

# Hunting high or low: body size drives trophic position among and within marine predators

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## Supplement

Fig. S1. Phylogenetic tree constructed for the 48 species in the data set.

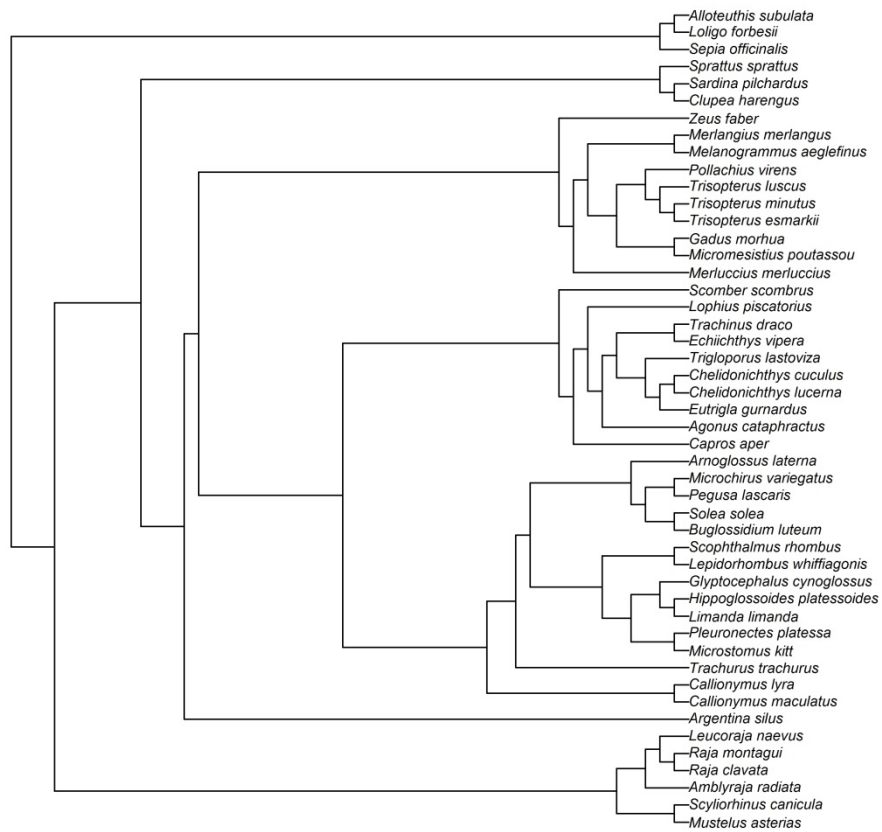


Table S1 - Species and the respective individuals count.

<b>Species</b>	<b>Count</b>
<i>Agonus cataphractus</i>	66
<i>Alloteuthis subulata</i>	56
<i>Amblyraja radiata</i>	144
<i>Argentina silus</i>	33
<i>Arnoglossus laterna</i>	80
<i>Buglossidium luteum</i>	86
<i>Callionymus lyra</i>	187
<i>Callionymus maculatus</i>	25
<i>Capros aper</i>	37
<i>Chelidonichthys cuculus</i>	102
<i>Chelidonichthys lucerna</i>	85
<i>Clupea harengus</i>	161
<i>Echiichthys vipera</i>	89
<i>Eutrigla gurnardus</i>	248
<i>Gadus morhua</i>	228
<i>Glyptocephalus cynoglossus</i>	42
<i>Hippoglossoides platessoides</i>	188
<i>Lepidorhombus whiffiagonis</i>	57
<i>Leucoraja naevus</i>	26
<i>Limanda limanda</i>	295
<i>Loligo forbesii</i>	59
<i>Lophius piscatorius</i>	159
<i>Melanogrammus aeglefinus</i>	227
<i>Merlangius merlangus</i>	319
<i>Merluccius merluccius</i>	58
<i>Microchirus variegatus</i>	96
<i>Micromesistius poutassou</i>	48
<i>Microstomus kitt</i>	217
<i>Mustelus asterias</i>	37
<i>Pegusa lascaris</i>	31
<i>Pleuronectes platessa</i>	279
<i>Pollachius virens</i>	147
<i>Raja clavata</i>	118
<i>Raja montagui</i>	64
<i>Sardina pilchardus</i>	23
<i>Scomber scombrus</i>	155
<i>Scophthalmus rhombus</i>	45
<i>Scyliorhinus canicula</i>	183
<i>Sepia officinalis</i>	64
<i>Solea solea</i>	124
<i>Sprattus sprattus</i>	32
<i>Trachinus draco</i>	23
<i>Trachurus trachurus</i>	139
<i>Trigloporus lastoviza</i>	36
<i>Trisopterus esmarkii</i>	232
<i>Trisopterus luscus</i>	59
<i>Trisopterus minutus</i>	114
<i>Zeus faber</i>	60

Fig. S2 Individual-level analysis Pearson correlations between TP and body mass for individual consumers in all species analyzed.

List of abbreviations: Panel 1: Agon cat (*Agonus cataphractus*), Alon sub (*Alloteuthis subulata*), Amb rad (*Amblyraja radiata*), Arg sil (*Argentina silus*), Arn lat (*Argoglossus laterna*), Bug lut (*Buglossidium luteum*), Cal lyr (*Callionymus lyra*), Cal mac (*Callionymus maculatus*), Cap ape (*Capros aper*), Che cuc (*Chelidonichthys cuculus*), Che luc (*Chelidonichthys lucerna*), Clu har (*Clupea harengus*), Ech vip (*Echiichthys vipera*), Eut gum (*Eutrigla gumardus*), Gad mor (*Gadus morhua*), Gly cyn (*Glyptocephalus cynoglossus*), Hipp pla (*Hippoglossoides platessoides*), Lep whi (*Lepidorhombus whiffiagonis*), Leuc nae (*Leucoraja naevus*), Lim lim (*Limanda limanda*). Panel 2: Lol forb (*Loligo forbesi*), Lop pis (*Lophius piscatorius*), Mel aeg (*Melanogrammus aeglefinus*), Mer merla (*Merlangius merlangius*), Mer merlu (*Merluccius merluccius*), Mic kitt (*Microstomus kitt*), Mic pou (*Micromesistius poutassou*), Mic var (*Microchirus variegatus*), Mus ast (*Mustelus asterias*), Peg las (*Pegusa lascaris*), Ple pla (*Pleuronectes platessa*), Pol vir (*Pollachius virens*), Raj cla (*Raja clavata*), Raj mon (*Raja montagui*), Sar pic (*Sardina pilchardus*), Sep off (*Sepia officinalis*), Sco sco (*Scomber scombrus*), Scy can (*Scylirhinus canicula*), Sco rhom (*Scophthalmus rhombus*), Spr spr (*Sprattus sprattus*), Sol sol (*Solea solea*). Panel 3: Tra dra (*Trachinus draco*), Tri esm (*Trisopterus esmarkii*), Tri las (*Trigloporus lastoviza*), Tri min (*Trisopterus minutus*), Tri lus (*Trisopterus luscus*), Zeu fab (*Zeus faber*).

