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東海南部與南海北部產 赤鯨之成熟與抱卵數

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摘要

本報告所使用之標本乃由 1970 年 1 月至 1971 年 1 月止，按月於基隆及高雄魚市場採集雙拖漁船在中國東海南部及南海北部作業所漁獲之赤鯨。

由成熟度係數與卵徑頻度分布之關係，可判斷赤鯨之成熟度可用成熟度係數表示。由成熟度係數與卵徑頻度分布之月變化可判斷南海北部產赤鯨之產卵期是在 12 月至 3 月間，而東海南部產者則在 6 月左右及 10 至 12 月間之兩個期間。兩海域赤鯨之雌魚的生物最小型為 140~160 mm (尾叉長)。由各體長別之性比變化顯示尾叉長 230~250 mm 以下之赤鯨，雌魚較雄魚為多，但此尾叉長以上之赤鯨則雄魚多於雌魚。東海南部產赤鯨之抱卵數顯然多於南海產者。