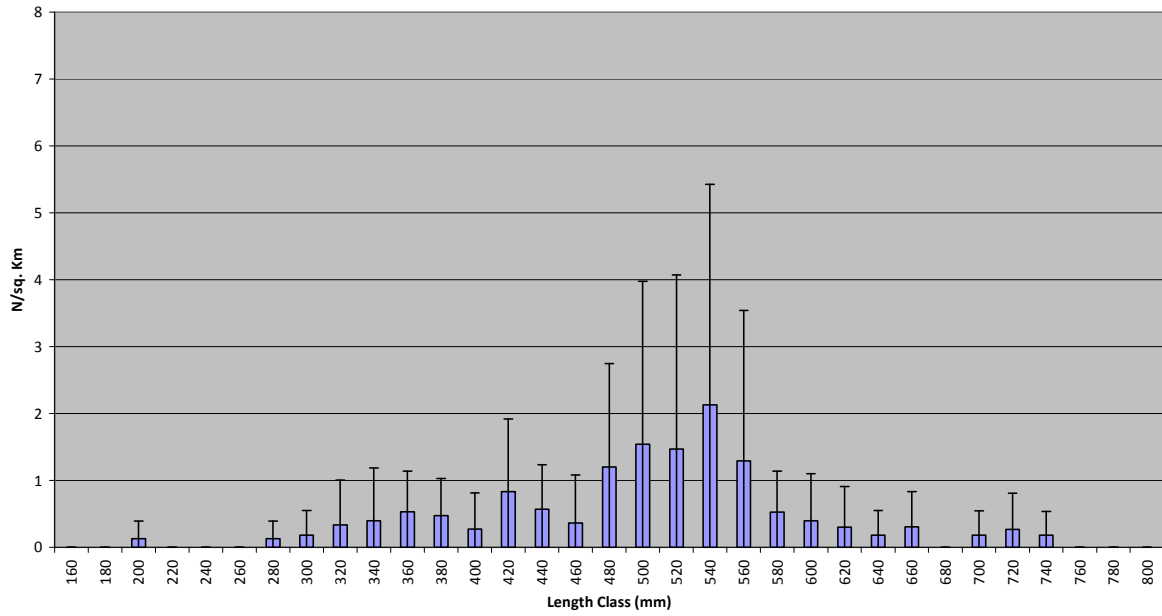
Scyliorhinus canicula - 2005-2008



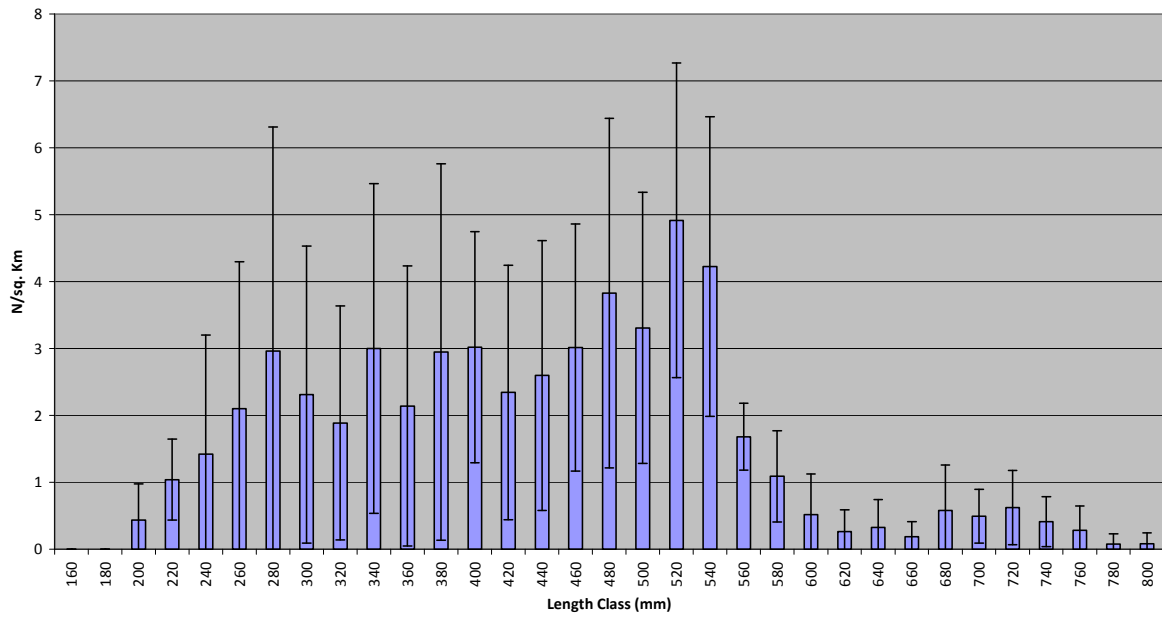
Scyliorhinus canicula - 2009-2012



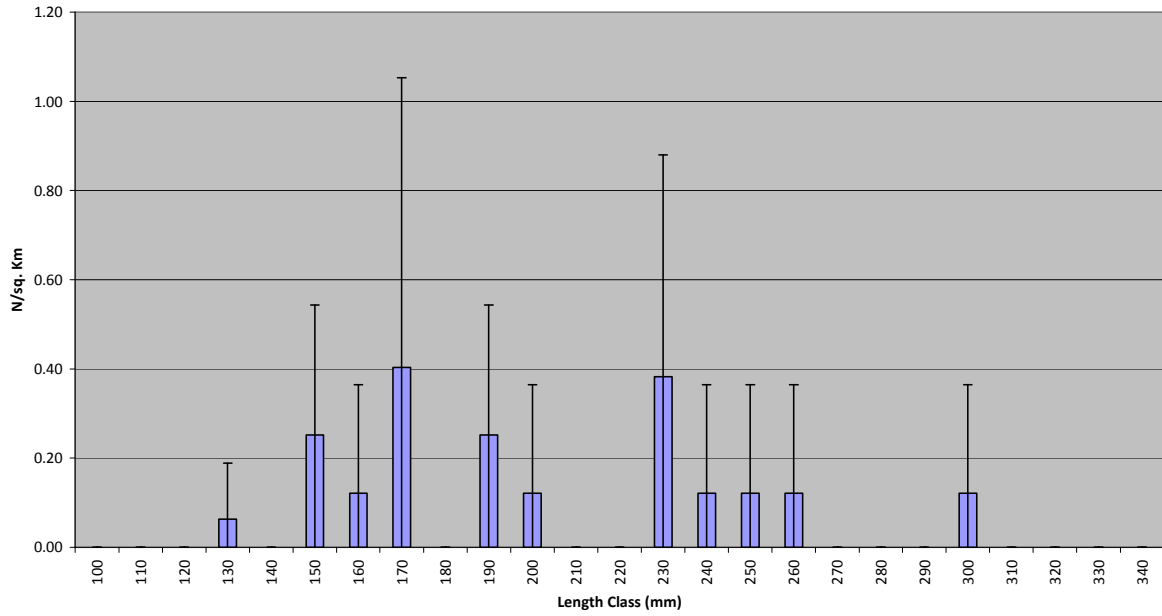
***Squalus blainvillei* - 2005-2008**



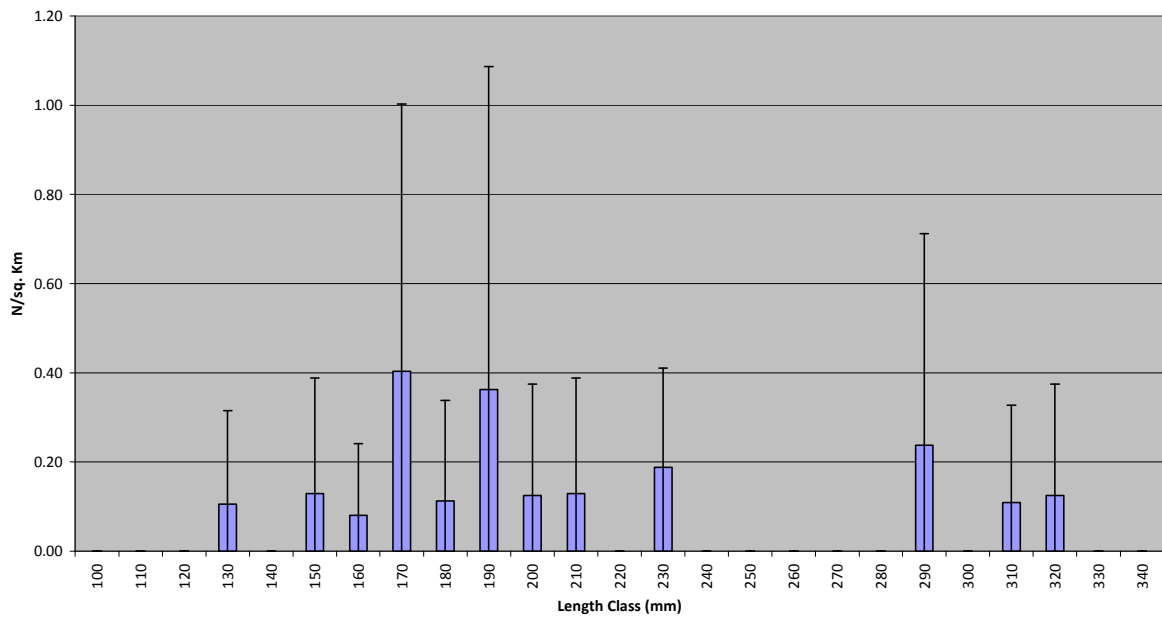
***Squalus blainvillei* - 2009-2012**



***Torpedo marmorata* - 2005-2008**

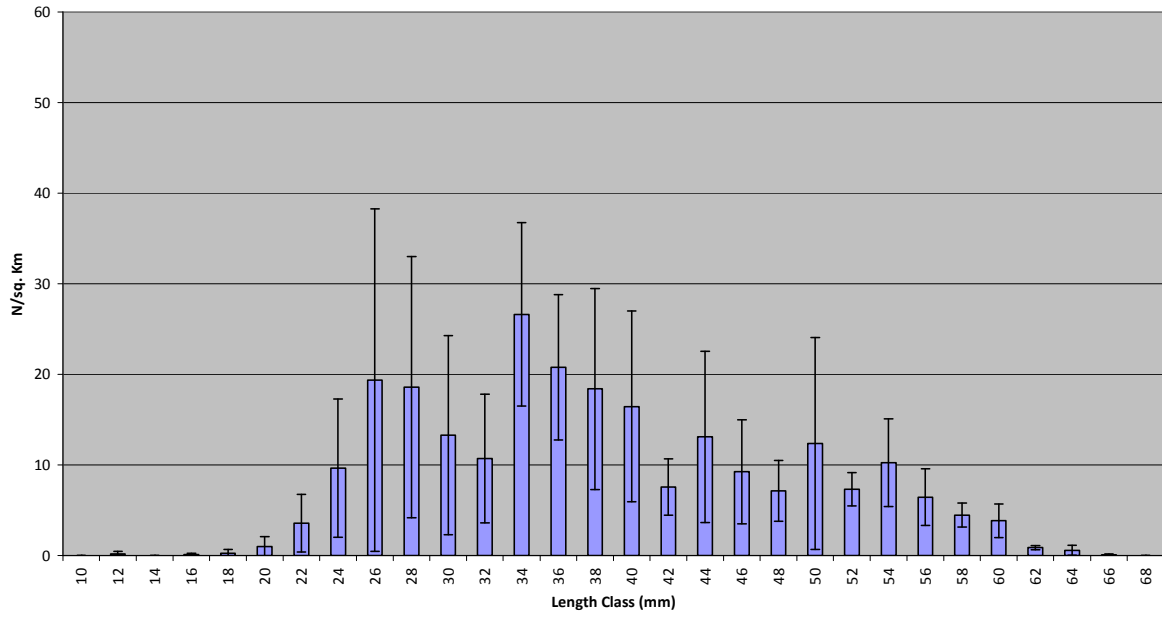


***Torpedo marmorata* - 2009-2012**

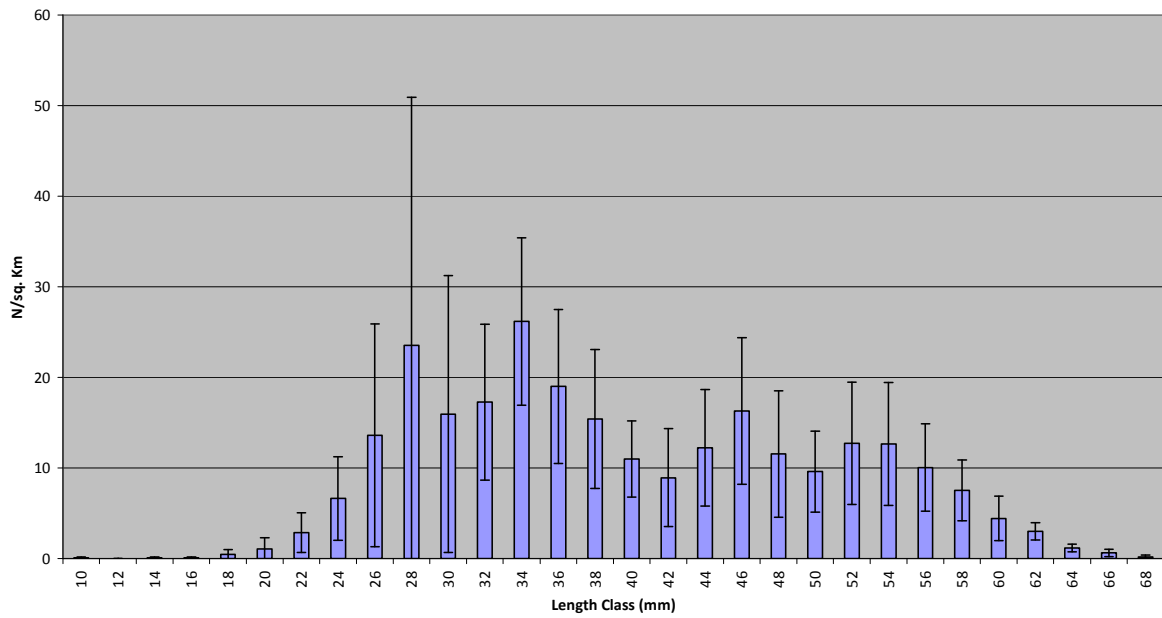


Crustacea

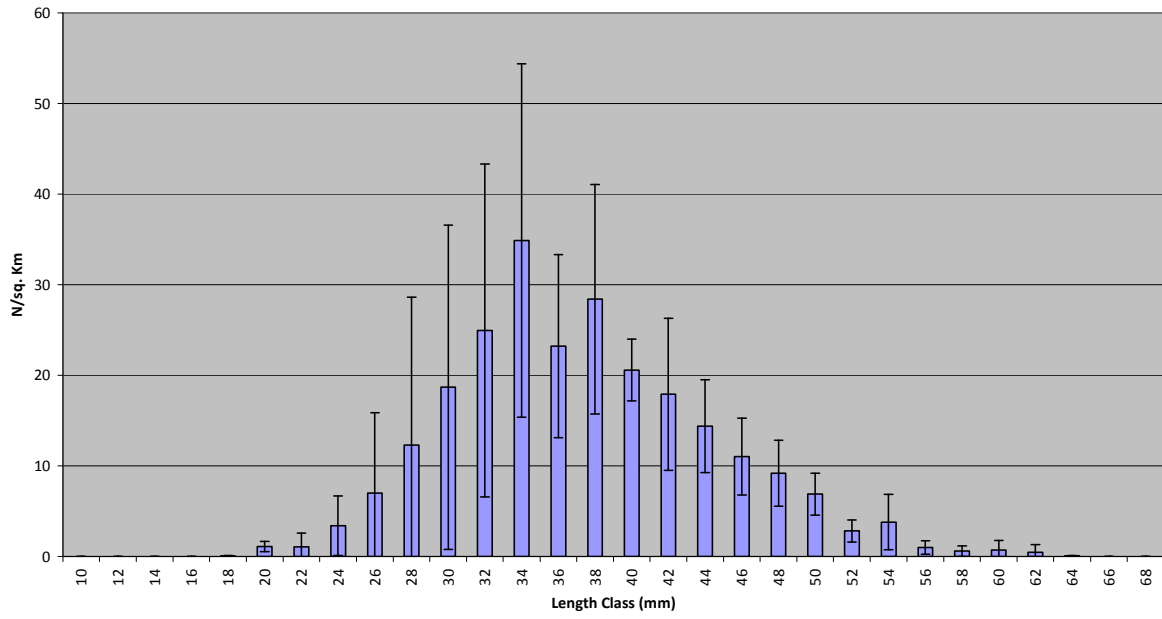
Aristaeomorpha foliacea - 2005 - 2008



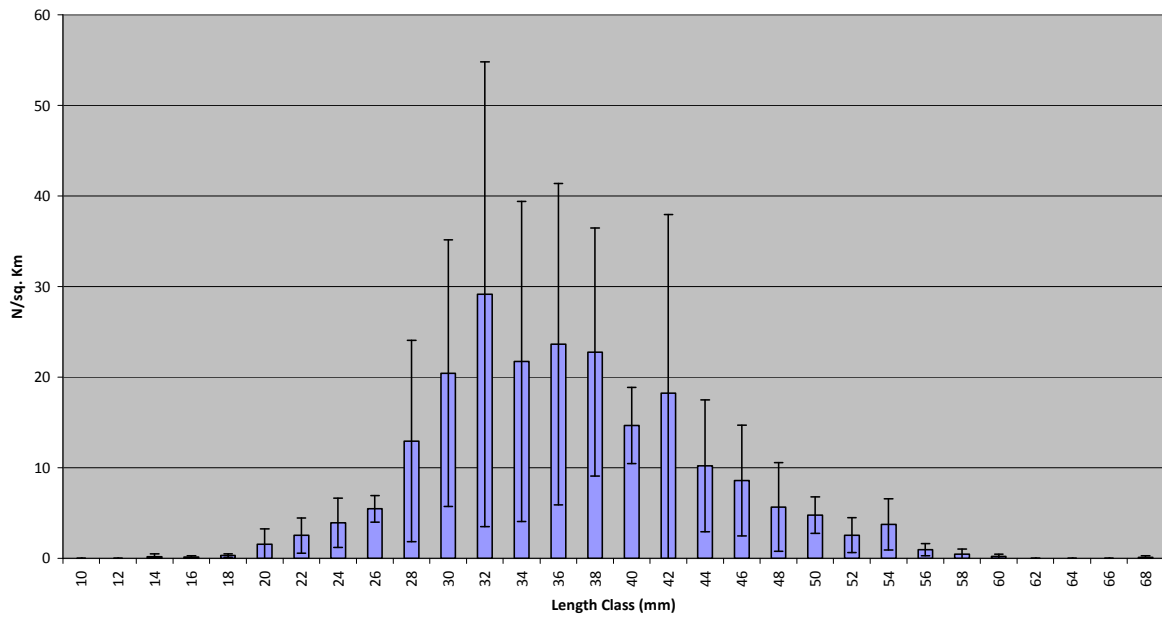
Aristaeomorpha foliacea - 2009 - 2012



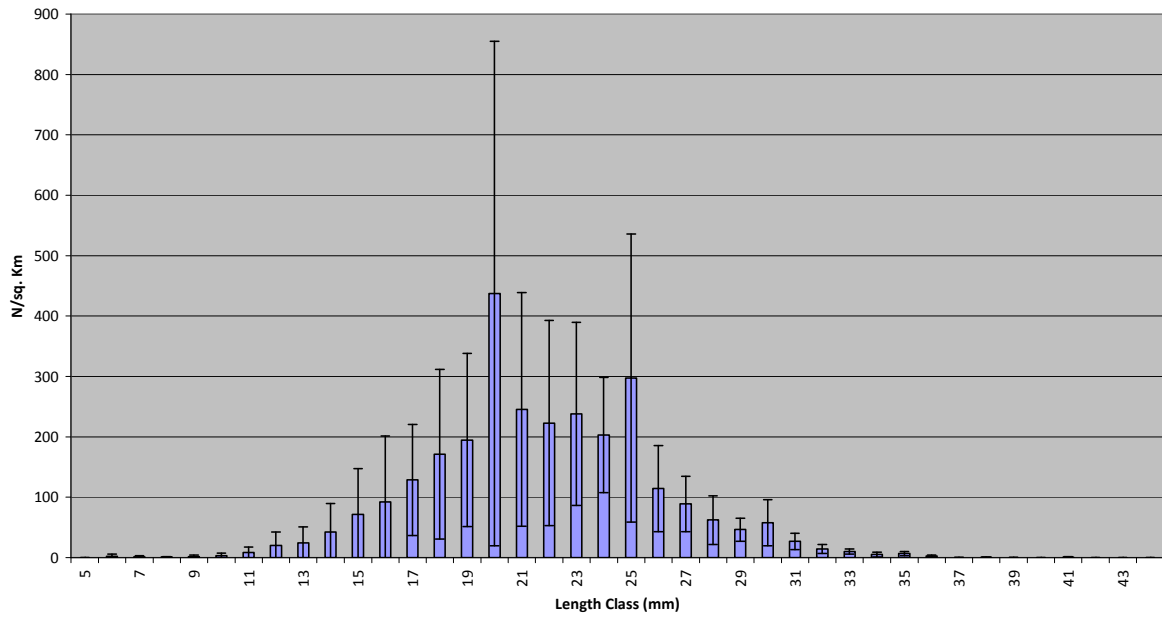
***Nephrops norvegicus* - 2005 - 2008**



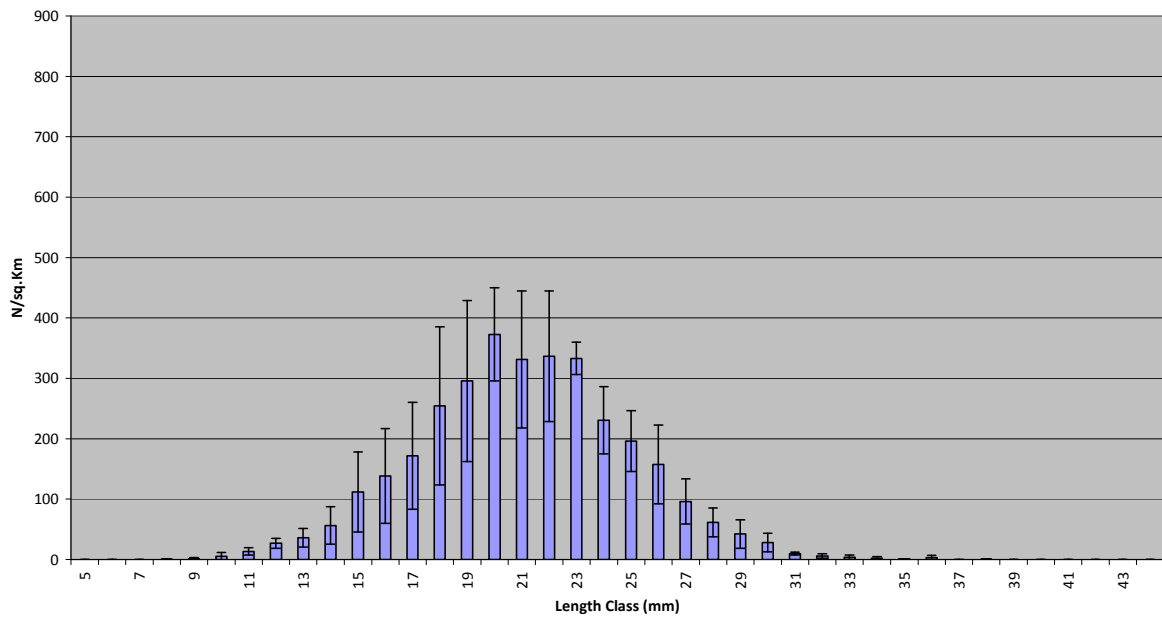
***Nephrops norvegicus* - 2009 - 2012**



***Parapenaeus longirostris* - 2005 - 2008**

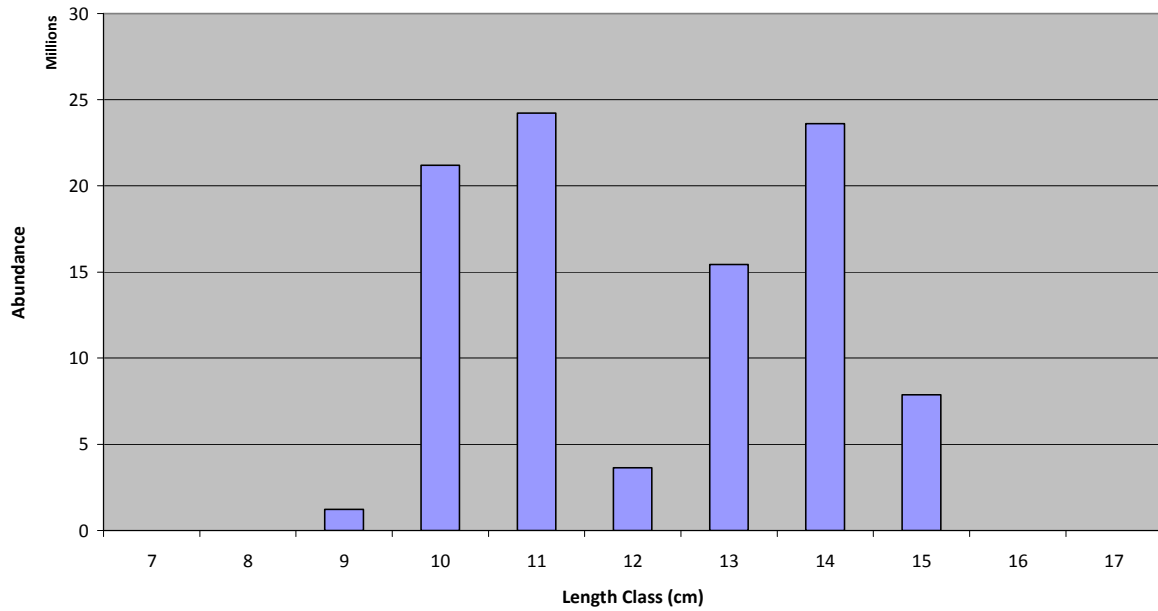


***Parapenaeus longirostris* - 2009 - 2012**

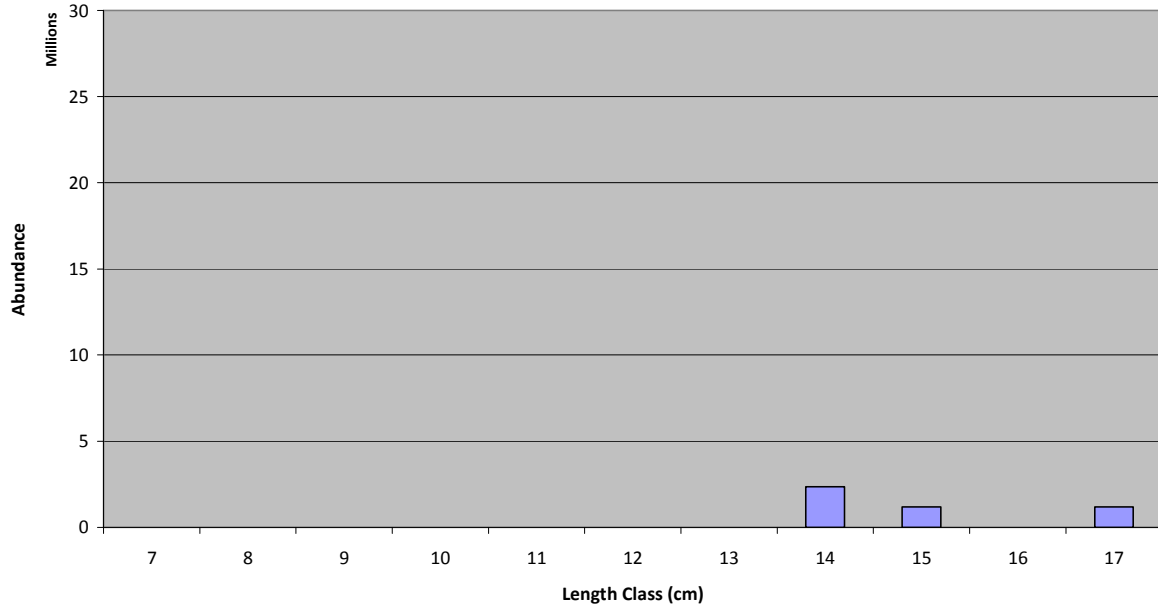


Small Pelagics

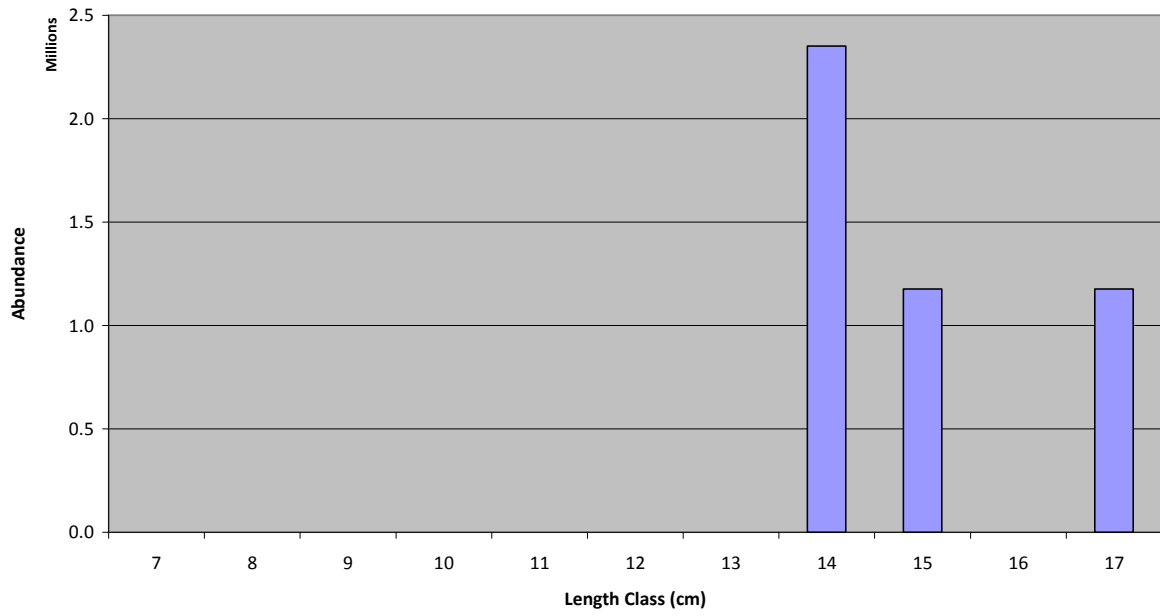
Sardina pilchardus - 2009



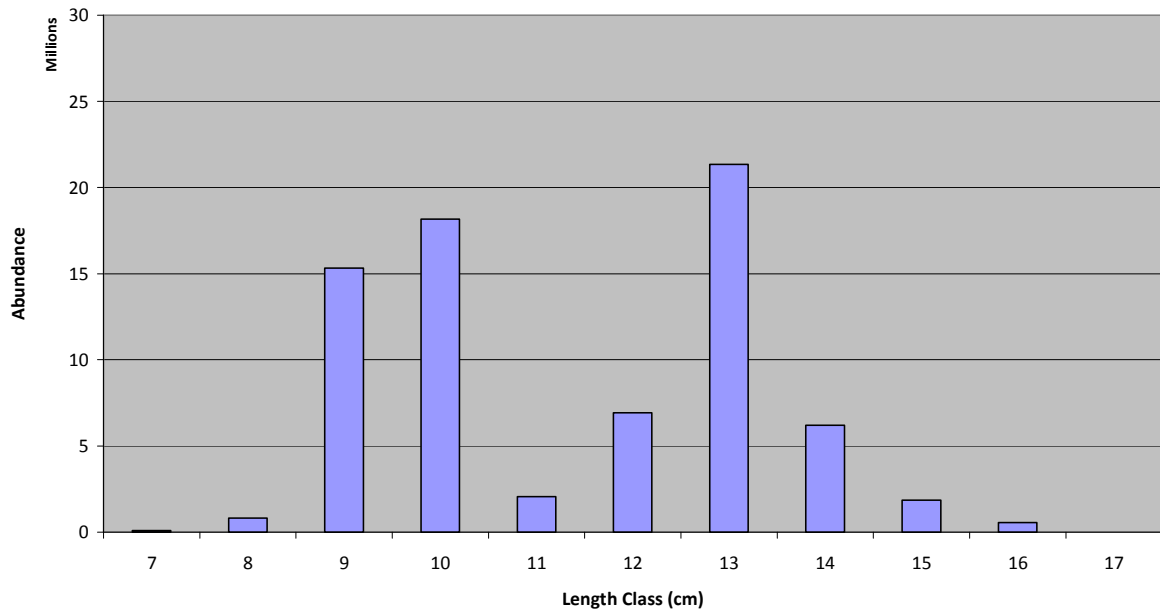
Sardina pilchardus - 2010 (same scale as 2009 and 2011)



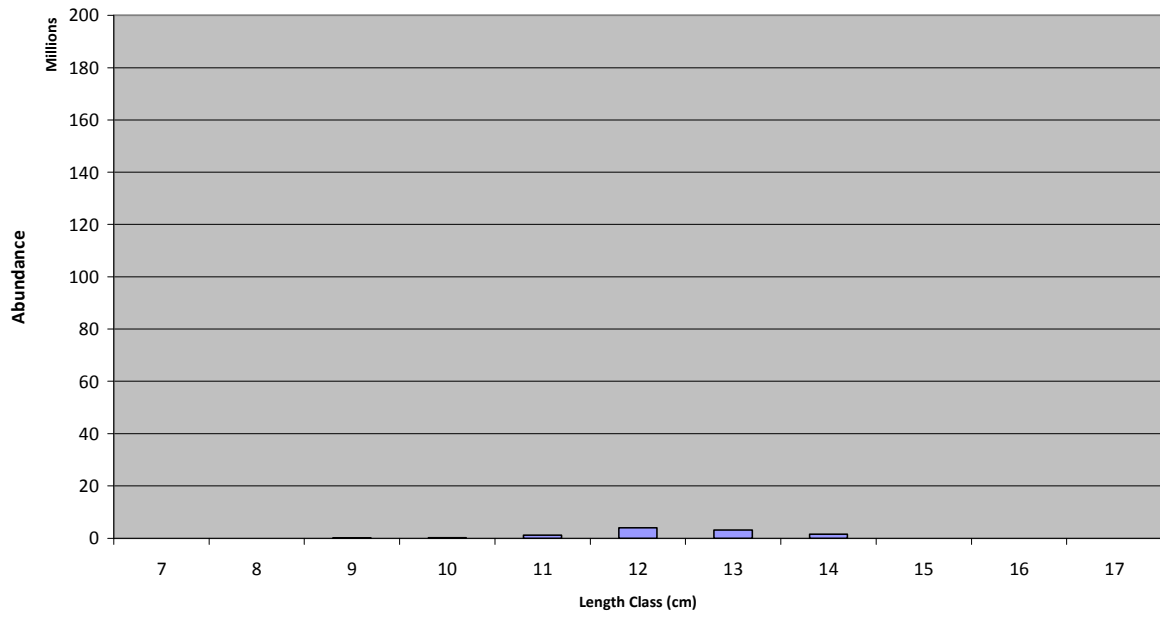
***Sardina pilchardus* - 2010 (larger scale)**



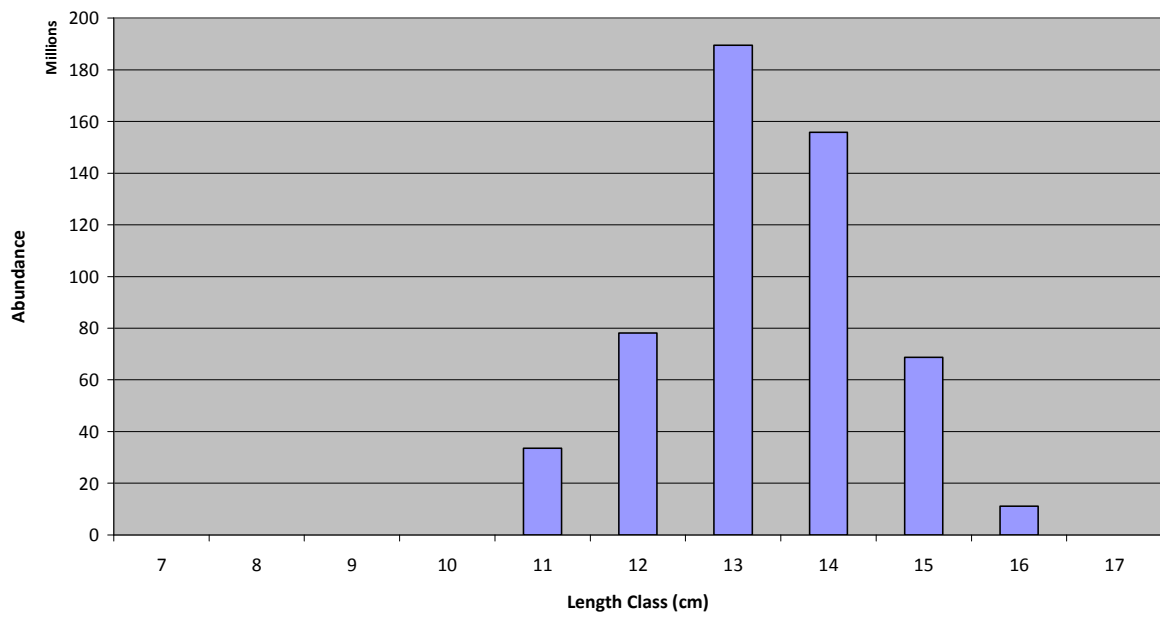
***Sardina pilchardus* - 2011**



***Engraulis encrasicolus* - 2009**



***Engraulis encrasicolus* - 2010**

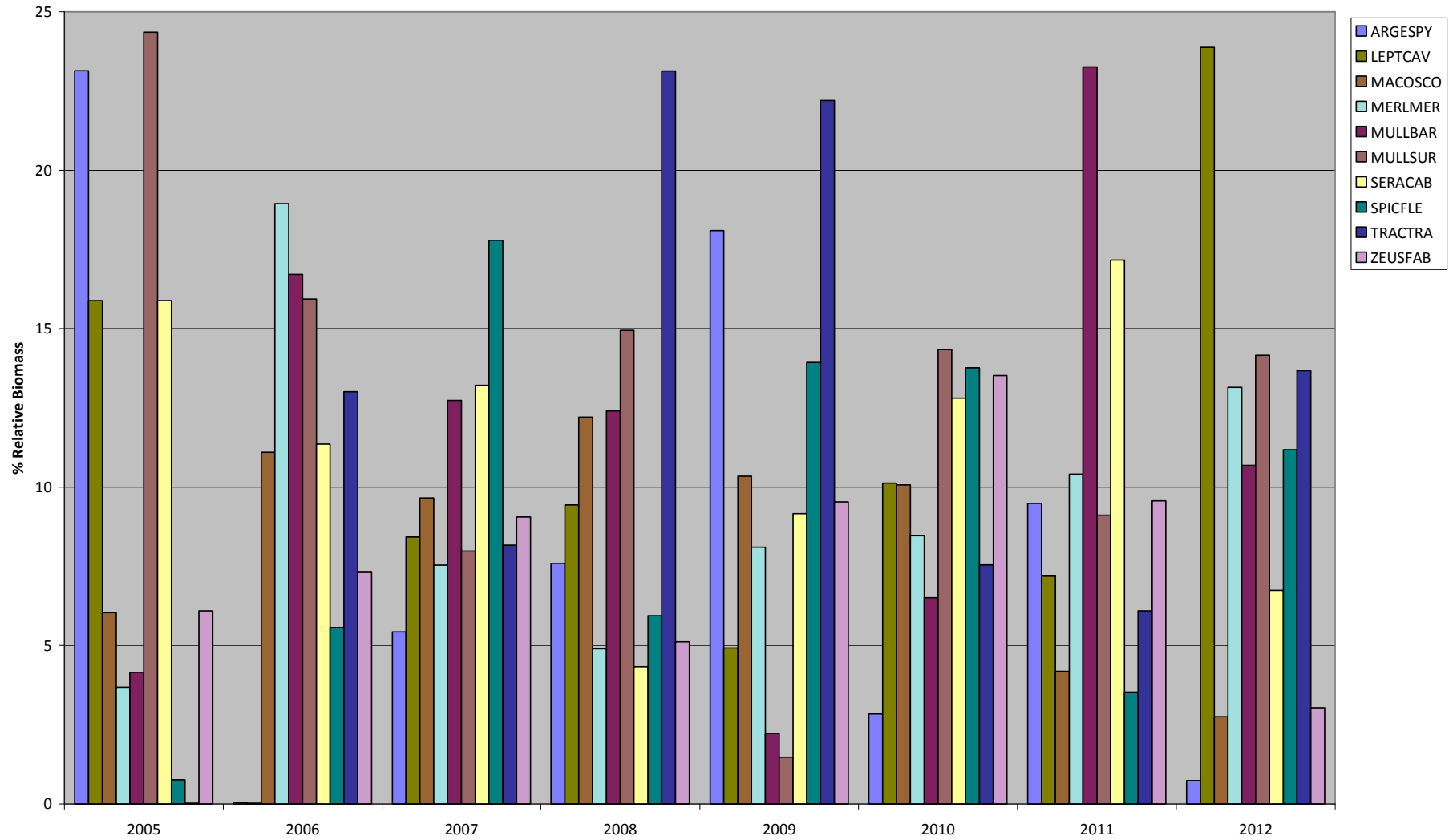


Annex III

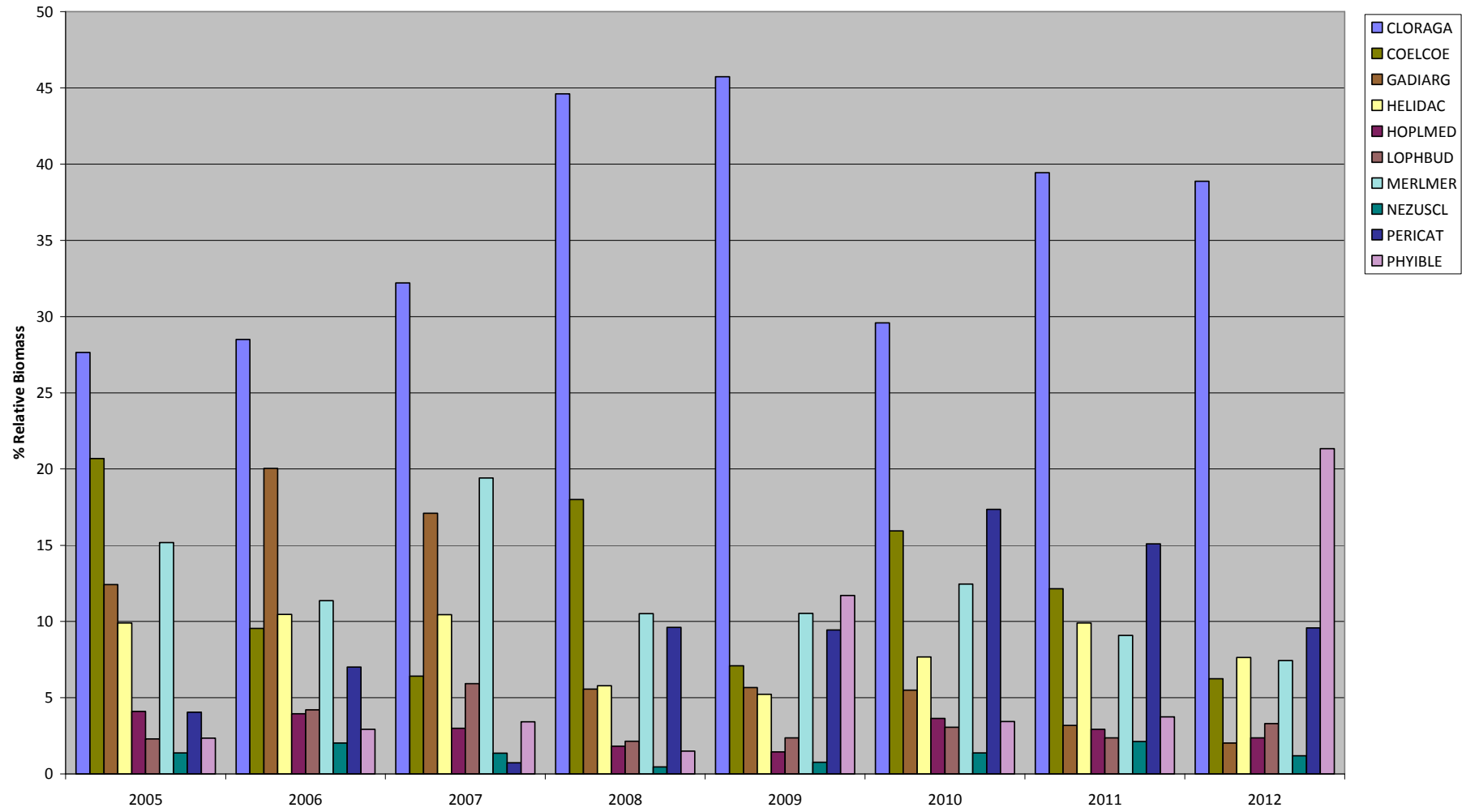
MSFD Indicator 1.6.2

Relative abundance and/or biomass, as appropriate

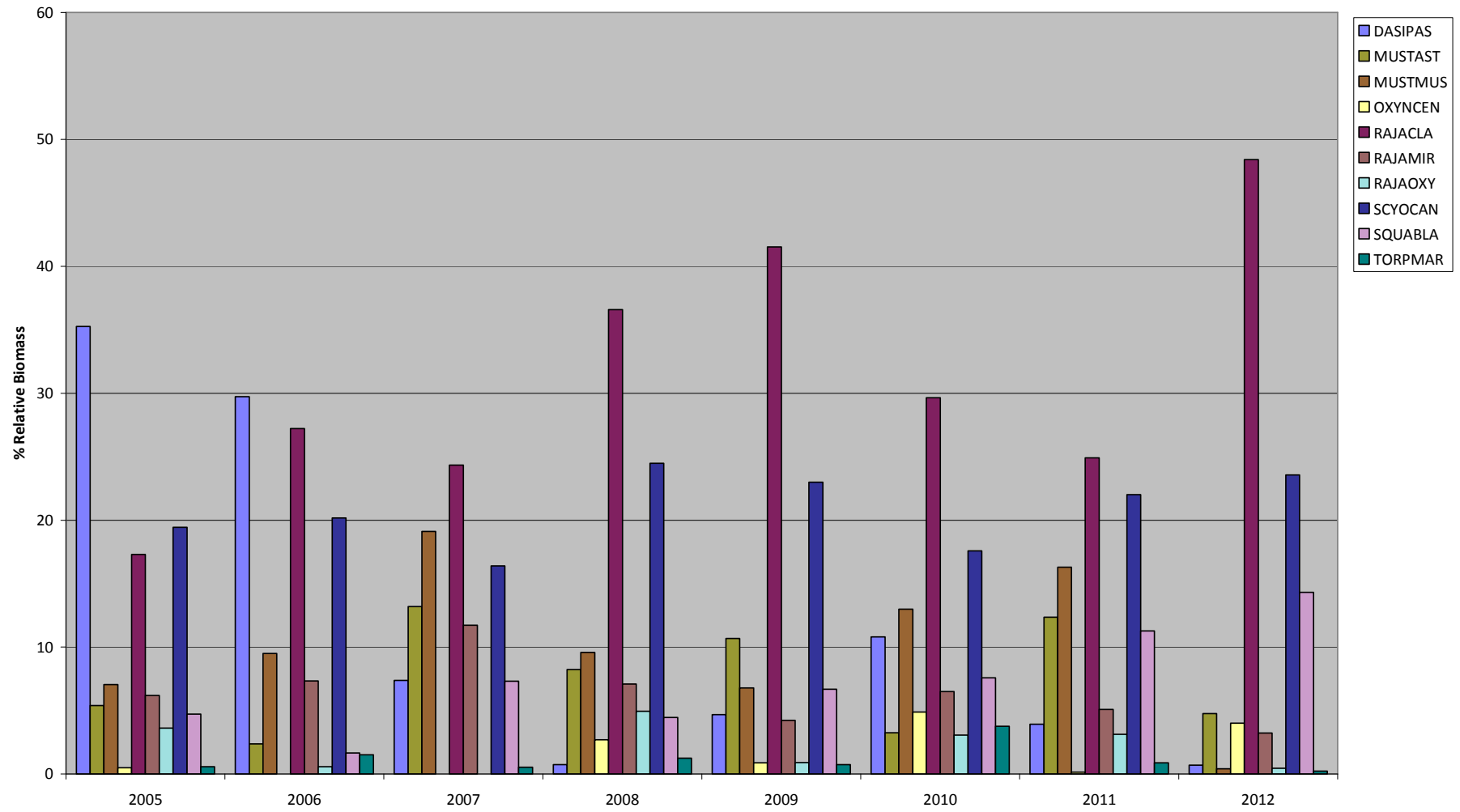
Teleosts: Relative Biomass - 50m-200m



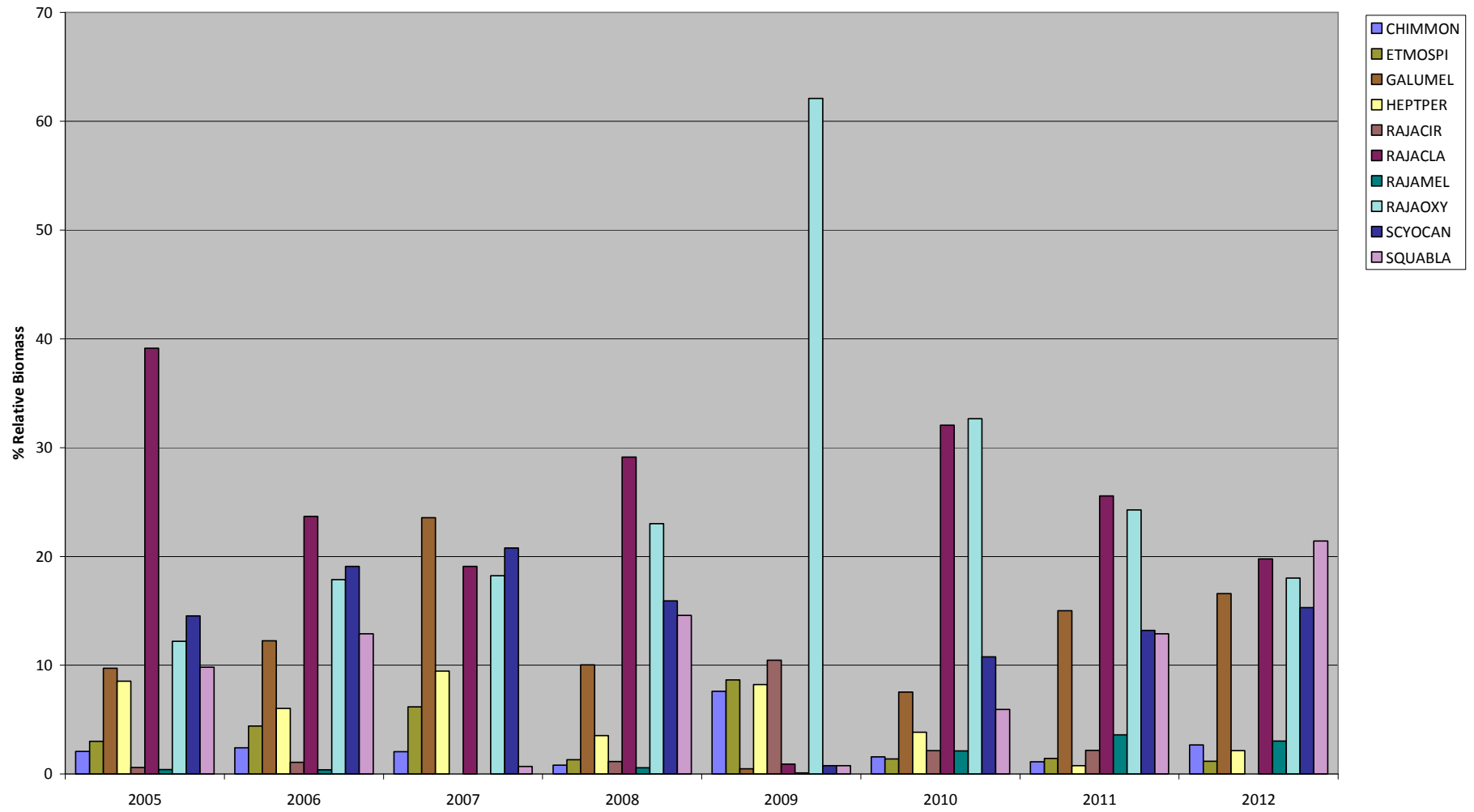
Teleosts: Relative Biomass - 200m-800m



Elasmobranchs - Relative Biomass - 50m-200m



Elasmobranchs - Relative Biomass - 200m-800m



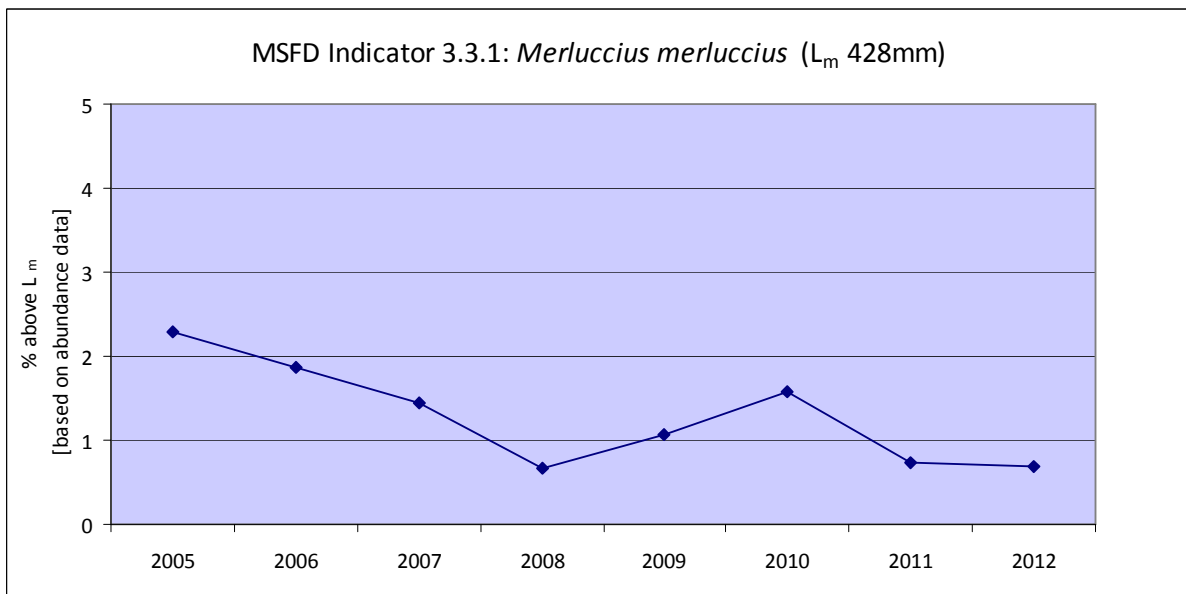
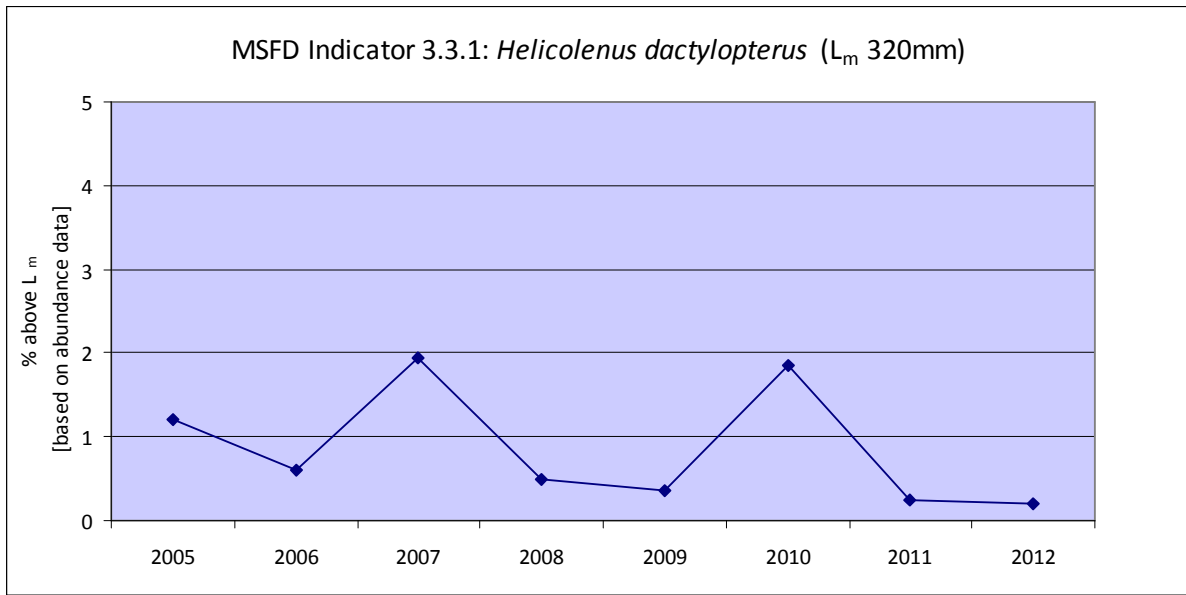
Annex IV

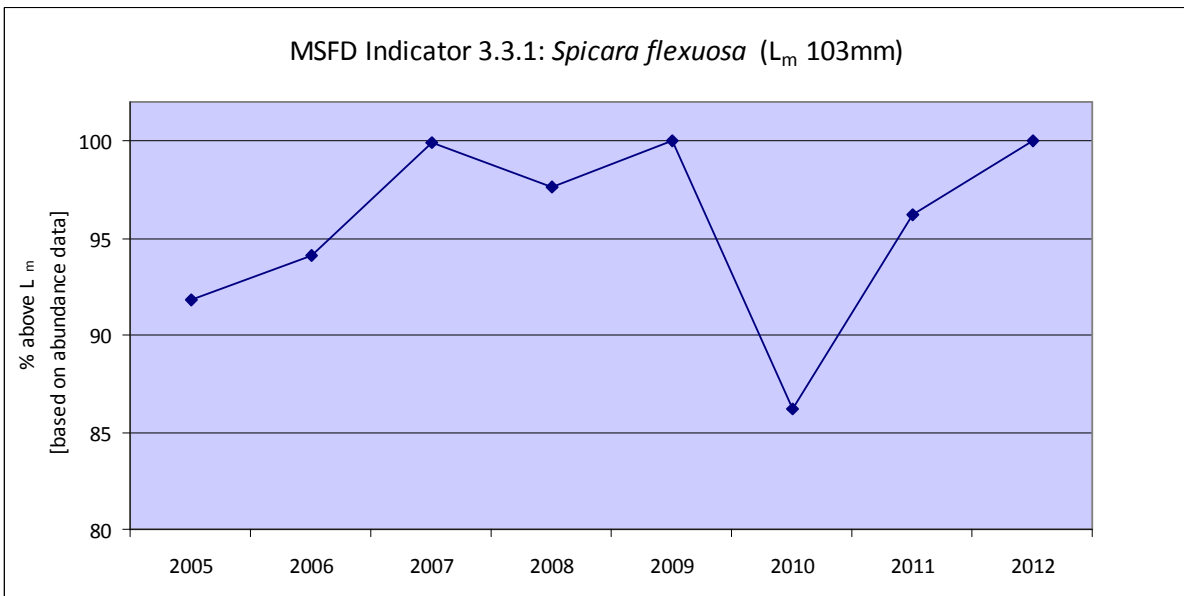
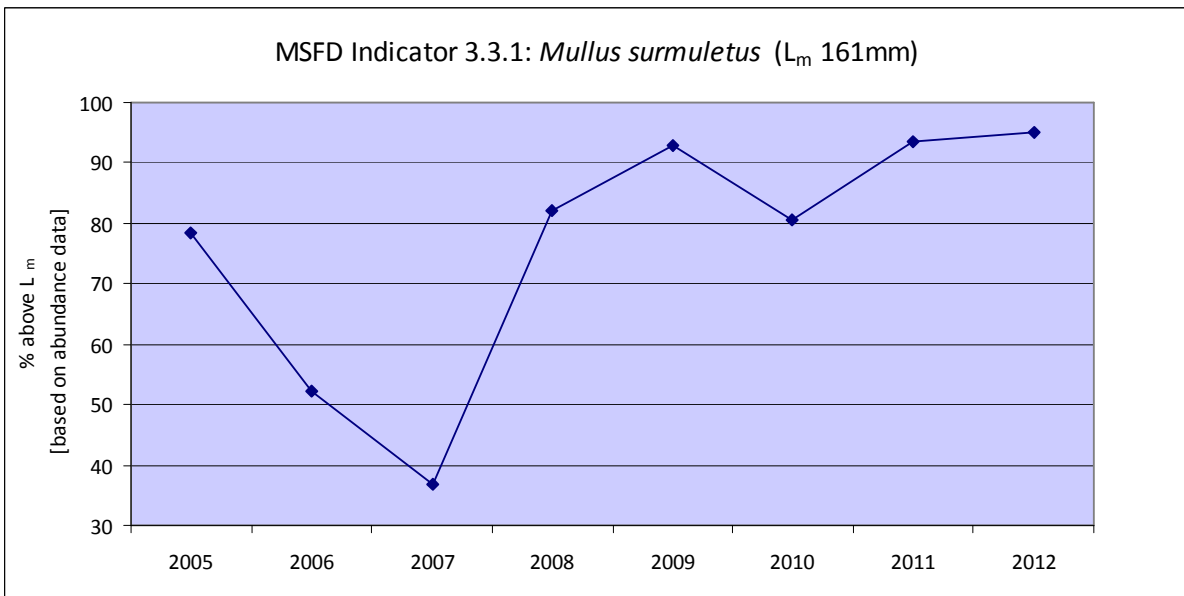
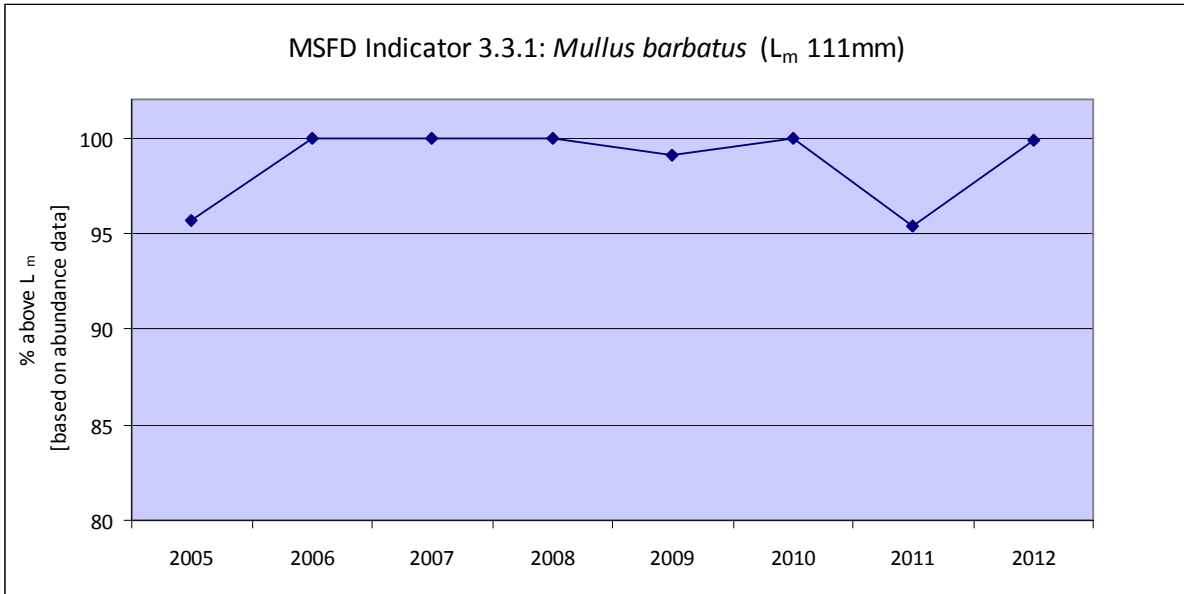
MSFD Indicator 3.3.1

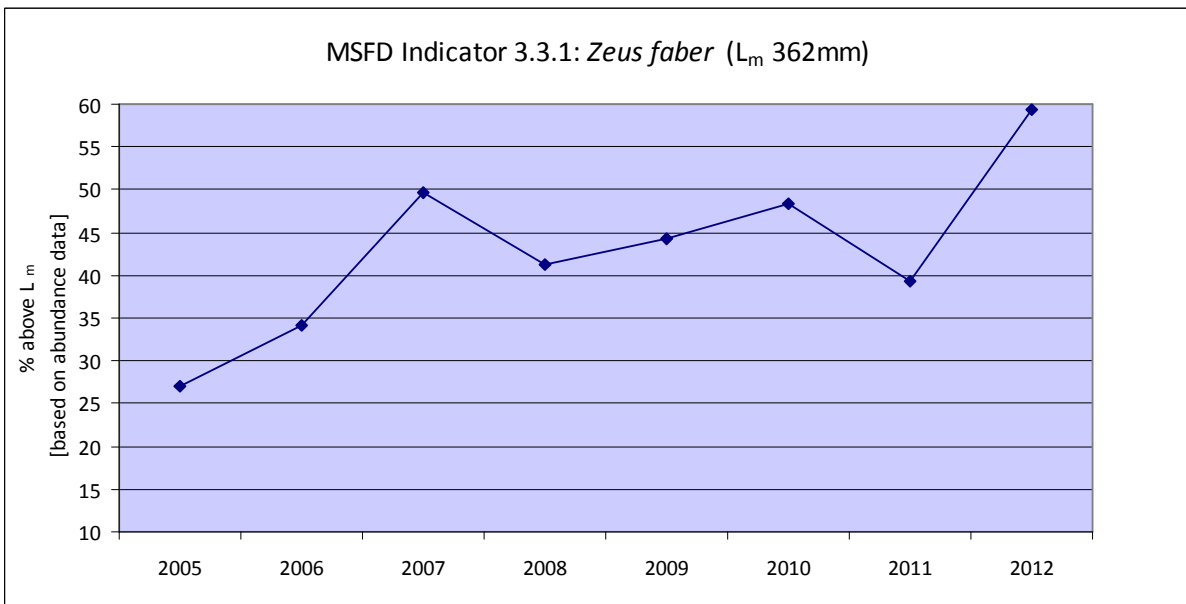
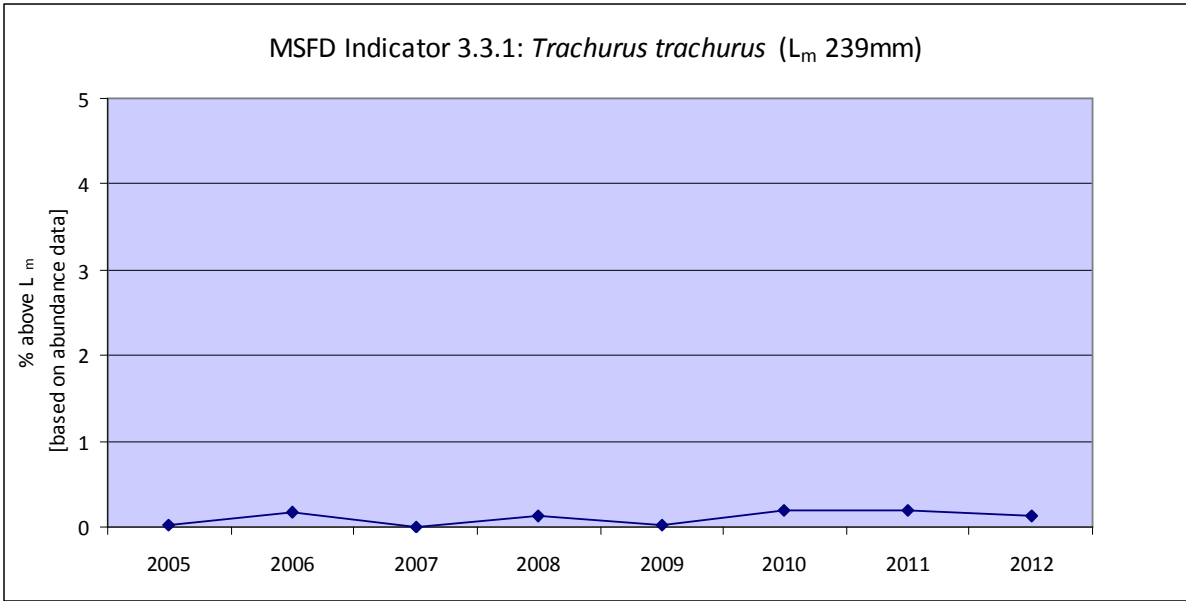
Proportion of fish larger than mean size of first sexual maturation

applied to MEDITS target commercial species representative of demersal fauna and for which Length at first maturation (L_m) was available on www.fishbase.org. It should be noted that MEDITS surveys are carried out annually during the summer period.

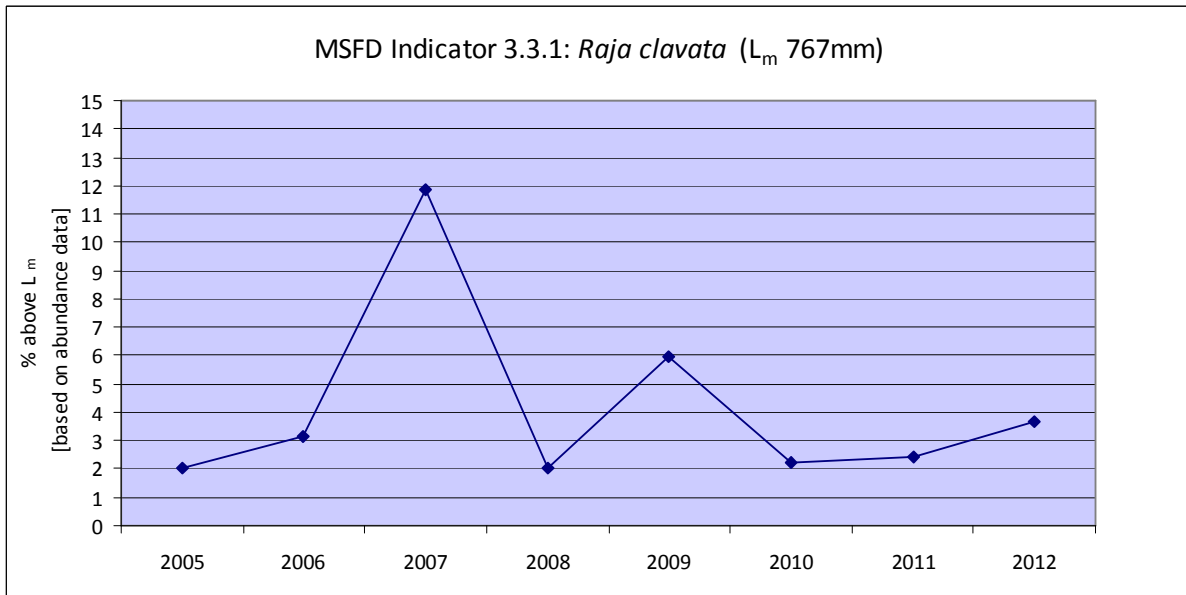
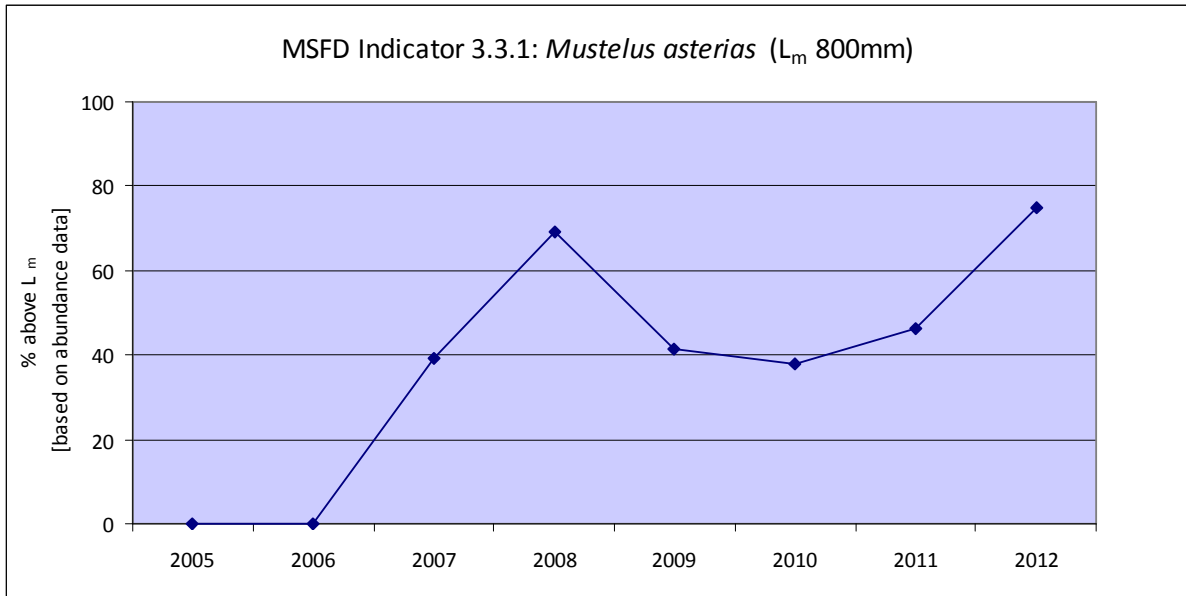
Teleosts



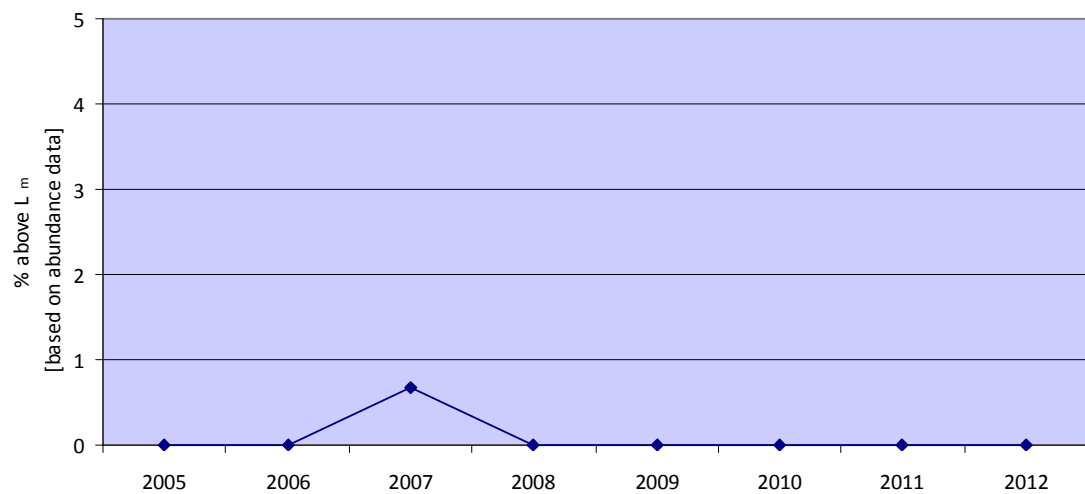




Elasmobranchs



MSFD Indicator 3.3.1: *Scyliorhinus canicula* (L_m 570mm)



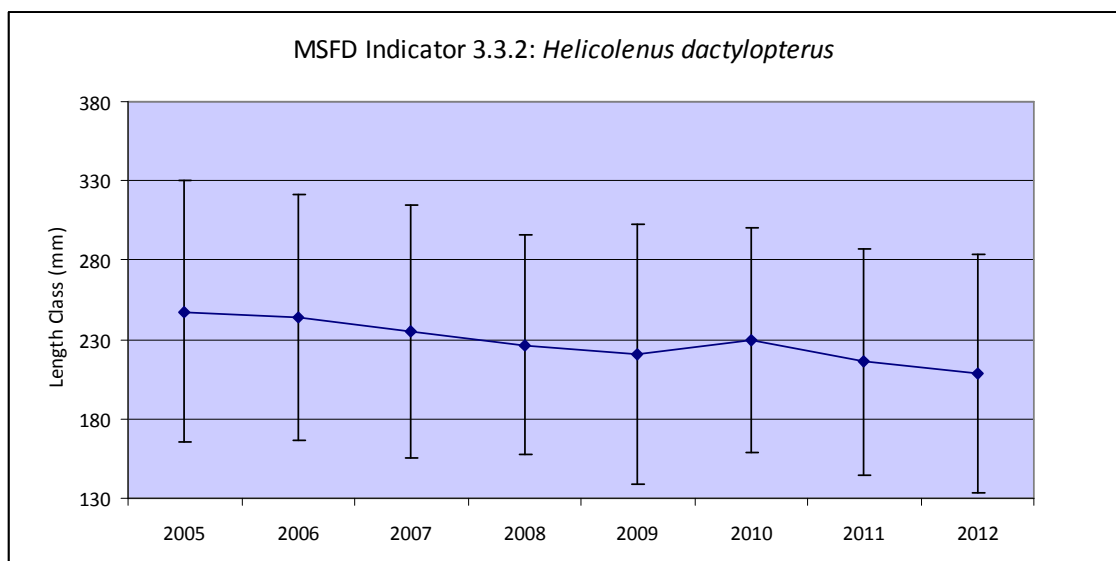
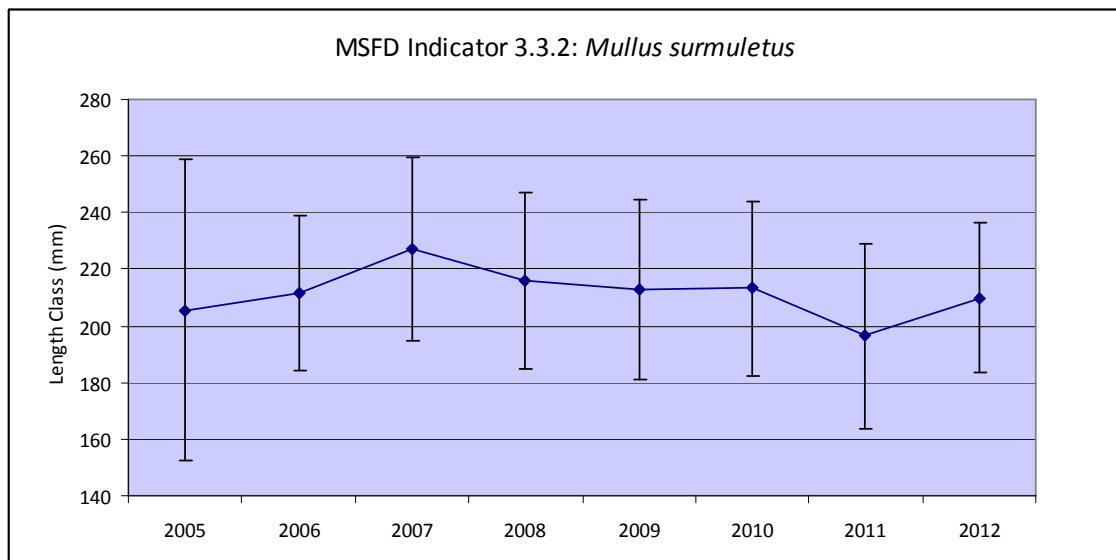
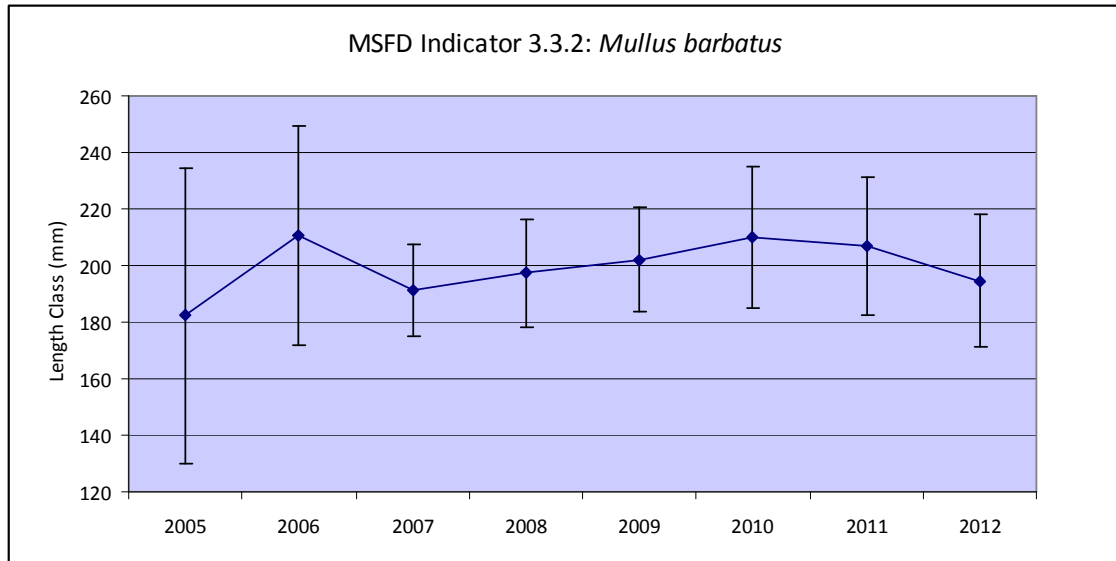
Annex V

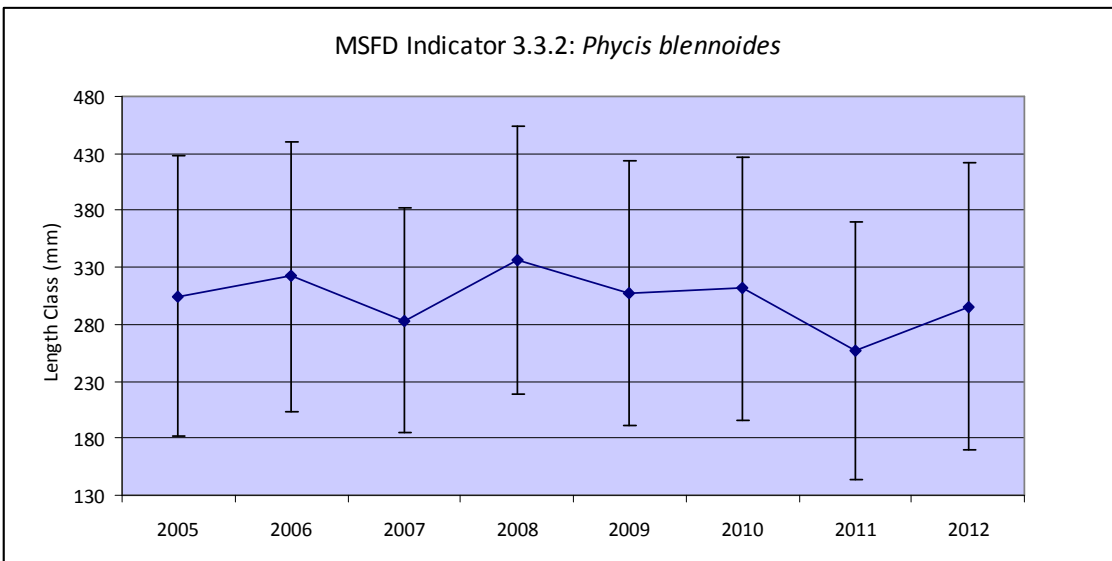
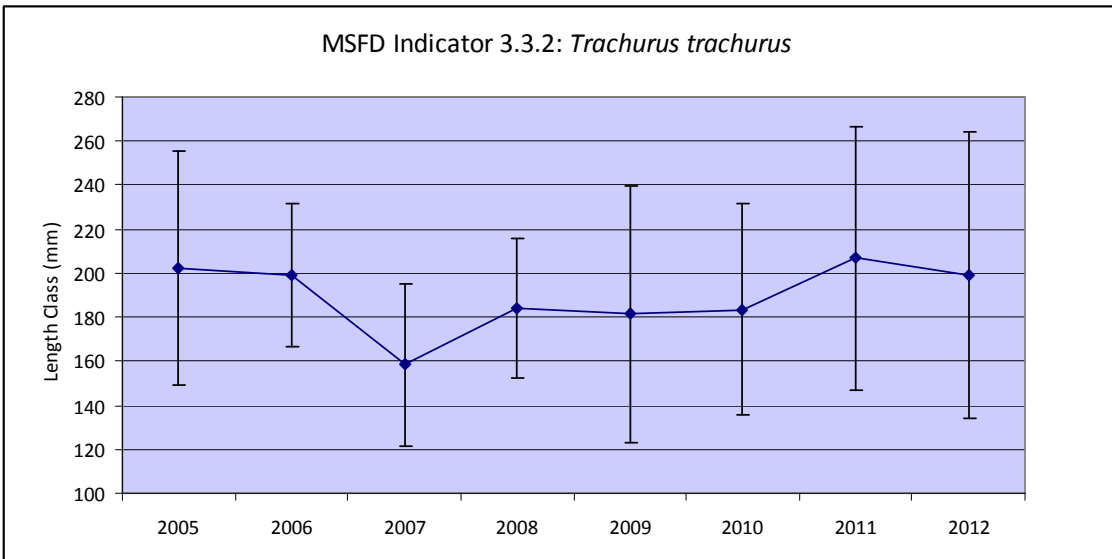
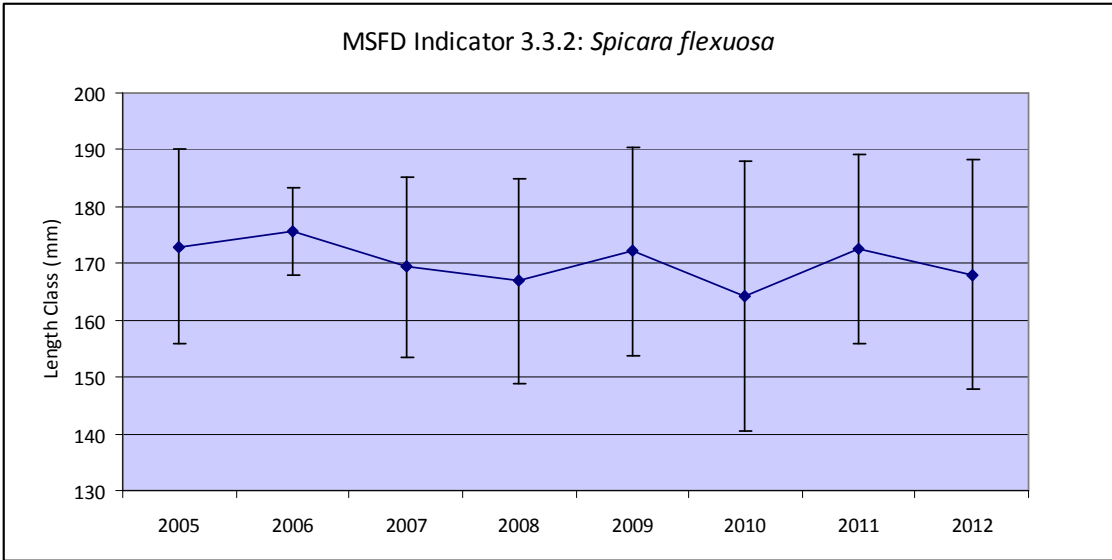
MSFD Indicator 3.3.2

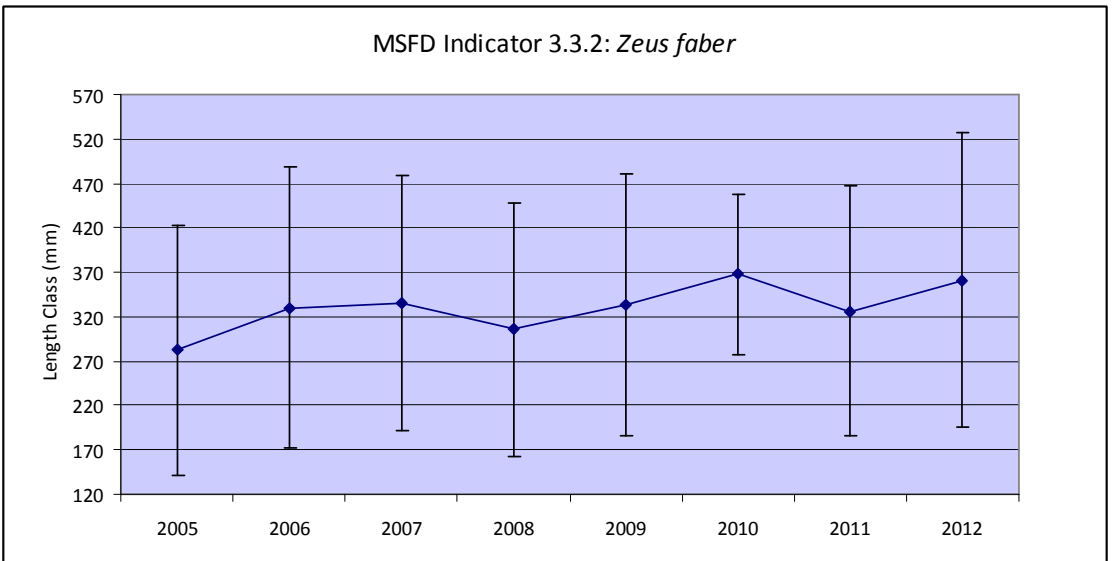
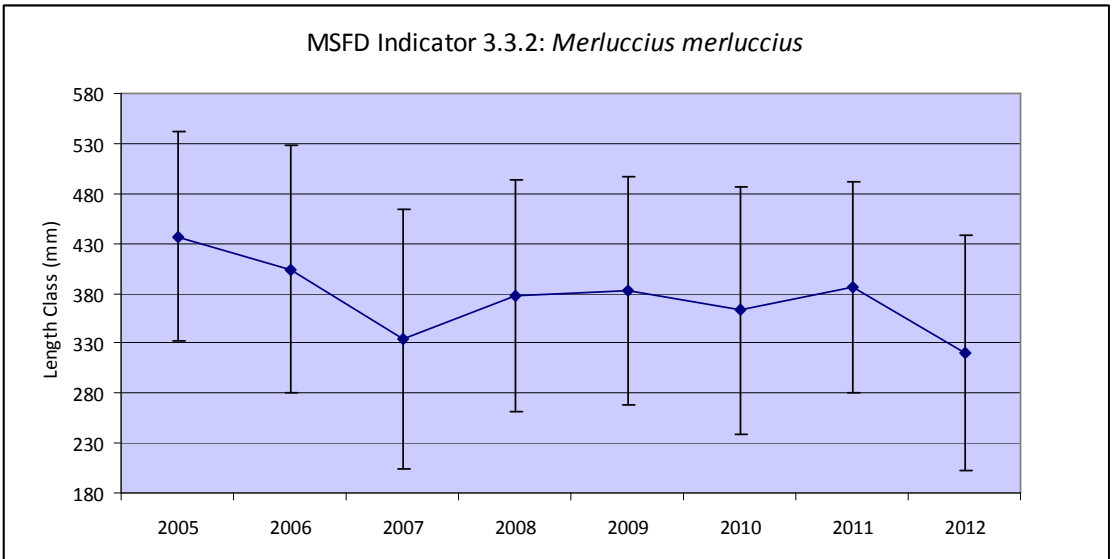
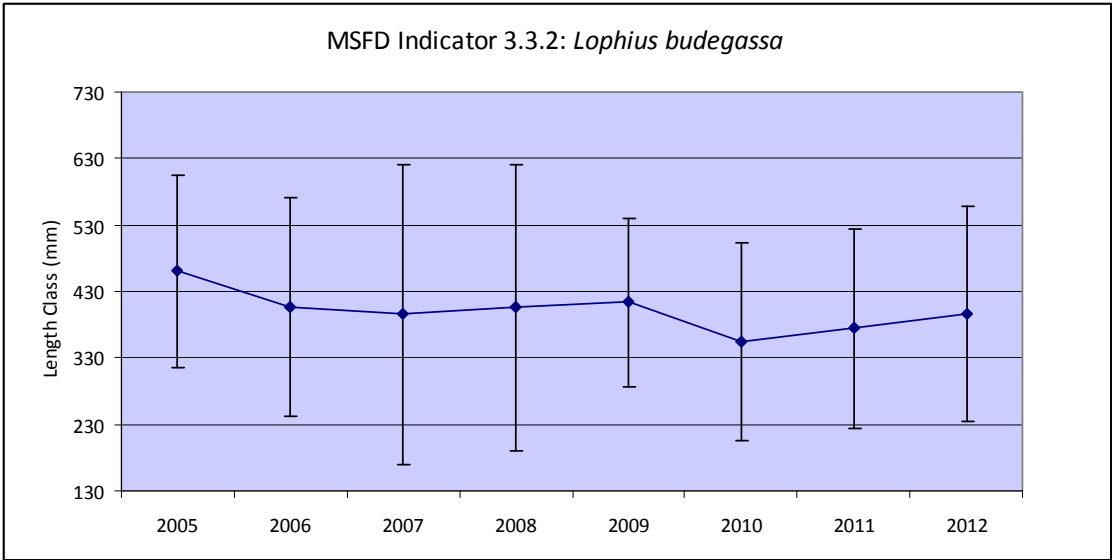
Mean Maximum Length across all species found in research vessel surveys

applied to MEDITS target commercial species representative of demersal fauna

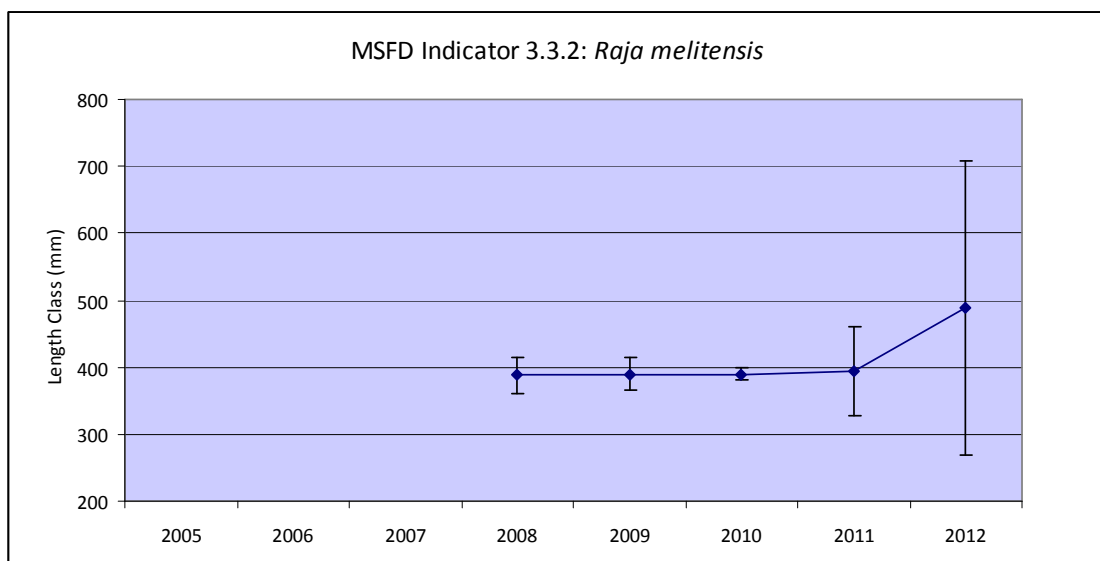
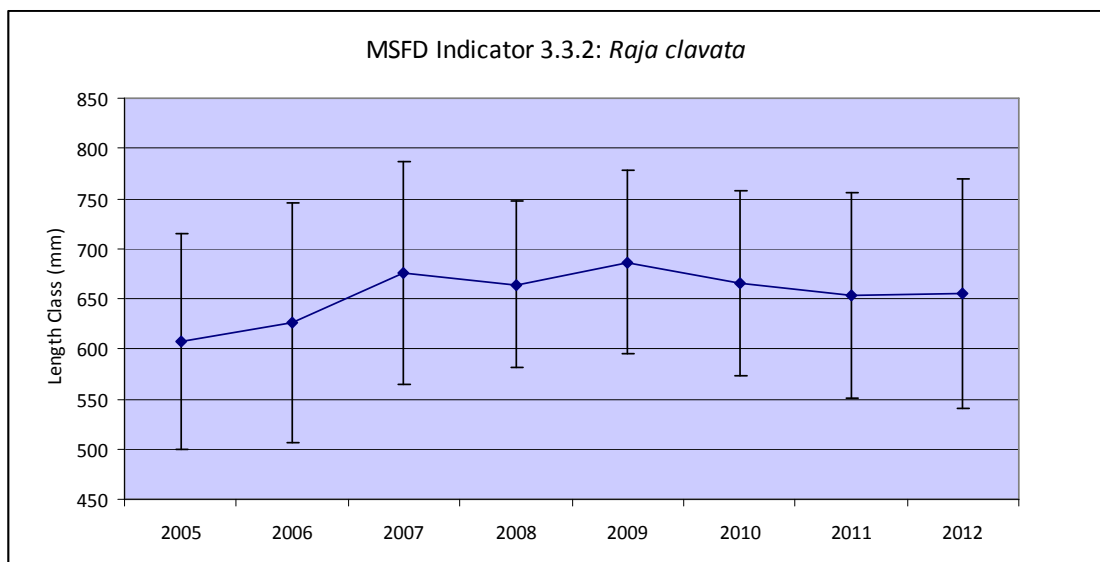
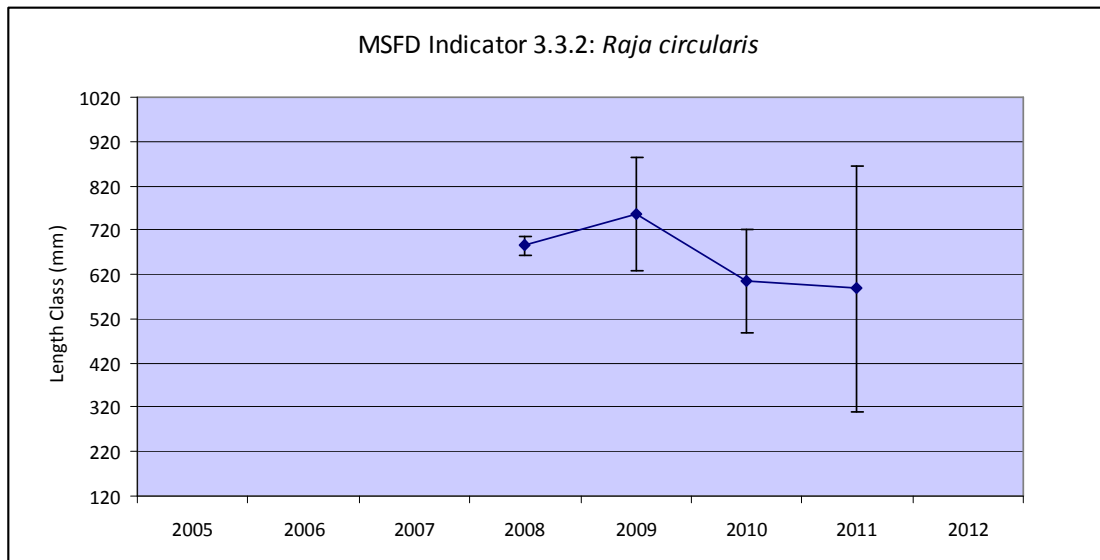
Teleosts

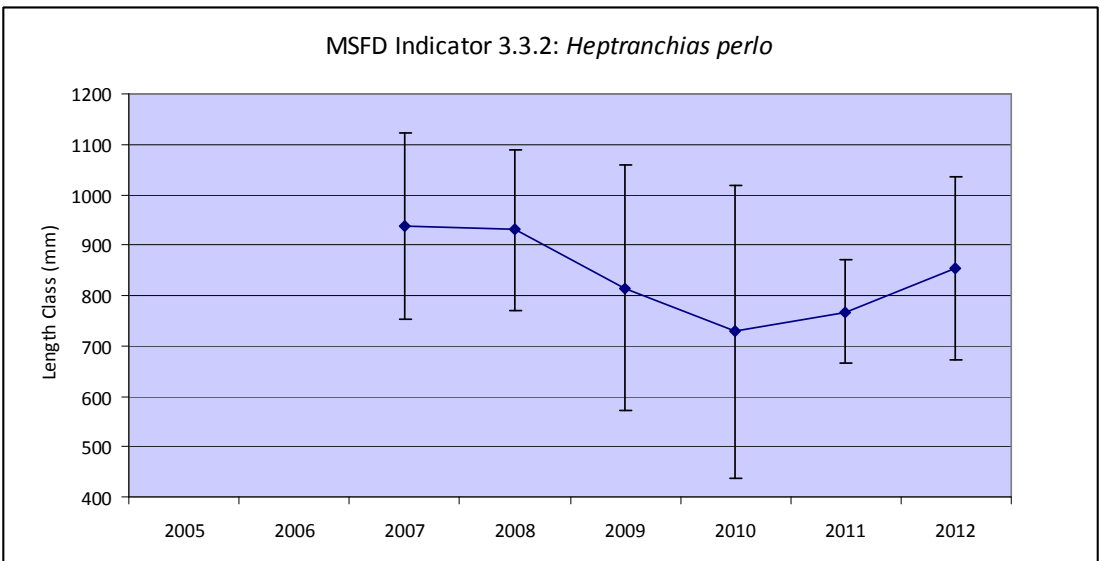
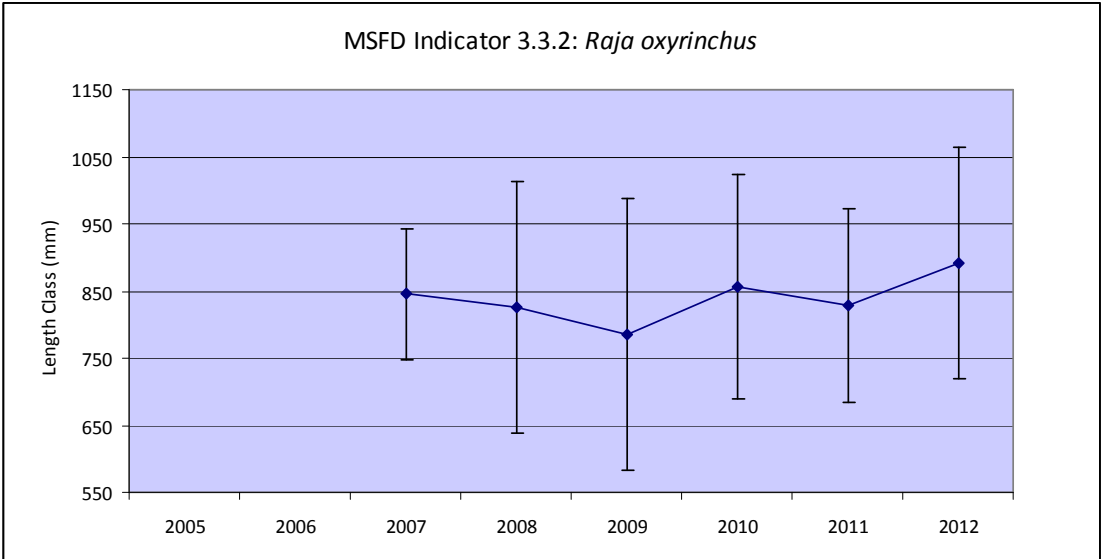
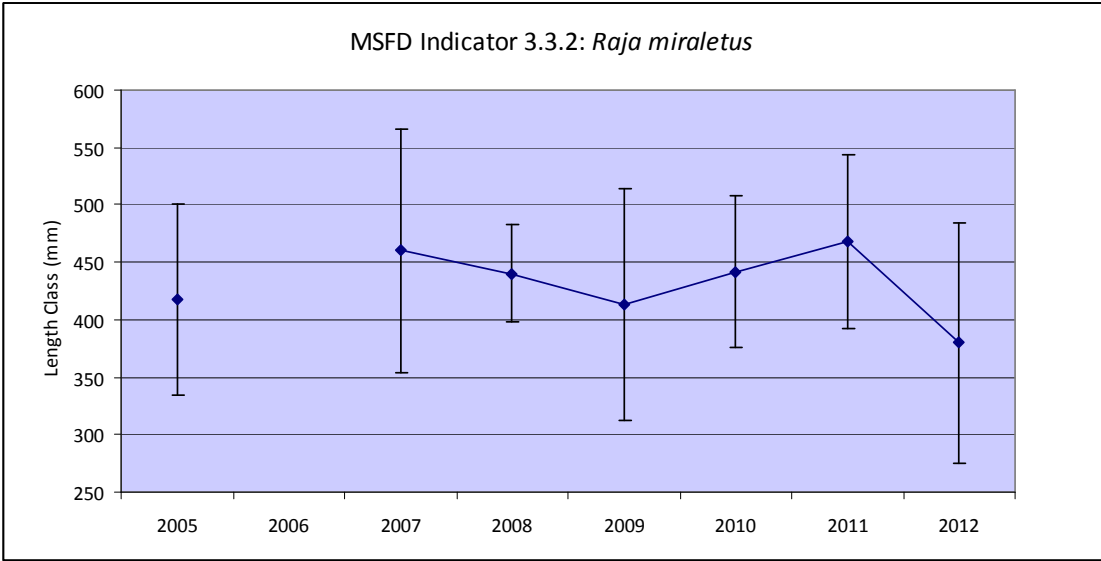


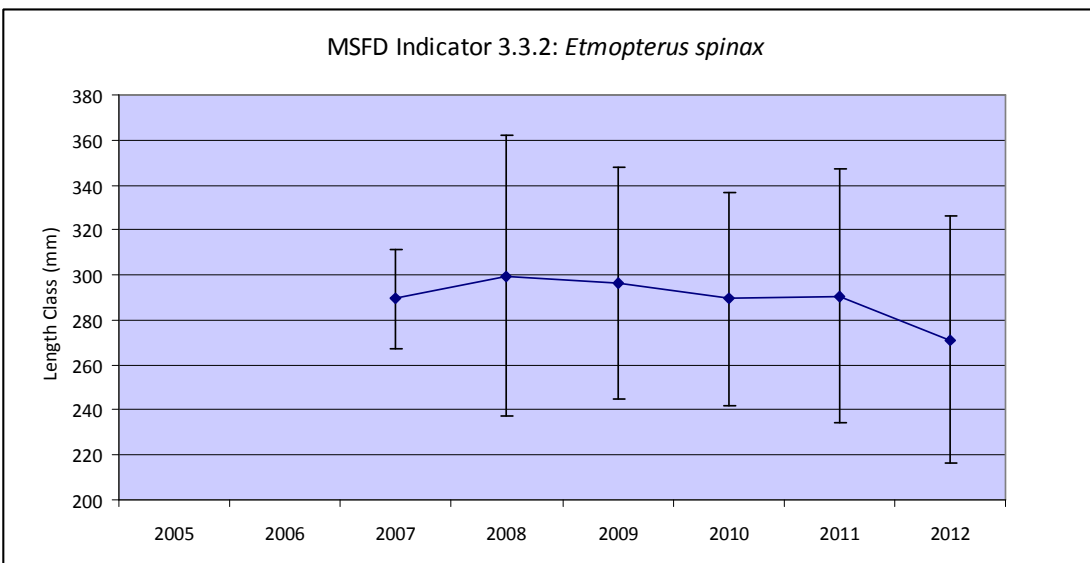
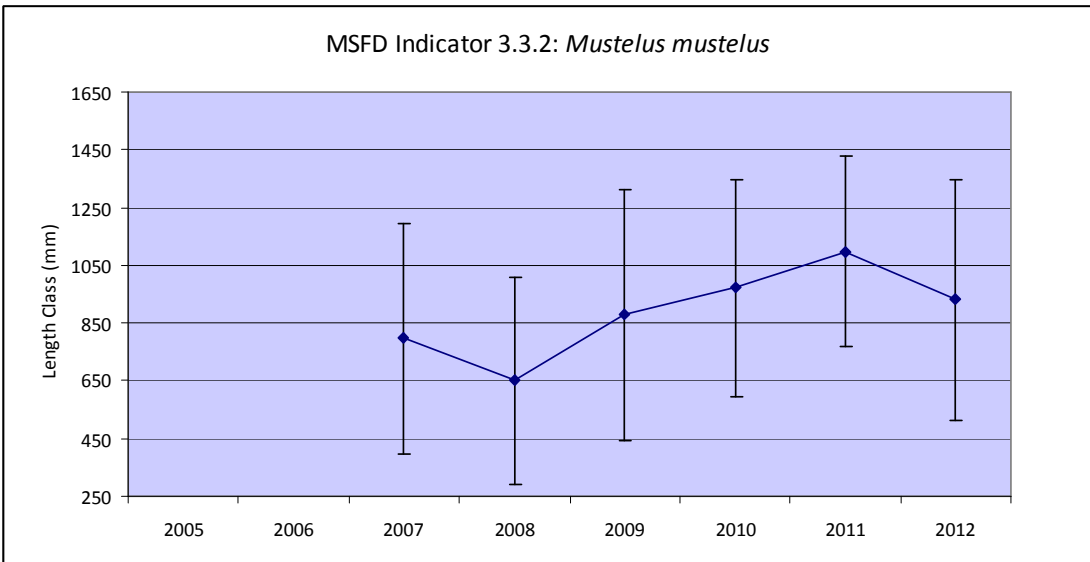
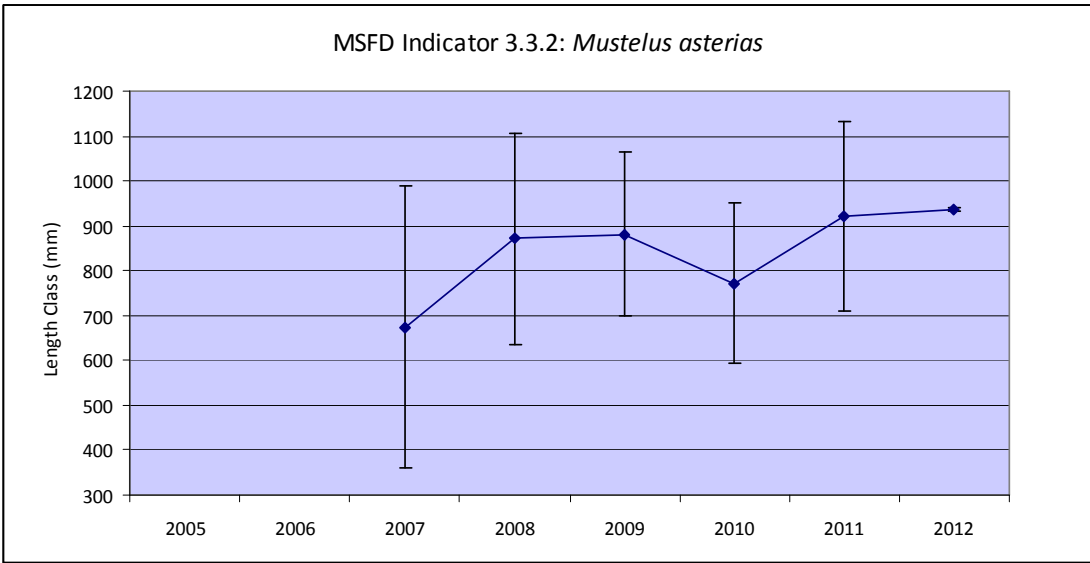


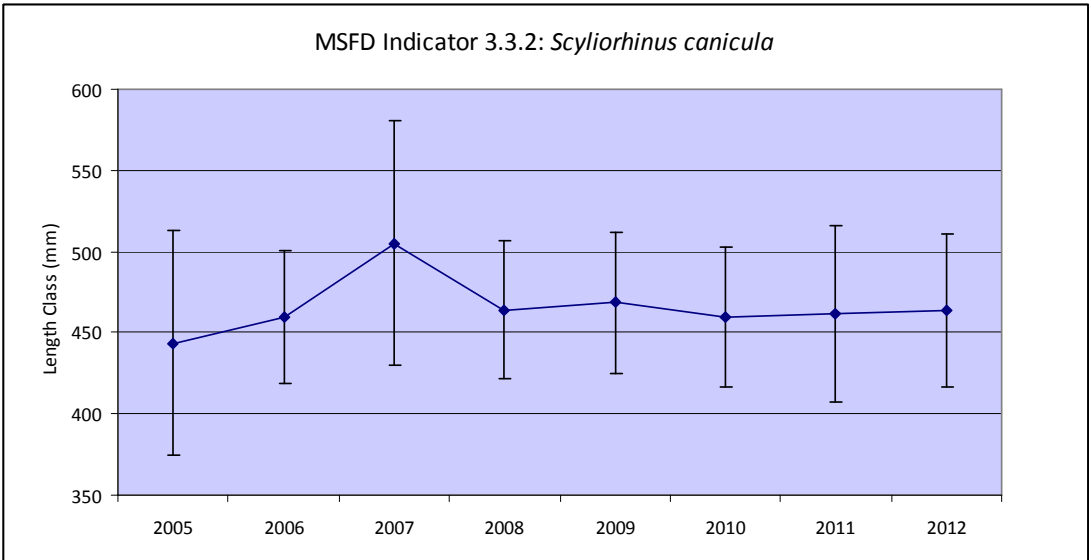
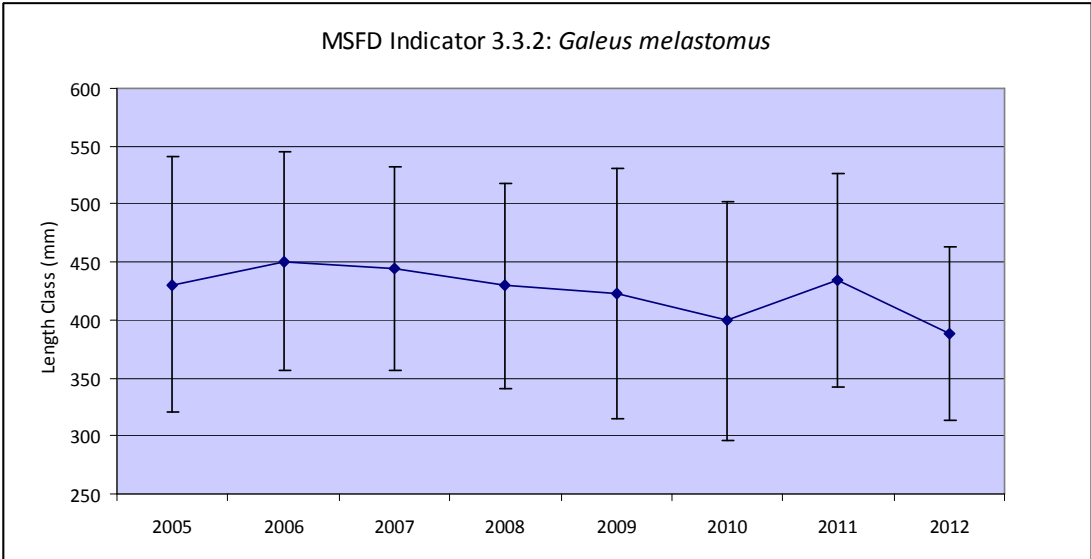
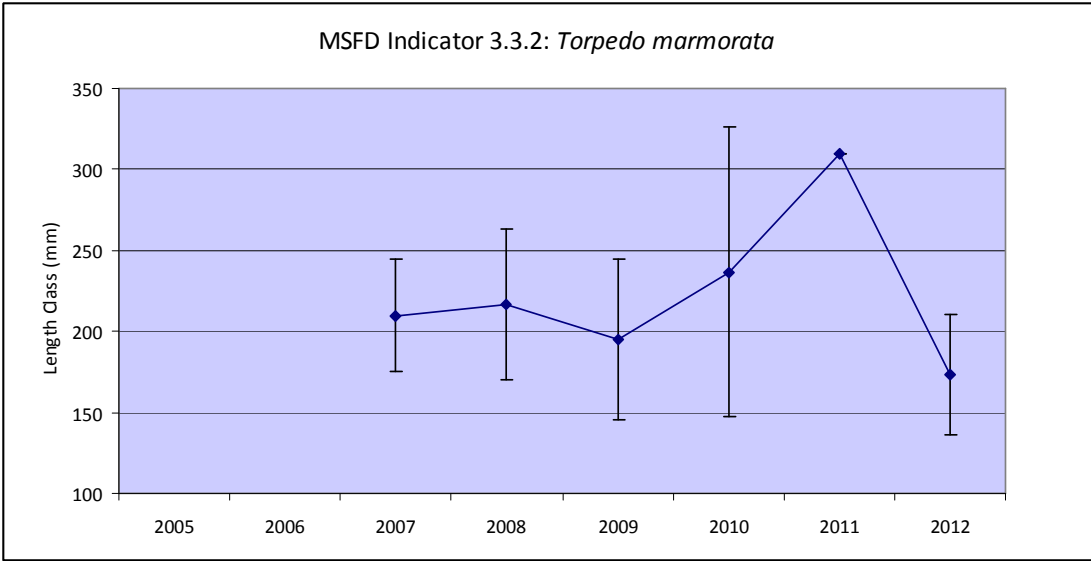


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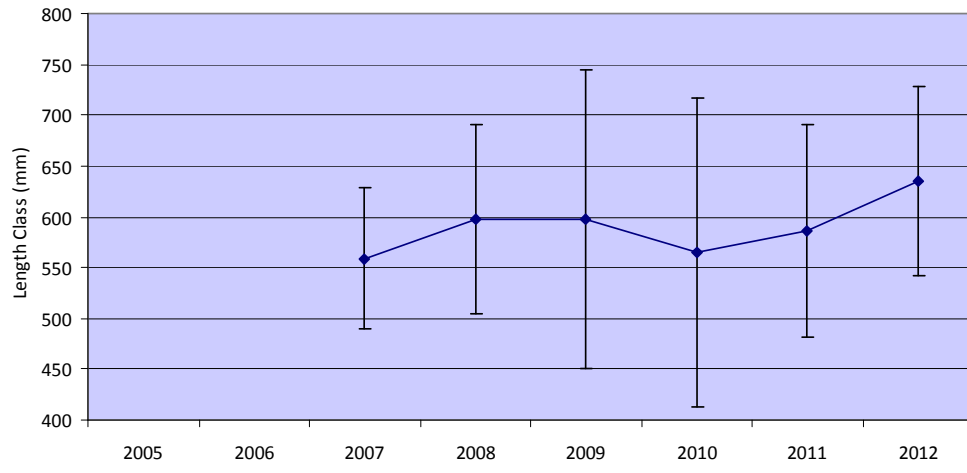




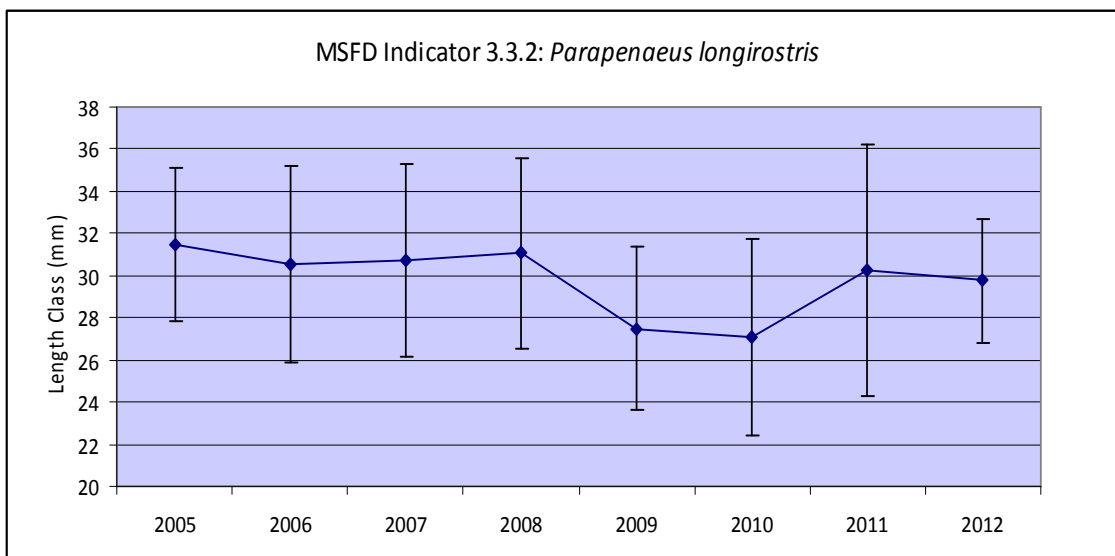
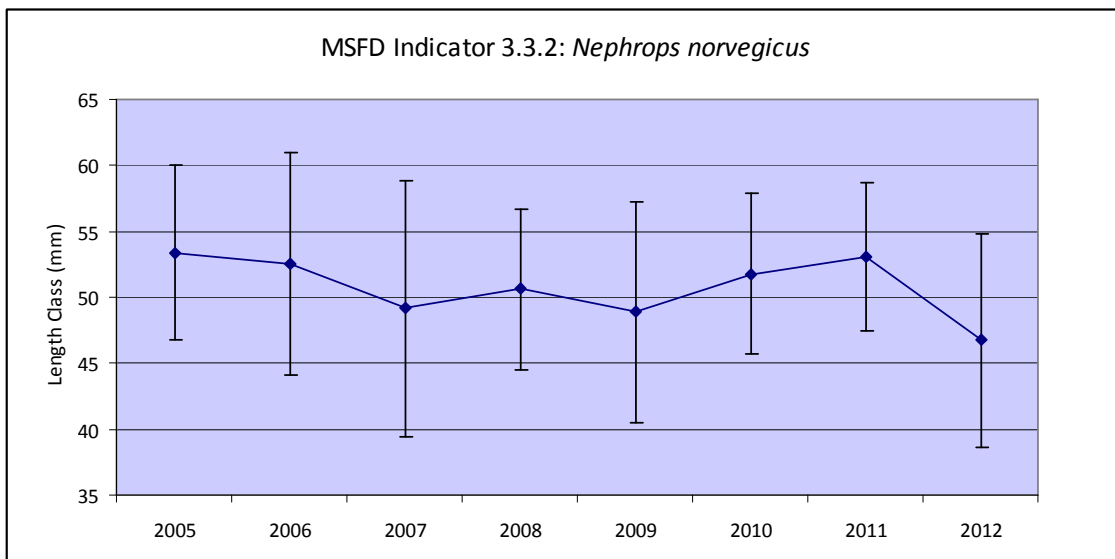
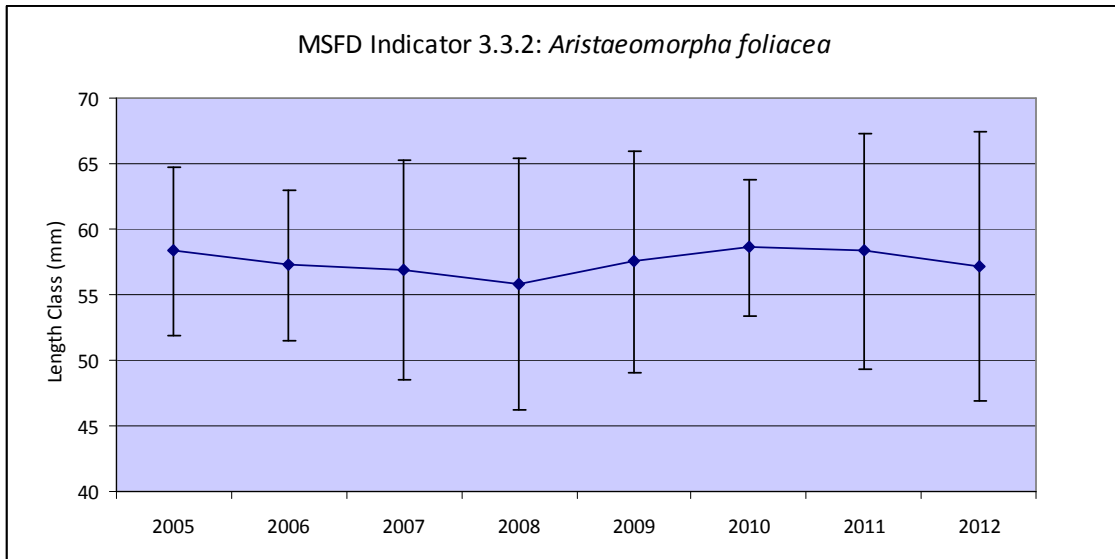




MSFD Indicator 3.3.2: *Squalus blainvillei*



Crustacea



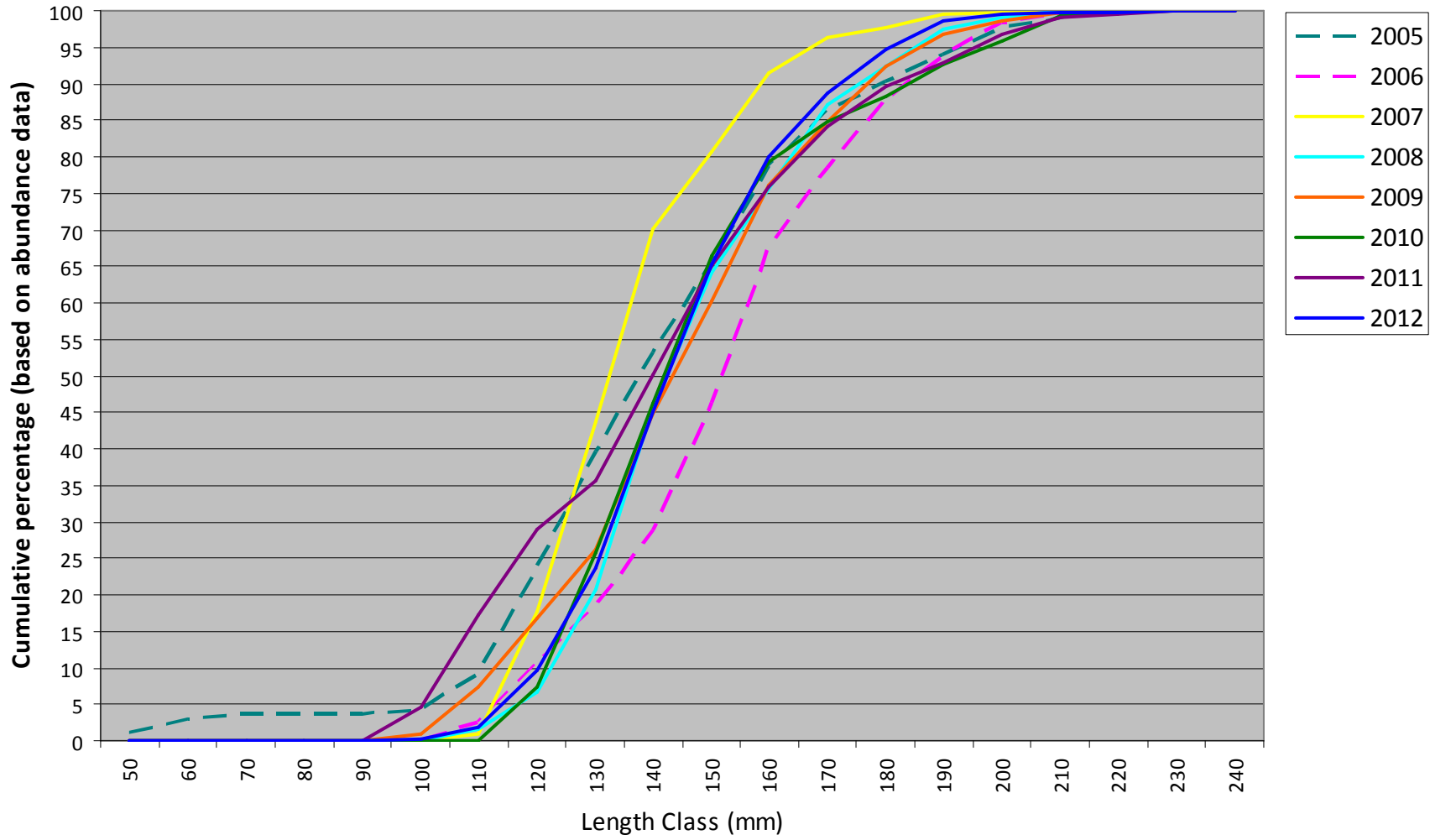
Annex VI

MSFD Indicator 3.3.3

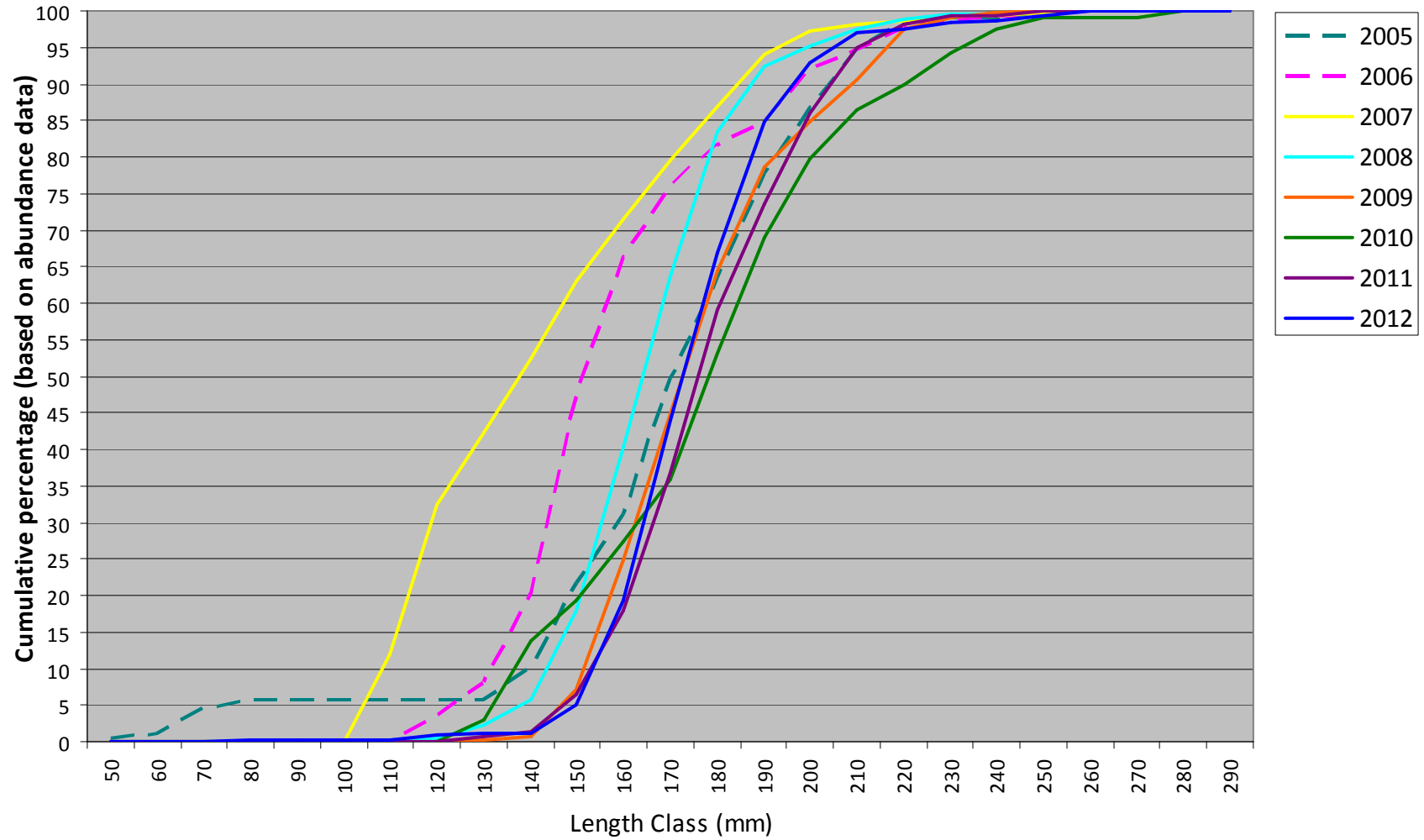
Fish length distribution observed in research vessels

applied to MEDITS target commercial species representative of demersal fauna

MSFD Indicator 3.3.3: *Mullus barbatus*

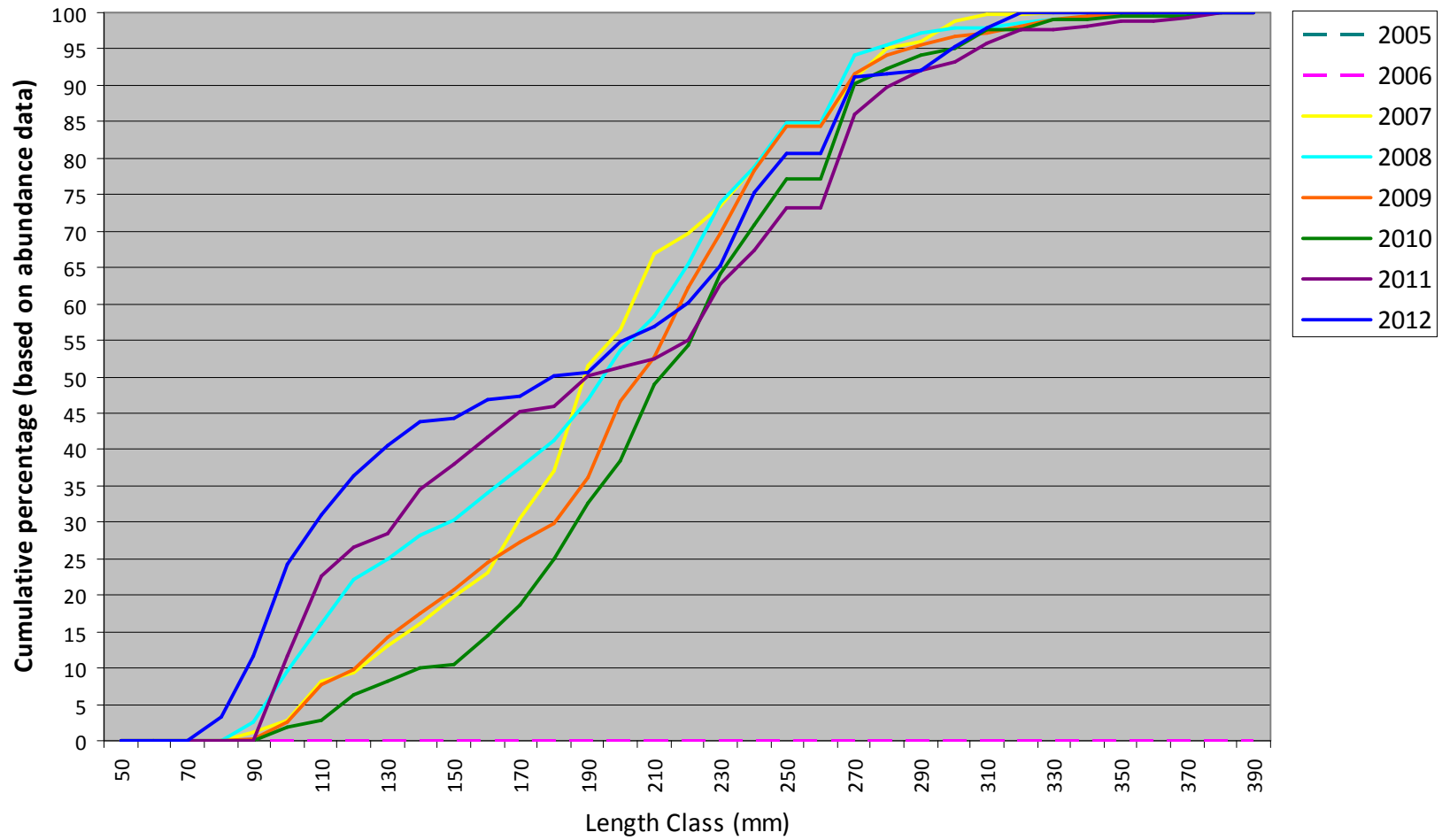


MSFD Indicator 3.3.3: *Mullus surmuletus*

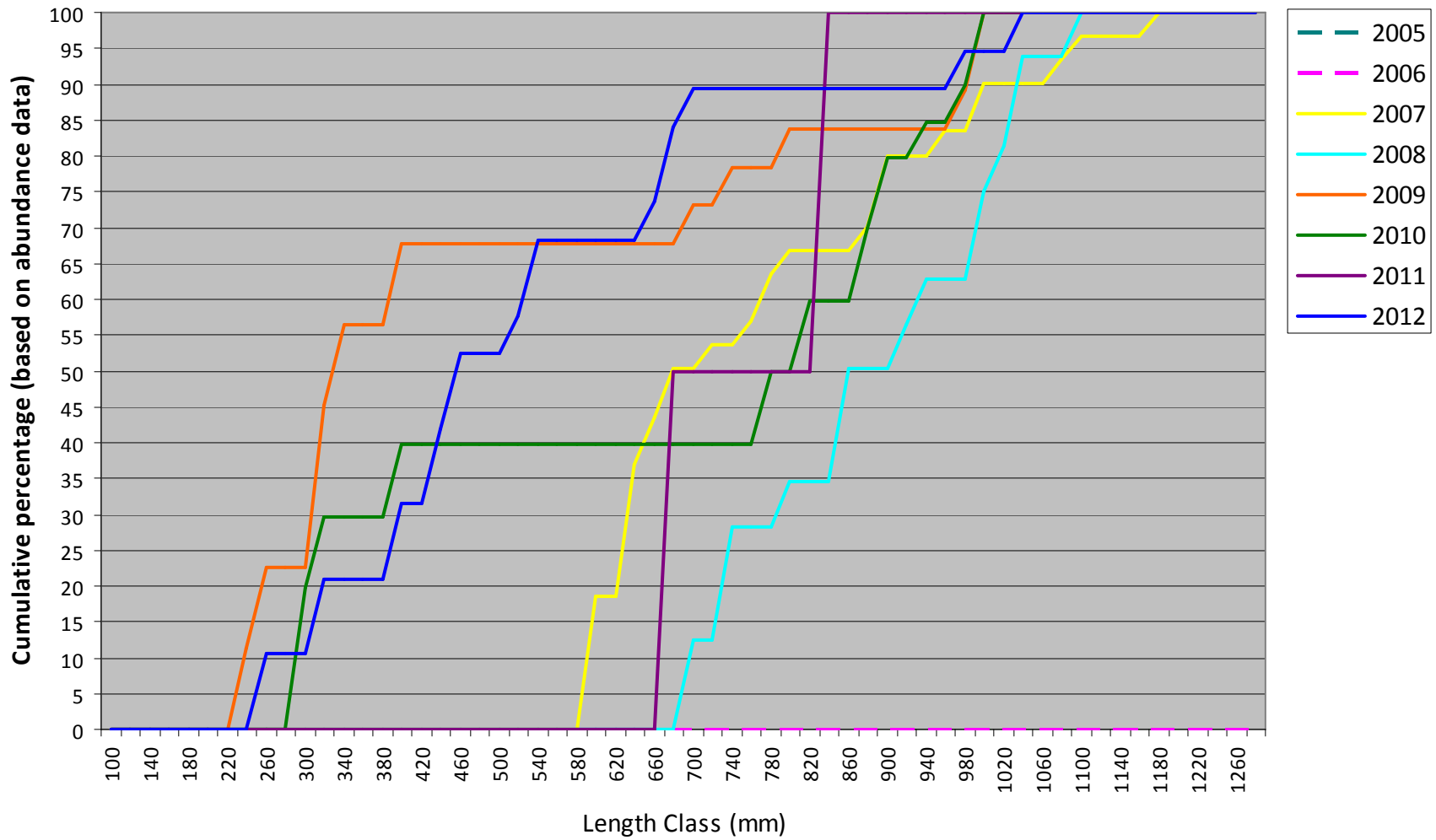


Elasmobranchs

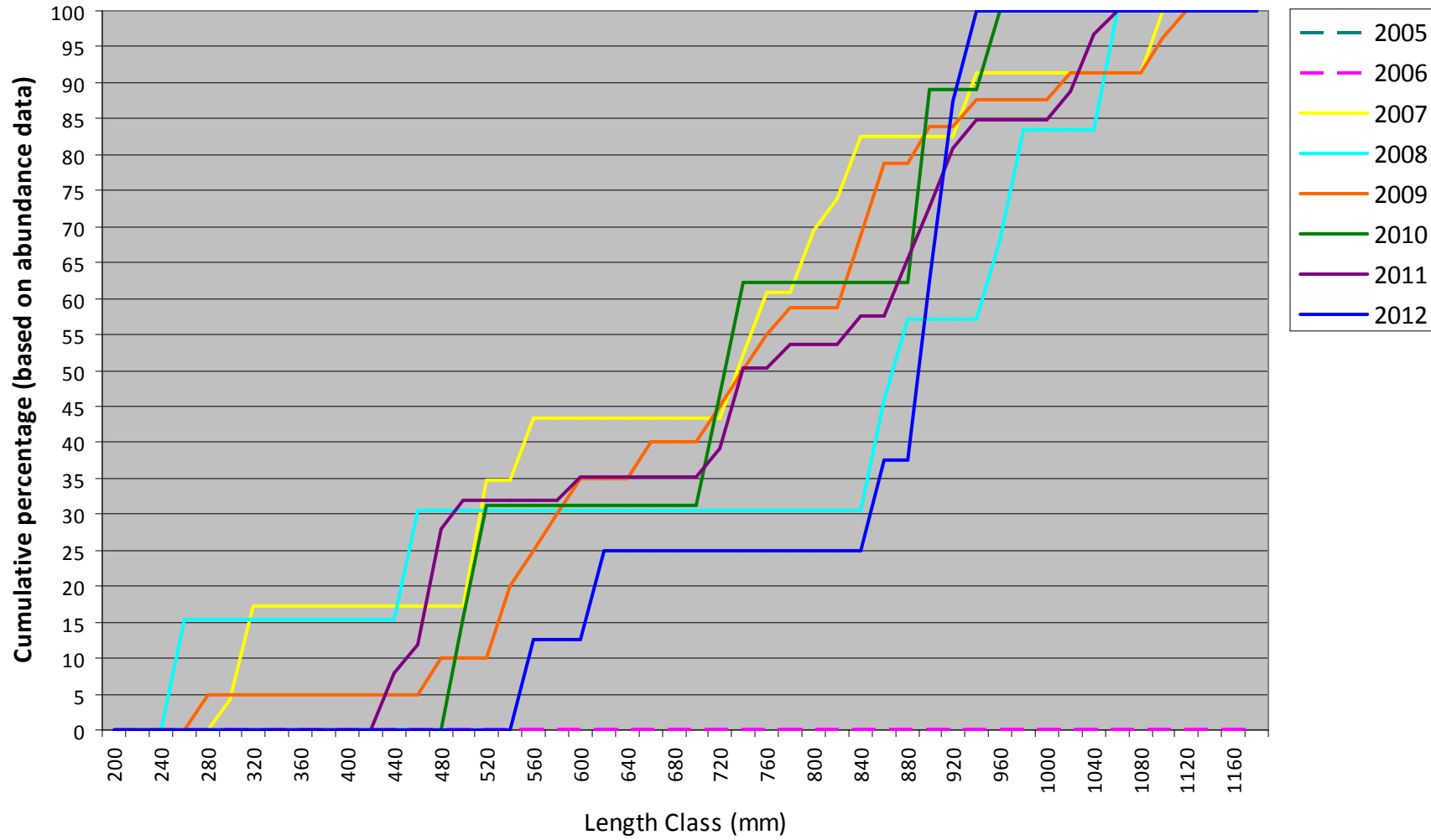
MSFD Indicator 3.3.3: *Etmopterus spinax*



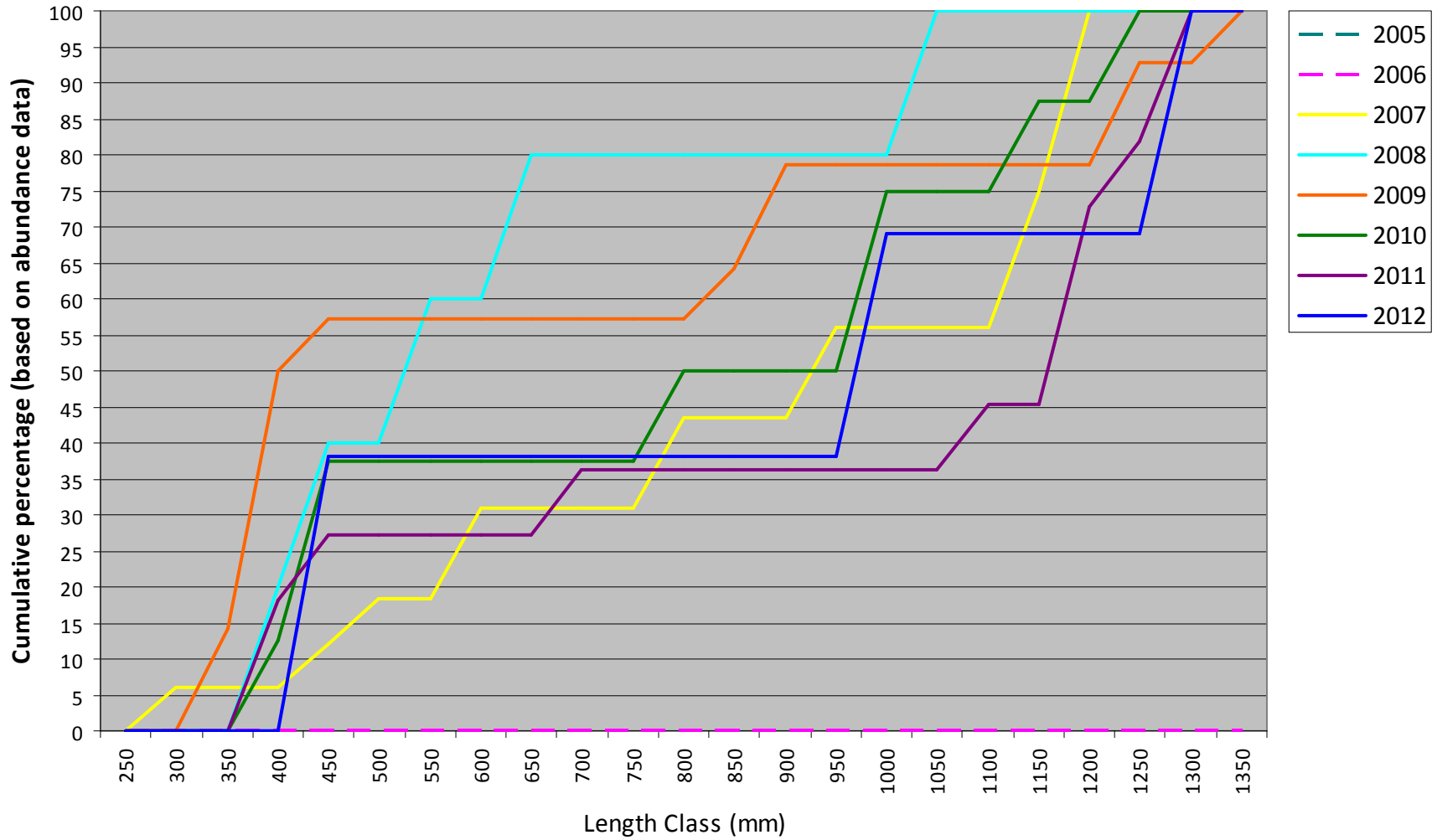
MSFD Indicator 3.3.3: *Heptanchias perlo*



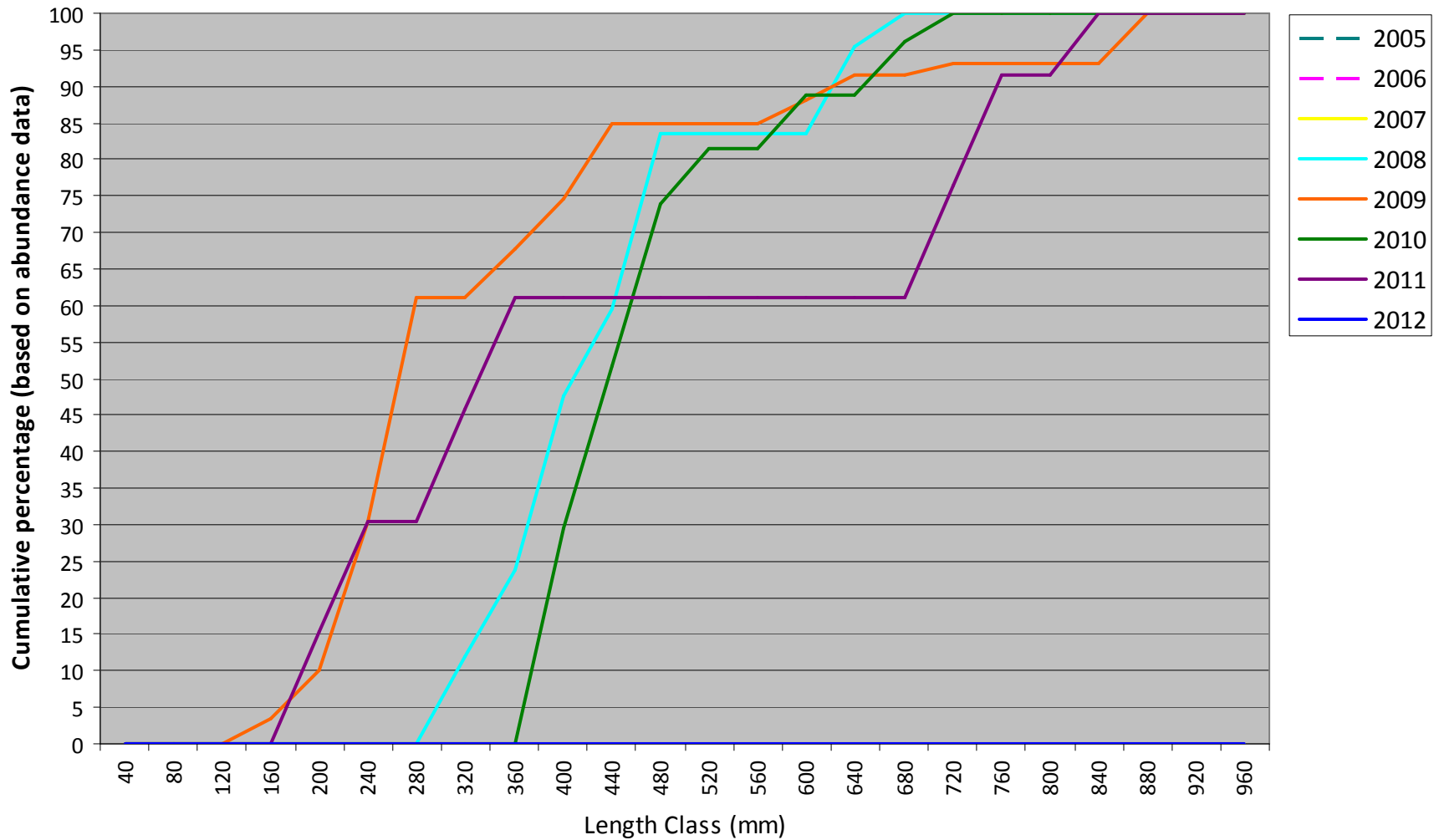
MSFD Indicator 3.3.3: *Mustelus asterias*



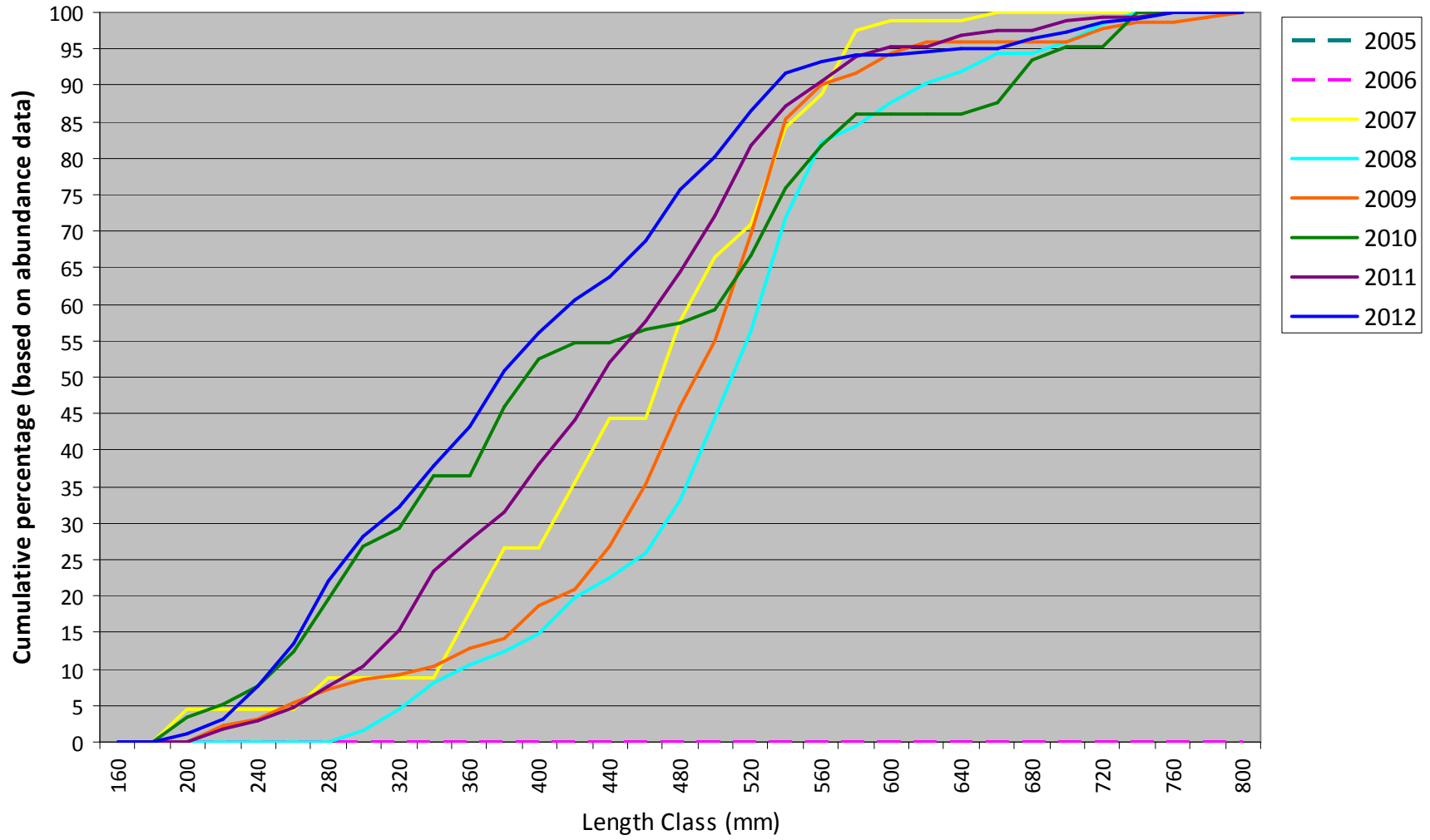
MSFD Indicator 3.3.3: *Mustelus mustelus*



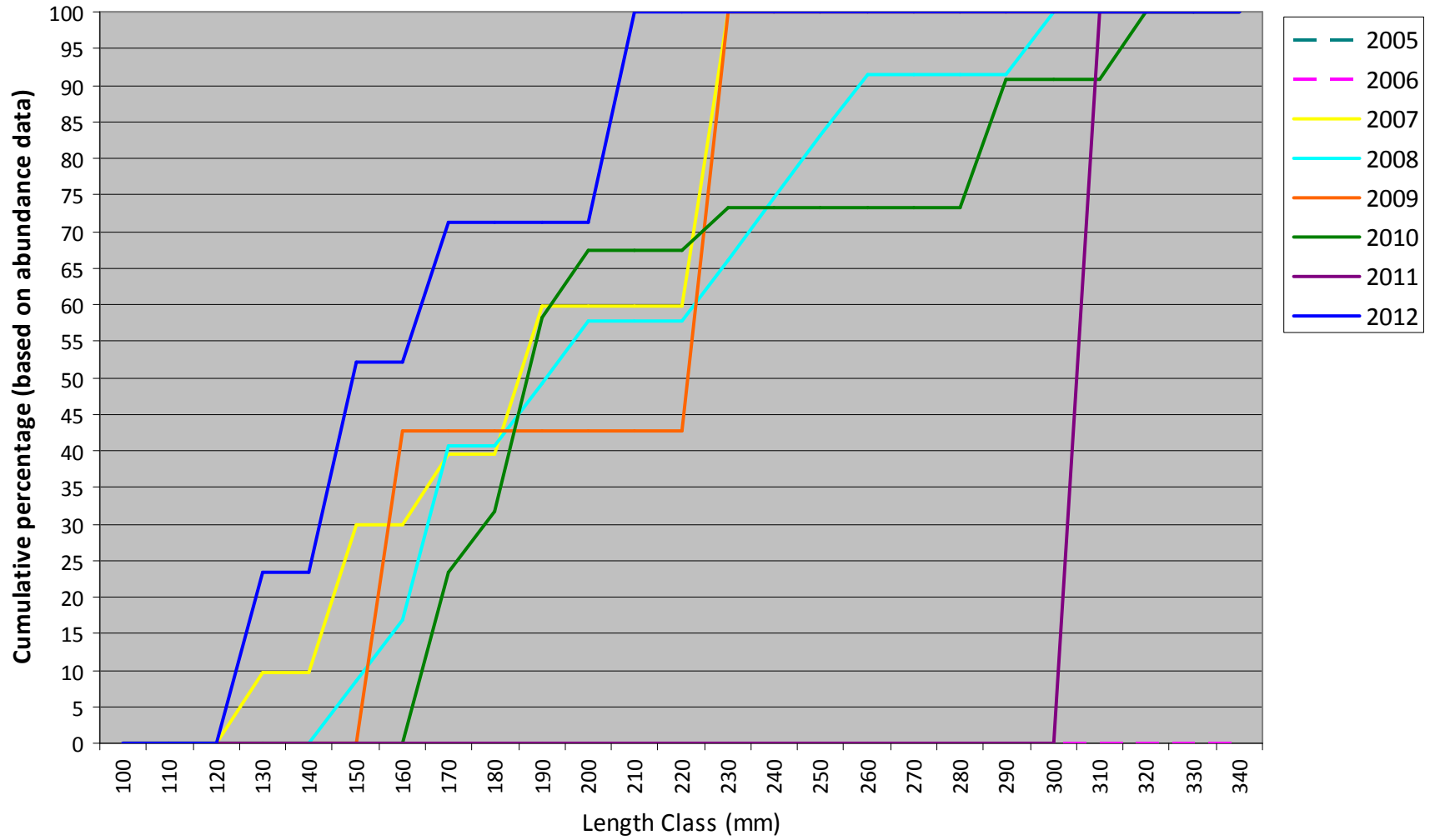
MSFD Indicator 3.3.3: *Raja circularis*



MSFD Indicator 3.3.3: *Squalus blainvillei*



MSFD Indicator 3.3.3: *Torpedo marmorata*



MSFD Indicator 3.3.3: *Parapenaeus longirostris*

