



## Intisari

Penelitian ini bertujuan untuk mengetahui ukuran bukaan mulut larva ikan gabus dan ukuran pakan alami yang dikonsumsi larva ikan gabus umur 3 sampai 40 hari, kecenderungan pakan alami larva ikan gabus umur 3 sampai 40 hari, serta mengetahui jenis-jenis pakan alami yang dikonsumsi larva ikan gabus berdasarkan indeks bagian terbesar. Pemeliharaan larva ikan gabus dilakukan pada bulan Agustus-September 2016. Larva ikan gabus dipelihara di dalam waring yang masing-masing berukuran 2 x 1 meter dan dipasang di kolam. Hasil penelitian menunjukkan bahwa bukaan mulut larva ikan gabus meningkat seiring dengan peningkatan umurnya dan memakan pakan alami yang berukuran lebih kecil dari bukaan mulutnya. Pakan alami yang menjadi kesukaan larva ikan gabus umur 3 sampai 40 hari yaitu Cacing, Copepods nauplii, *Moina*, *Diacyclop*, *Alonella*, *Monostyla*, *Cyclocypris*, *Macrothrix*, dan *Limnoithona*. Hasil analisis indeks bagian terbesar menunjukkan bahwa pakan alami utama larva ikan gabus yaitu zooplankton dengan nilai IP 93,04%, cacing merupakan makanan pelengkap dengan persentase IP sebesar 6,94%, dan fitoplankton merupakan makanan tambahan dengan persentase IP < 4%.

Kata kunci : ikan gabus, larva, pakan alami, plankton



### *Abstract*

The aims of this research were to measure the mouth size of snakehead fish larvae and the size of natural food which consumed by snakehead fish larvae aged 3 days to 40 days, trying to find the natural food tendencies that became a favorite of snakehead fish larvae aged 3 days to 40 days, and also determine the types of natural food consumed by snakehead fish larvae based on the index of preponderance. The maintenance of snakehead fish larvae were conducted in August until September 2016. Snakehead fish larvae reared on three pieces of nets, each measuring 2 x 1 meters and mounted on a pond. The result showed that the opening of larval fish mouth increasing along with the age, and consumed natural food which are smaller than the opening of his mouth. Natural food of snakehead fish larvae aged 3 to 40 days are worms, Copepods nauplii, *Moina*, *Diacyclop*, *Alonella*, *Monostyla*, *Cyclocypris*, *Macrothrix*, and *Limnoithona*. The main natural food of snakehead fish larvae based on the index of preponderance is zooplankton with IP value 93.04%, worms are complementary feeds with IP value 6.94%, and phytoplankton is additional feed with IP value <4%.

Keywords : fish larvae, natural food, plankton, snakehead fish