

Arunothai Kumnerdphol 2010: Parasites of Some Cyprinid Fishes from Bang Pra Reservoir, Chon Buri Province. Master of Science (Zoology), Major Field: Zoology, Department of Zoology. Thesis Advisor: Assistant Professor Watchariya Purivirojkul, Ph.D. 164 pages.

Study on parasites of some cyprinid fishes from Bang Pra reservoir Chon Buri province was conducted. Fish were collected for 12 months during December 2007 to October 2008. Four species of fishes; *Puntius gonionotus*, *Cirrhinus jullieni*, *Probarbus jullieni* and *Hampala macrolepidota* were investigated for ecto and endoparasite. Two hundred and fifteen samples of *Puntius gonionotus* from 240 samples were infected with parasite (89.58%). From 240 samples *Cirrhinus jullieni*; 81 fishes were infected with parasite (33.75 %). *Probarbus jullieni* and *Hampala macrolepidota* could collected only two months; Two samples of *Probarbus jullieni* from 7 samples (28.57%) 4 samples of *Hampala macrolepidota* from 4 samples (100 %) were infected with parasites. Fourteen species of parasites were classified in six phyla. Ten species of parasites were found in *Barbobes gonionotus*. There were eight ectoparasites; two species of Protozoa (Unidentified Microspore, *Thelohanellus* sp.), four species of monogene (*Dactylogyrus pseudosphryna*, *Dactylogyrus lampam*, *Dactylogyrus kanchanaburiensis*, *Dactylogyrus tonguthaii*), one species arthropod (*Argulus siamensis*) and two species of endoparasites; one species of trematode (*Plagioporus* sp.), one species of acanthocephalan (*Acanthosentis siamensis*). Three species of parasites were found in *Cirrhinus jullieni*. There were three species of ectoparasites; two species of monogene (*Dactylogyrus pseudosphryna*., *Thaparogyrus jullieni*), one species of arthropod (Unidentified Isopod). One species of ectoparasites, *Dactylogyrus labei* (monogene) was found in *Probarbas jullieni*, *Dactylogyrus macrolepidoti* (monogene) were found in *Hampala macrolepidota*.

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