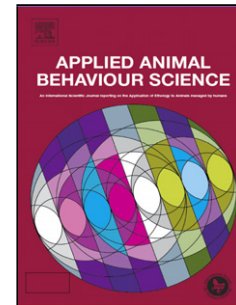


## Accepted Manuscript

Title: The ins and outs of the litter box: a detailed ethogram of cat elimination behavior in two contrasting environments

Authors: Ragen T.S. McGowan, Jacklyn J. Ellis, Miles K. Bensky, François Martin



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**Title: The ins and outs of the litter box: a detailed ethogram of cat elimination behavior in two contrasting environments**

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## Highlights

- Cat elimination sequences are more complex than previously thought, including as many as 39 different behaviors
- A relatively brief elimination sequence may be indicative of a more positive litter box experience
- Cats continue to use a box (and not eliminate outside the box) even when their behavior is indicative of frustration
- Provision of a suitable litter box environment promotes optimal wellbeing and potentially urinary tract health in cats

## Abstract

Few studies have sought to describe cat elimination behavior in detail and much of the information presently available focuses on factors that potentially cause cats to reject a litter box. Thus, the ethograms published in the current veterinary and scientific literature largely

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