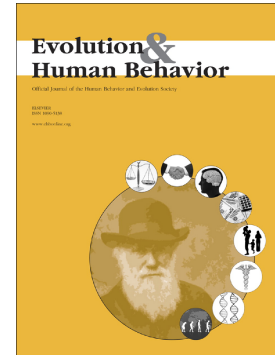


Accepted Manuscript

Acquisition of a socially learned tool use sequence in chimpanzees: Implications for cumulative culture

Gillian L. Vale, Sarah J. Davis, Susan P. Lambeth, Steven J. Schapiro, Andrew Whiten



PII: S1090-5138(16)30361-0
DOI: doi: [10.1016/j.evolhumbehav.2017.04.007](https://doi.org/10.1016/j.evolhumbehav.2017.04.007)
Reference: ENS 6130

To appear in:

Received date: 28 November 2016
Revised date: 17 April 2017
Accepted date: 22 April 2017

Please cite this article as: Gillian L. Vale, Sarah J. Davis, Susan P. Lambeth, Steven J. Schapiro, Andrew Whiten, Acquisition of a socially learned tool use sequence in chimpanzees: Implications for cumulative culture, (2016), doi: [10.1016/j.evolhumbehav.2017.04.007](https://doi.org/10.1016/j.evolhumbehav.2017.04.007)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Acquisition of a socially learned tool use sequence in chimpanzees: Implications for cumulative culture

Gillian L. Vale^{a,b}, Sarah J. Davis^{a,b}, Susan P. Lambeth^b, Steven J. Schapiro^b & Andrew Whiten^{a*}

^aCentre for Social Learning and Cognitive Evolution, and Scottish Primate Research Group,
School of Psychology & Neuroscience, University of St Andrews

^bNational Center for Chimpanzee Care, Michale E. Keeling Center for Comparative Medicine
and Research, The University of Texas MD Anderson Cancer Center

*Correspondence: Andrew Whiten, School of Psychology & Neuroscience, University of St
Andrews, KY16 9JP, UK. E-mail: aw2@st-andrews.ac.uk

Word Count: 6688

Abstract

Cumulative culture underpins humanity's enormous success as a species. Claims that other animals are incapable of cultural ratcheting are prevalent, but are founded on just a handful of empirical studies. Whether cumulative culture is unique to humans thus remains a controversial and understudied question that has far-reaching implications for our understanding of the evolution of this phenomenon. We investigated whether one of human's two closest living primate relatives, chimpanzees, are capable

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات