Stomach Content and Ecological Feature of *Scatophagus argus* (Linnaeus) in Songkhla Lake

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Abstract

Stomach content and ecological feature of Spotted scat (*Scatophagus argus*, Linnaeus) was conducted in Songkhla Lake in the area Singhanakorn District, Koi Yo Subdistrict, Kunneng District in Songkhla Province and Pakpayun District in Pattalung Province during October 2003 to September 2004. The amounts 1,441 of Spotted scat were collected for verified digestible feed in stomach content by Gut analysis method. The type of all diet in stomach content of Spotted scat could identified approximately 19.05±14.64 % and unidentified as 3.71±3.49 %. The dietary composition was classified into 6 groups. They are Algae 6.73±10.12 %, Arthropoda 6.32±7.27 % (dominated by amphipod about 4.15±4.89 %), fish 2.13±2.29 %, Annelida 0.16±0.43 % (all of them were polychaete), Mollusca (all of them were little shell) 0.01 % and phytoplankton 0.001 %. The results of stomach content showed that Spotted scat in Songkhla Lake are Omnivorous fish which diet all of animal, algae and phytoplankton but preference animal than algae.

Key words: *Scatophagus argus*, Stomach content, Ecology, Songkhla Lake

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