**2023年魚類學會論文發表會暨會員大會論文摘要格式**

【口頭及海報摘要格式】

1. 論文摘要格式請參考下列之樣本。**摘要中文或英文擇一。**
2. 字型：中文**標楷體**，英文**Times New Roman**；論文題目16號字，其餘均為12號字；學名斜體字，版面設定為左右3.18，上、下2.54 cm；行距採單行間距。
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【海報張貼格式】

壁報展示大小以全開直式海報為限（約85x113 cm）。

範例

太平洋黑鮪成魚於產卵前之攝食場及孵化海域

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本研究分析來自西北太平洋59尾太平洋黑鮪耳石δ18O組成，以決定其孵化海域。大部分個體(88%, n = 52)在距離核心800-1000 μm處顯示最高的δ18O值(反映冬天訊號)，少部分個體(12%, n = 7)在1300-1500 μm處顯示最高值。由結果推論，前者可能在4-7月出生於西太平洋產卵場，後者可能在7-8月出生於日本海產卵場。此外，分析120尾黑鮪肌肉的δ15N組成…(略)

Natal origin and feeding grounds of adult Pacific bluefin tuna (Thunnus orientalis) before the spawning season

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Sagittal otoliths of 59 adult Pacific bluefin tuna (*Thunnus orientalis*, PBF) caught in the spawning ground of northwest Pacific Ocean were analyzed for the δ18O compositions to determine their natal origin. Most PBF (88%, n = 52) showed the first highest δ18O values (the first winter signal) between 800-1000 μm from the core while a small portion (12%, n = 7) with the first highest δ18O values between 1300-1500 μm. The former was likely to be hatched in the western Pacific Ocean in April to July and the later might be hatched in the Sea of Japan in July to August. Besides, 120 adult PBF were analyzed for muscle δ15N composition to…