THE ROYAL SOCIETY

CELEBRATING 350 YEARS

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

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