

Kajian dampak masuknya ikan asing terhadap ikan lokal di situ Universitas Indonesia Depok, Jawa Barat = A study on the impact of introduced fish species towards native fishes in University of Indonesia lakes Depok West Java

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Abstrak

ABSTRAK

Penelitian mengenai dampak masuknya ikan asing telah dilakukan di Situ Kenanga, Agathis, Mahoni, Puspa, Ulin dan Situ Salam Universitas Indonesia, Depok, Jawa Barat pada bulan Maret ? April 2016. Penelitian bertujuan untuk mengkaji dampak masuknya ikan asing terhadap ikan lokal di Situ Kampus UI. Pengambilan sampel ikan dilakukan dengan menggunakan metode sampling bebas menggunakan Electrofishing gear, push net mata jaring 2,5 cm dan lift net. Hasil penelitian menunjukkan bahwa terjadi penurunan jumlah ikan lokal dan penambahan ikan asing yaitu ikan red devil (*Amphilophus citrinellus*) dan ikan aligator (*Atractosteus spatula*). Ikan red devil merupakan kompetitor bagi *Aplocheilus panchax*, *Barbodes binotatus*, *Clarias batrachus*, *Oreochromis mossambicus*, *Oreochromis niloticus*, *Pterygoplichthys pardalis*, *Trichopodus pectoralis* dan *Trichopsis vittata* sedangkan ikan aligator (*Atractosteus spatula*) merupakan predator yang rakus yang memangsa semua jenis ikan. Kedua jenis ikan tersebut berpotensi menjadi invasif karena memenuhi karakter sebagai invader sukses.

ABSTRAK

A research study on the impact of introduced fish has been carried out in Lake Kenanga, Agathis, Mahoni, Puspa, Ulin and Salam at The University Of Indonesia, West Java from March to April 2016. The study aims to assess the impact of introduced fishes towards the native fishes that are living in those lakes. Fish sampling was conducted through a free sampling method by using an electrofishing gear, a push net with a 2,5 cm mesh and a lift net. The results showed that there was a decline in the number of native fishes and an increase of introduced fishes which are The Red Devil (*Amphilophus citrinellus*) and the aligator gar (*Atractosteus spatula*). The red devil is a competitor for *Aplocheilus panchax*, *Barbodes binotatus*, *Clarias batrachus*, *Oreochromis mossambicus*, *Oreochromis niloticus*, *Pterygoplichthys pardalis*, *Trichopodus pectoralis* and *Trichopsis vittata* while the aligator gar is a predator that preys on all kinds of fish. Both types of fish can potentially become invasive because they have many characteristics that make them a successful invader.