

Accepted Manuscript

Title: The “olfactory mirror” and other recent attempts to demonstrate self-recognition in non-primate species

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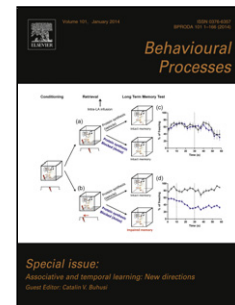
PII: S0376-6357(17)30486-2
DOI: <https://doi.org/10.1016/j.beproc.2017.12.010>
Reference: BEPROC 3559

To appear in: *Behavioural Processes*

Received date: 14-10-2017
Revised date: 12-12-2017
Accepted date: 14-12-2017

Please cite this article as: Gallup, Gordon G., The “olfactory mirror” and other recent attempts to demonstrate self-recognition in non-primate species. *Behavioural Processes* <https://doi.org/10.1016/j.beproc.2017.12.010>

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**The “olfactory mirror” and other recent attempts to demonstrate self-recognition in
non-primate species**

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Highlights

- We review a recent attempt to develop an “olfactory mirror” test of self-recognition in domestic dogs.
- We discuss the kind of data that are required to provide definitive evidence for self-recognition in dogs and other species.
- Despite claims to the contrary no dogs, elephants, dolphins, magpies, horses, manta rays, squid, or ants have shown compelling, reproducible evidence for self-recognition in any modality.

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