Abstract

In order to recover both data loggers and stomach contents of fishes, a new device, automatic fish recapture system (AFR system) was developed. The system can force to surface a free swimming fish at a preset time. We carried out two recapturing experiments on Mekong giant catfish in the Mae peum reservoir, Phayao, Thailand and successfully recovered one catfish and attached data loggers. Furthermore, we obtained data showed vertical movement and stomach contents as well as the AFR system.