

**THE EFFECTS ON THE EDIBLE-NEST SWIFTLET BEHAVIOR (*Aerodramus fuciphagus*)
INCUBATING BY GLOSSY SWIFTLET (*Collocalia esculanta*) IN SWIFTLET FARMING**

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Abstract

The technique in switching the edible-nest swiftlet (*Aerodramus fuciphagus*) eggs to be incubated by the glossy swiftlet (*Collocalia esculanta*) has been practiced in most of the swiftlet farming in Indonesia. However this practice is still new in Malaysia. A study was on the effect of switching the eggs done from December 2005 until January 2007 using direct observation. Therefore, the purpose of this study is to investigate the effect on the behavior towards the edible-nest swiftlet that being raised by the glossy swiftlet. Twenty selected glossy swiftlet nests were selected and replaced by two edible-nest swiftlet eggs. All the eggs (40 eggs) are successfully hatched and raised by the glossy swiftlet. Thirty two chicks (80%) stayed in the house, find its pair and started to breed. In the first breeding season, 26 nest (80%) are found made by 50% saliva and 50% either grass or moss. However, the percentage of saliva (90%) increased when the same pair started to make nest in the second breeding season. In the third breeding season, the nests are made from saliva and no grass or mosses are found.

Keywords: *Aerodramus fuciphagus*, *Collocalia esculanta*, switching the eggs