



**THE ROYAL
SOCIETY**

Culture evolves

Monday 28 – Wednesday 30 June 2010

Organised by Professor Andrew Whiten FRSE FBA, Professor Robert Hinde FRS, Professor Chris Stringer FRS and Professor Kevin Laland FRSE

CELEBRATING 350 YEARS

Monday 28 June				Tuesday 29 June			
SESSION 1 - Culture evolves in the animal kingdom		SESSION 2 - Primate social learning, traditions and culture		SESSION 3 - Hominin culture evolves		SESSION 4 - Hominin culture flowers and diversifies: cultural phylogenies	
Chair – Professor Sir Patrick Bateson FRS		Chair – Professor William McGrew		Chair – Professor Paul Mellars FBA		Chair – Professor Lord Colin Renfrew FBA	
9.00	Welcome by Stephen Cox						
9.05	Welcome Andrew Whiten	13.40	Introduction Andrew Whiten	9.00	Introduction Andrew Whiten	13.40	Introduction Andrew Whiten
9.15	Luc-Alain Giraldeau The economics of social information use in animals	13.45	Susan Perry Social tolerance, life history and the acquisition of socially learned traits in wild capuchins	9.05	H Roche Evolution of the earliest lithic technologies	13.45	Marta Mirazon Lahr The evolution of cultural diversity
9.45	Kevin Laland Social learning and tradition in fishes	14.15	Carel van Schaik Orangutan culture and its cognitive consequences	9.35	Naama Goren-Inbar Cultural and cognitive aspects of the million-year-long Acheulian industry	14.15	Stephen Shennan Descent with modification and the archaeological record
10.15	Coffee	14.45	Tea	10.05	Coffee	14.45	Tea
11.00	Tore Slagsvold The role of cultural transmission in shaping a species' ecological niche: cross-fostering experiments with titmice	15.30	Andrew Whiten The scope of culture in our ape concestors	11.00	Dietrich Stout Stone tool-making and the evolution of human culture and cognition	15.30	Ruth Mace The evolution of human social institutions
11.30	Alex Thornton Cultural transmission and the development of individual and group behaviour in mammal societies	16.00	Simon Reader Social learning co-evolves with primate brain enlargement and general intelligence	11.30	Francesco d'Errico Evolution, revolution or saltation scenario for the emergence of modern cultures?	16.00	Russell Gray Trees, networks and the evolution of language and culture
12.00	General Discussion	16.30	General Discussion	12.00	General Discussion	16.30	General Discussion
12.30	LUNCH	17.00	CLOSE	12.30	LUNCH	17.00	CLOSE

Wednesday 30 June			
SESSION 5 - How Darwinian is cultural evolution?		SESSION 6 - Ontogeny of cultural minds	
Chair – Professor Viscount Garry Runciman FBA		Chair – Professor Uta Frith FRS FBA	
9.00	Introduction Andrew Whiten	13.40	Introduction Andrew Whiten
9.05	Mark Pagel Culture evolves: natural selection and word evolution	13.45	Barry Hewlett Hunter-gatherer social learning in infancy and childhood
9.35	Mark Collard An extrasomatic means of adapting to what? Causes of technological variation among non-industrial societies in cross-cultural perspective	14.15	Derek Lyons Overimitation and the transmission of artefact culture
10.05	Coffee	14.45	Tea
11.00	Joe Henrich Cultural evolution in action: evidence from Fijian villages	15.30	Gergely Csibra Natural pedagogy
11.30	Luke Rendell The evolution of cultural transmission rules: insights from a social learning strategies tournament	16.00	Paul Harris Children's selective trust in informants
12.00	Discussion	16.30	Panel discussion/Overview
12.30	LUNCH	17.00	CLOSE