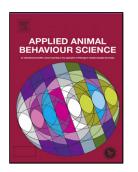
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ACCEPTED MANUSCRIPT

Pigs (Sus scrofa domesticus) categorize pictures of human heads

Running Head: CATEGORIZATION IN PIGS

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Highlights

- pigs learned to visually discriminate between the frontal and the posterior view of human heads
- they successfully generalised to 16 novel humans, thereby proving open-ended categorization
- they used face-specific or orientation-dependent rather than simple cues like color or brightness

Abstract

Scientists as well as farmers are increasingly interested in the mental capacities of pigs. Recent research has revealed surprising cognitive abilities, such as episodic memory, intentional deception and even theory of mind. Still, our knowledge about perceptuo-cognitive abilities, especially in the

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