Early stages of the common myna (Acridotheres tristis) invasion in Kruger National Park

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The common myna is native to southern Asia and was introduced to South Africa in 1902 to Durban (Peacock et al. 2007). The IUCN ISSG considers common myna one of the worst 100 invasive species.

While the heaviest damage has been recorded on invaded islands, there is growing evidence for impacts on mainland (e.g. Australia or Israel). Mynas are synantropic and urban dwelling species, yet there is evidence that they sometimes wander into natural areas. Indeed, some of the Kruger records are from places dozens of kilometers from nearest camps or towns (see map on the left).

Myna observations in KNP:
- 2000 - 2005
- 2006 - 2010
- 2011 - 2015
- 2016 - 2019

Each dot represents a first sighting at a given location – at some places, mynas have been seen repeatedly or even nesting. More than half of the records come from 2018-2019 (see graph in the middle).

Invasion curves for common myna in KNP

Frequency distribution of the number of birds recorded during individual observations

In the majority of cases only one individual or a pair was recorded; on rare occasions a whole flock was seen.

Kruger represents an ideal environment for common mynas and through their aggressive behaviour and fairly large body size they can compete with native bird populations; they also become a nuisance to tourists. With the rapidly increasing population in the past couple of years, there is a strong need to take action before the invasion fully develops.

Once mynas become established, it is virtually impossible to eradicate them; they are capable of learning from each other, learn to avoid bait or recognise armed shooters and their whereabouts. They are successful because they are...

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