

Diet of juvenile blue sharks *Prionace glauca* (Linnaeus, 1758)

(Carcharhiniformes: Carcharhinidae) in coastal waters off central-south Chile

Dieta de tiburones juveniles *Prionace glauca* (Linnaeus, 1758)

(Carcharhiniformes: Carcharhinidae) en la zona litora

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Feeding studies of pelagic sharks in Chilean - waters are rare because of the difficulty in accessing and collecting stomachs. This paper is the first contribution to the knowledge of the diet of juvenile *P. glauca* (Linnaeus, 1758), caught in the coastal zone of central-southern Chile. We described the diet of 13 juvenile *P. glauca* using frequency of occurrence, percent by number and weight quantitative indexes. The relationship between prey size and number and predator size was quantified with correlation analysis. Only 77% of stomachs had food contents. One hundred percent of stomachs contained *Engraulis ringens* and 60% had *Dosidicus gigas*. The relationship found between predator and prey size reinforces the hypothesis of positive relationships between predator and prey body size.