

Une éruption volcanique débusque *Neocentropogon profundus* (Tetrarogidae, Scorpaenoidei) à l'île de la Réunion (océan Indien)



From the 8(th) to the 11(th) April 2007, at Reunion Island (Indian Ocean), some fish were collected at sea surface after the eruption of the Piton de la Fournaise. Among these were eleven specimens of *Neocentropogon profundus* (Scorpaenoidei: Tetrarogidae). Six species of this genus have been described: two from the Pacific Ocean, *N. japonicus* Matsubara, 1943 and *N. trimaculatus* Chan, 1966; four from the Indian Ocean, *N. affinis* (Lloyd, 1909) from the Gulf of Martaban, Myanmar, *N. aeglefinus* (Weber, 1913) from the Halmahera Sea, Timor Sea, probably a junior synonym of *N. affinis*, *N. profundus* (Smith, 1958) off Mozambique, and *N. mesedai* Klausowitz, 1985 from the Mismaris-Trough, Red Sea. The eleven specimens found at Reunion constitute the largest available collection for *N. profundus*, previously known from only two specimens. This study provides an important new set of counts and measurements for this species and also documents its coloration and the shape of its otoliths.

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