

Potential Impacts of Invasive House Crows (*Corvus splendens*) Bird Species in Ismailia Governorate, Egypt: Ecology, Control and Risk Management

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Abstract : House crows (*Corvus splendens*) have become well-established in Ismailia Governorate, Egypt, where they pose several and serious impacts on native biodiversity, ecosystems and humans health. However, there is a lack of literature on the status and effects of invasive birds in Egypt. Over the past 10 years in Ismailia, House crow have increased at a rate approaching (60000 birds)15% per annum; if this were allowed to continue, the population now 10909 birds and will exceed more by 2013, probably accompanied by an increase in geographical distribution in all Suez canal regions and an exacerbation of the problems caused. Population control is recommended, involving improvements in urban hygiene and the capture of adult crows using stupefying baits. Suitable baits and stupefacient doses were identified and these should be used annually, just before the breeding season. Control should be accompanied by studies of relevant aspects of the biology of house crows in Ismailia Governorate.

Keywords : environmental impact t, non-native invasive species, House crow birds, risk management, Ismailia-Egypt

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