

## evolution of social behaviour patterns in primates and man proceedings of the british academy

[#primate social behavior evolution](#) [#human social evolution patterns](#) [#evolutionary anthropology](#) [#british academy proceedings](#) [behavior](#) [#comparative primate behavior](#)

Delve into the evolution of social behavior patterns across primates and humans, exploring foundational research presented in the British Academy proceedings. This summary offers key insights into how complex social structures develop and adapt, providing a comparative perspective on human social evolution within the broader primate lineage.

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Evolution and human culture | Society and Culture | MCAT | Khan Academy - Evolution and human culture | Society and Culture | MCAT | Khan Academy by khanacademymedicine 124,263 views 8 years ago 5 minutes, 43 seconds - MCAT on Khan **Academy**,: Go ahead and practice some passage-based questions! About Khan **Academy**,: Khan **Academy**, offers ...

Evolution of Social Behaviour: the 2016 JEB symposium - Evolution of Social Behaviour: the 2016 JEB symposium by The Company of Biologists 1,215 views 7 years ago 7 minutes, 26 seconds - Delegates at the 2016 Journal of Experimental Biology symposium '**Evolution**, of **Social Behaviour**,' discuss the meeting.

Joel Levine Meeting co-organiser, University of Toronto, Canada

Pavan Ramdya California Institute of Technology, USA

Iain Couzin Max Planck Institute for Ornithology, Germany

Karen Bales University of California, Davis, USA

Lauren O'Connell Harvard University, USA

Joel Levine University of Toronto, Canada

Iain Couzin Max Planck Institute of Ornithology, Germany

Hans Hoppeler Editor-in-Chief, Journal of Experimental Biology

Lecture 07 Primate Behavior - Lecture 07 Primate Behavior by Chad Ryan Thomas 2,640 views 3 years ago 23 minutes - Recorded for ANTH131: Introduction to Physical Anthropology at the University of Southern Indiana.

Intro

How do we study Primate Behavior?

The Biological Continuum

Factors in Social Structure

Dominance hierarchy

Primate Communication

Vocalizations

Displays

Aggressive vs. Affiliative

The Savage Ape

Primate Territoriality

Overlapping Home Ranges

Chimp Border Patrols

Affiliative Behaviors

Little Bee & Big Bee

Social Grooming

Coalitions, or Alliances

How to explain altruism?

Primate Reproductive Strategies

Infanticide

Primate Culture

Tool use

Chimps

Language in Primates

Vervet Monkey calls

Ape Language in the Lab

Evolution of the Human Sociality: A Quest for the Origin of Our Social Behavior | KyotoUx on edX -

Evolution of the Human Sociality: A Quest for the Origin of Our Social Behavior | KyotoUx on edX by

edX 1,796 views 6 years ago 2 minutes, 16 seconds - Learn about the origins of human beings and

primatology, the scientific study of **primates**,. Through the **process**, of **evolution**,, ...

Introduction

Kyoto University

Gulls

Conclusion

The Evolution of the Social Mind, Prof Robin Dunbar, 1st Symposium of EPSIG, 2016 - The Evolution

of the Social Mind, Prof Robin Dunbar, 1st Symposium of EPSIG, 2016 by EPSIG UK 7,024 views

7 years ago 1 hour, 6 minutes - First Symposium of the **Evolutionary**, Psychiatry Special Interest

Group of the Royal College of Psychiatrists, Oct 4th 2016 in ...

Intro

Evolution of Sociality

The Four Wise

primates have unusually large brains

census sizes

has the internet opened our social world

Facebook pages

Importance of social network

Social effort

Maintaining relationships

Social cognition

Time

Interaction

Endorphin System

Laughter

Singing

Behavior

Humans and Other Animals: Cultural Evolution and Social Learning - Humans and Other Animals:

Cultural Evolution and Social Learning by The Royal Institution 44,545 views 8 years ago 1 hour,

7 minutes - What is culture? Is it uniquely human, or do animals have culture too? From dolphins

getting high on puffer fish, chimpanzees ...

Population level patterning

Cumulative cultural evolution

Examples of ecology influencing culture in this talk

Primate Evolution's Tangled Tree | Fundamental Concepts with Jenny Tung - Primate Evolution's Tangled Tree | Fundamental Concepts with Jenny Tung by Duke University 25,163 views 3 years ago 11 minutes, 8 seconds - Duke Associate Professor and MacArthur fellowship recipient Jenny Tung discusses tree metaphors, human **evolution**, and what ...

Human Evolution Animation. - Human Evolution Animation. by PS Studio 1,835,382 views 6 years ago 1 minute, 38 seconds - Human **Evolution**, Animation. This video describes the important events dates and time periods in the human **evolution**, animation.

Dryopithecus (Lived 15 to 20 million years ago)

Ramapithecus (Lived 7 million years ago)

Ardipithecus Ramidus (Lived 4.4 million years ago)

Australopithecus Anamensis (Lived 4.2 to 3.9 million years ago)

Australopithecus Afarensis (Lived 3.4 to 2.9 million years ago)

Australopithecus Robustus (Lived 2.1 to 1.8 million years ago)

Australopithecus Boise (Lived 2.3 to 1.1 million years ago)

Homo Habilis (Lived 2.4 to 1.5 million years ago)

Homo Sapiens, Archaic (Lived 500,000 - 200,000 years ago)

Homo Sapiens Neanderthalensi (Lived 230,000 - 30,000 years ago)

Homo Sapiens, Modern (Lived 230,000-30,000 years ago)

Evolution Of Humans - Human Evolution For Kids (Educational Video for Kids) - Evolution Of Humans - Human Evolution For Kids (Educational Video for Kids) by Fun World For Kids 58,806 views 6 months ago 4 minutes, 10 seconds - Did you know that humans like you and me, millions of years ago, **evolved**, from **apes**,? It is a very interesting story. Human beings ...

Human Evolution: The Complete Story Of Our Existence - Human Evolution: The Complete Story Of Our Existence by Naked Science 231,658 views 2 months ago 43 minutes - In this special documentary, we follow mankind's journey of life from the first cell all the way to present day. Based on ...

Evolution from ape to man. From Proconsul to Homo heidelbergensis - Evolution from ape to man. From Proconsul to Homo heidelbergensis by Scientists Against Myths 14,669,727 views 4 years ago 8 minutes, 32 seconds - For Millions of years, our planet has been floating in space. Millions of creatures have lived on its surface. Many a quaint being ...

Bonobos: One Of Humankind's Closest Relatives & What They Can Teach Us | TIME - Bonobos: One Of Humankind's Closest Relatives & What They Can Teach Us | TIME by TIME 448,261 views 7 years ago 5 minutes, 13 seconds - ABOUT TIME TIME brings unparalleled insight, access and authority to the news. A 24/7 news publication with nearly a century of ...

Intro

Bonobos

The Puzzle

What They Can Teach Us

The Evolution of Monkeys - The Evolution of Monkeys by Moth Light Media 433,652 views 2 years ago 9 minutes, 7 seconds - Email: mothlightmedia@outlook.com If I have used artwork that belongs to you but have neglected to credit it this will just be ...

HAPLORHINES Dry Nosed Primate

HAPLORHINES (Dry Nosed Primate)

NEW WORLD MONKEYS

Why Europeans And Asians Evolved So Differently - Why Europeans And Asians Evolved So Differently by Seeker+ 6,399,389 views 8 years ago 10 minutes, 40 seconds - Please Subscribe! <http://testu.be/1FjtHn5> Early humans migrated all over the world to get us where we are today.

Intro

The Land Bridge

Cows Milk

Lactose intolerance

Adaptations

What Is Evolution & types of HUMANS | Dr Binocs Show | Peekaboo Kidz - What Is Evolution & types of HUMANS | Dr Binocs Show | Peekaboo Kidz by Peekaboo Kidz 3,301,138 views 3 years ago 6 minutes, 25 seconds - Evolution, & Types Of Humans | What Are Types Of Humans | Humans | **Evolution**, Meaning | Different Types Of Humans ...

where did humans come from?

The human evolution

separated from the chimpanzees.

early hominins.

The early hominins

between 7 to 4.4 million years ago

ape and humans characteristics

The next stage of human evolution

These species could have possibly evolved  
mental, and behavioral characteristics.

humans started their incredible journey on earth.

the homo sapiens

have humans and apes stopped evolving?

you may be part Neanderthal species?

50,000 years ago

Zooming Out!

How did life begin and evolve ? | Evolution for kids | Human Evolution - How did life begin and evolve  
? | Evolution for kids | Human Evolution by Fun Facts Kids TV 115,142 views 3 years ago 3 minutes,  
37 seconds - The life on earth began in Oceans, about 3.5 billion years ago, from a tiny cell called  
LUCA ; which stands for Last Universal ...

Half a billion years ago

Birds

66 million years ago

The dawn of everything - a new science of human history with David Wengrow - The dawn of  
everything - a new science of human history with David Wengrow by Science & Cocktails 187,286  
views 1 year ago 56 minutes - Science & Cocktails is proud to present an evening with archeology  
superstar David Wengrow, acclaimed writer of the book "The ...

Introduction

The primordial soup of humanity

The agricultural revolution

The roots of inequality

The world until yesterday

The wrong story

Recent archaeological science

Ice age Europe

Coon loss

Domestication

Lowlevel food production

Ancient Mexico

Housing

William Hopkins - Evolution of Behavioral and Brain Asymmetries in Primates - William Hopkins -  
Evolution of Behavioral and Brain Asymmetries in Primates by University of California Television  
(UCTV) 1,180 views 12 years ago 21 minutes - William Hopkins, Yerkes National **Primate**, Research  
Center, looks at hemispheric specialization. Series: "CARTA - Center for ...

Left Hemisphere Specialization for Language (Wada test)

Some limitations.....

Simple Reaching

The TUBE task

Tool Use

Manual Gestures

Macaque Cortical Sulci

Chimpanzee Cortical Sulci

Human Cortical Sulci

Specific Sulcus Measures

Population Asymmetries

Comparative Sulcal Asymmetries

Comparative GM Thickness Asymmetries

Conclusions

Lecture 06 Primates - Lecture 06 Primates by Chad Ryan Thomas 1,989 views 3 years ago 21  
minutes - Recorded for ANTH131: Introduction to Physical Anthropology at the University of Southern  
Indiana.

Intro

PRIMATES

PRIMATE CHARACTERISTICS

WHY THESE TRAITS?

PRIMATE RANGE o Tropical and semi-tropical forests

PRIMATE LOCOMOTION

QUADRUPEDAL LOCOMOTION

VERTICAL CLINGING AND LEAPING

BRACHIATION

KNUCKLE-WALKING

BIPEDALISM

LEMURS AND LORISES

TARSIERS

OLD WORLD ANTHROPOIDS

LESSER APES

GREAT APES

ORANGUTANS

GORILLAS

CHIMPS AND BONOBO

HOMININS

Social Animals: How Evolution Shapes Human Social Behavior - Social Animals: How Evolution Shapes Human Social Behavior by Santa Fe Institute 3,001 views Streamed 4 years ago 1 hour, 12 minutes - Why do some societies enforce monogamous marriage, while the majority allow polygyny?

Why does inheritance flow from a **man**, ...

Introduction to Family Systems

Definitions of Married Systems

Polygamy

Direct Involvement of Third Parties

Classifying Merit Systems

Monogamy and Polygamy

Comparing Human Societies

Polyandry

Polygamous Mating

Polygynous Family

Patrilineal Inheritance

Naturally no Inheritance

Polygynous Marriage

Conclusion

Data Is because There Is a Sense That We Need To Focus on Societies before There Was Too Much Influence from Other Population Other Cultures Which Would Then Homogenize and Arrays Effectively that Variation across Societies so that's Why We Refer to these Standard Samples of Societies if the Factory Viewed a Snapshot of Variation in Cultural Practices in this Thing That We Called the Ethnographic Present Which Isn't Really at a Point in Time but It's the Useful Concept To Make Sure that We'Re Not Just Measuring the or We'Re Not Just Capturing the Cultural Practices of Societies That Have Colonized the World so It's It's the Balance and Trade-Off between these Two Things

Kevin Laland - The Evolution of Culture - Kevin Laland - The Evolution of Culture by The University of British Columbia 5,371 views 12 years ago 1 hour, 15 minutes - Webcast sponsored by the Irving K. Barber Learning Centre and hosted by Green College. Both demographically and ecologically ...

Intro

Our capacity for culture

Strategic Copying

Public Information Use

The Apparatus

Costly Information Hypothesis

Stickleback Phylogenetics

Nine Spice

Tournaments

Research Team

Tournament Structure

Prize  
Entries  
Copying  
Summary  
Feedback mechanisms  
Simon Reader  
Wilson  
Lesson 9 - Primate Behavior & Social Organization - Lesson 9 - Primate Behavior & Social Organization by Rachel Mitchell 9,549 views 7 years ago 15 minutes - I created this video with the YouTube Video Editor (<http://www.youtube.com/editor>)  
PRIMATE EVOLUTION - PRIMATE EVOLUTION by Andrew Kramer 13,633 views 3 years ago 42 minutes - Human **Evolution**, Course at Cuyahoga Community College. Lecture on Early **Primate Evolution**,.  
Intro  
Let's Review Primate Traits  
How did Primates Evolve?  
Arboreal Adaptation Hypothesis  
Visual predation Hypothesis  
Arboreal/Visual  
Angiosperm Radiation Hypothesis  
Color vision, grasping hands & feet are good adaptations for eating fruit.  
When did Primates Evolve?  
Setting the Stage  
Geologic Time: Cenozoic Era  
The Cenozoic Era Humans first use & control fire in 65 MYA  
Paleocene: Rise of Plesiadapiforms.  
Enter: Purgatorius  
Proto-Primate Traits & Tree Shrews  
Euprimates: True Primates  
Adaptive Radiation  
Fanciful reconstruction of Eosimians  
Eosimias: Earliest Anthropoid Primates  
Oligocene Era (Rise of Anthropoids)  
Early Anthropoids  
The Anthropoid Ancestor: Euprimate Contenders  
Catopithecus: Fayum evolutionary enigma  
Can any Eocene fossils be attributed to living primate groups?  
Oligocene Primate Evolution  
Fayum Primates HUGE diversity  
Apidium: Parapithecoid from Oligocene of Fayum  
Fayum Family Tree  
Fossil New World Monkeys  
How did monkeys get to South America?  
Miocene Fossil Apes  
African Early Miocene: Proconsul  
Diversity of Early-Middle Miocene hominoids in Africa  
Oreopithecus: Late Miocene, Europe  
Sivapithecus (12-8 mya)  
Miocene Hominoids: Conclusions  
Dryopithecus laietanus  
Miocene Timeline  
Timeline of Events  
R versus K Selection  
Survivorship Curves  
The Miocene Apes  
What Happens Next?  
Elizabeth Hobson - The evolution of decision-making, social cognition, and complex sociality | CBSS  
- Elizabeth Hobson - The evolution of decision-making, social cognition, and complex sociality | CBSS

by Collective Behaviour 565 views 3 years ago 1 hour, 9 minutes - Elizabeth Hobson, University of Cincinnati, presents the Collective **Behaviour**, Seminar Series on "The **evolution**, of ...

Intro

Social relationships with particular individuals can have strong fitness effects

Social systems: Feedback between actions & information

Integrating traditional approaches with computational tools

Monk parakeet system

Socio-cognitive building blocks of parakeet sociality

Dynamics of aggression & dominance in novel monk parakeet groups

Aggression is proactive: Targets are actively chosen

Rank all individuals based on fights

Reference models for network analysis

Reference models of rank-based information

Initial aggression patterns

Traditional methods to infer rank perception in animals

New computational methods & animal conflict data

New measures quantify general patterns underlying aggression

Taxonomy of social dominance patterns

Randomly re-wire aggression network

Model each group & assign social dominance pattern

Can complex social dominance patterns emerge with limited information?

Is individual information "enough" for emergence of complex social dominance patterns?

Social groups can change which strategy they use over time

How does decision-making and social dominance change when the system is perturbed?

How does decision-making and cooperative behavior change when the system is perturbed?

The evolution of decision-making, social cognition, and complex sociality

Primates! - Primates! by Sheila Nightingale 11,180 views 4 years ago 37 minutes - This lecture covers the main groups of living **primates**, and a brief look at the **evolutionary history**, of the **primate**, clade.

Introduction

Primate Characteristics

Sense of Sight

Sense of Hands

Brain Complexity

Altricial Young

Sociality

Teeth

Eyes

Post Crania

Apes

Major Primate Groups

The Age of Reptiles

The Age of Mammals

Early Primates

Evolutionary Line

Lemurs

Loris

Platyrrhines

New World

Old World

The Apes

Proconsul

Gigantopithecus

Gibbons

Orangutan

Gorillas

Chimps

Frame and Magnum

Homo sapiens

## Review Questions

Prof Robin Dunbar - The tradeoff between fertility & predation risk in evolution of mammal sociality -  
Prof Robin Dunbar - The tradeoff between fertility & predation risk in evolution of mammal sociality  
by Oxbridge BioSoc 154 views Streamed 3 years ago 1 hour, 22 minutes - The Cambridge BioSoc  
are pleased to host Professor Robin Dunbar for our sixth event of the term! Robin Dunbar MA PhD ...  
Intro

Group Size in Mammals

Primate Social Style is Different

Aggregations vs Congregations

Fractal Structure of Primate Groups

Why We Live in Groups

The Central Problem of Sociality ...as we conventionally see it

The (In)Fertility Trap

Number of Co-Resident Females Negatively Affects Fertility

Endocrinology 101

Infertility Trap in Primates

How Primates Solved the Infertility Trap

The Central Problem of Social Evolution

Bonding and Coalitions

Baboon Group Size Distribution

Fertility in Baboons

Why the shape?

A Rather Unexpected Result

Social Bonding in Primates

Social Brain Hypothesis

Cognitive Underpinnings of Social Bonding

Socio-Cognitive Grades in Primates

Multilevel Social Systems

Evolutionary Approaches to Culture Workshop - pt 1 of 2 - Evolutionary Approaches to Culture

Workshop - pt 1 of 2 by Instituto de Estudos Avançados da USP 400 views 4 years ago 3 hours,  
4 minutes - In recent years, the debate has gained increasing consistency, visibility and relevance,  
seeking to overcome epistemological ...

Darwinian Models of Cultural Evolution

Ecological Inheritance

WILD CHIMPANZEE CULTURES discoveries in the twentieth century

Anthropology Day 10- topic1.5 locomotor patterns of primates , evolution of primates - Anthropology  
Day 10- topic1.5 locomotor patterns of primates , evolution of primates by Anthropology for upsc  
cse 5,497 views 1 year ago 37 minutes - #upsc #anthropology #mains #jkpsc #upscmotivation #ias  
#lbsnaa #**evolution**,.

Communication Systems in Primates | Anindya Sinha | TEDxJadavpurUniversity - Communication  
Systems in Primates | Anindya Sinha | TEDxJadavpurUniversity by TEDx Talks 2,418 views 6 years  
ago 21 minutes - Renowned primatologist Anindya Sinha demonstrates the constant **evolution**, in  
communication **patterns**, in **primates**, and how this ...

Explorations Chapter 6 Primate Behavior - Explorations Chapter 6 Primate Behavior by AOK stem  
2,312 views 2 years ago 31 minutes - Physical Anthropology lecture video to go with Chapter 6 from  
open access book: Shook, B., Nelson, K., Aquilera, K., and Braff, ...

Intro

What is primatology

Leaders of primatology

Studies in the lab

Why do primates live in groups

Aggressive vs affiliative behaviors

Communication

Facial Expressions

Food Seeking

Reproductive Strategy

Monogamy

Polygamy

Review



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primates from the Oligocene of Pakistan (Bugti Hills): Data on early anthropoid evolution and biogeography". Proceedings of the National Academy of Sciences... 158 KB (16,215 words) - 18:29, 6 March 2024

OCLC 845673575. Hamilton, W. D. (1964). "The genetical evolution of social behaviour. I, II". Journal of Theoretical Biology. 7 (1): 1–52. Bibcode:1964JThBi... 175 KB (21,493 words) - 12:22, 5 March 2024  
specializations, social exchange, and the evolution of human intelligence". Proceedings of the National Academy of Sciences of the United States of America. 107... 106 KB (12,442 words) - 04:04, 7 March 2024

isotope evidence for an amphibious phase in early proboscidean evolution". Proceedings of the National Academy of Sciences. 105 (15): 5786–5791. Bibcode:2008PNAS... 131 KB (14,372 words) - 15:40, 4 March 2024

"Evolution of kinship structures driven by marriage tie and competition". Proceedings of the National Academy of Sciences of the United States of America... 261 KB (24,841 words) - 04:19, 8 March 2024  
other primates. Current evidence indicates that anatomically modern humans were naked in prehistory for at least 90,000 years before the invention of clothing... 30 KB (3,510 words) - 12:24, 14 February 2024

that of anthropoid primates. As with all strepsirrhine primates, they have a "wet nose" (rhinarium). Lemurs are generally the most social of the strepsirrhine... 176 KB (18,727 words) - 01:53, 28 February 2024

Evolution is the change in the heritable characteristics of biological populations over successive generations. Evolution occurs when evolutionary processes... 238 KB (24,634 words) - 04:50, 28 February 2024

Narvaes, Rodrigo (2015). "Behavioural, hormonal and neurobiological mechanisms of aggressive behaviour in human and nonhuman primates". Physiology & Behavior... 123 KB (14,917 words) - 05:24, 24 February 2024

(August 2017). "The social organization of Homo ergaster: Inferences from anti-predator responses in extant primates". Journal of Human Evolution. 109: 11–21... 133 KB (15,554 words) - 02:48, 7 March 2024

(2006). "Development of bat flight: Morphologic and molecular evolution of bat wing digits". Proceedings of the National Academy of Sciences. 103 (17):... 167 KB (18,083 words) - 13:39, 28 February 2024  
theories on the origin and process of the evolution of menopause. These attempt to suggest evolutionary benefits to the human species stemming from the cessation... 26 KB (3,444 words) - 14:07, 5 January 2024

"Reciprocal Evolution of the Cerebellum and Neocortex in Fossil Humans". Proceedings of the National Academy of Sciences of the United States of America.... 322 KB (34,888 words) - 02:23, 8 March 2024  
S2CID 205979349. Dunbar, R. I. M. (2010-02-01). "The social role of touch in humans and primates: Behavioural function and neurobiological mechanisms". Neuroscience... 85 KB (10,095 words) - 01:30, 2 March 2024

"Negative emotional contagion and cognitive bias in common ravens (Corvus corax)". Proceedings of the National Academy of Sciences. 116 (23): 11547–11552... 72 KB (7,674 words) - 11:11, 7 March 2024

1990). "Evolution of spatial cognition: sex-specific patterns of spatial behavior predict hippocampal size". Proceedings of the National Academy of Sciences... 127 KB (14,847 words) - 17:09, 3 March 2024

E. (2019-03-11). "Social alliances improve rank and fitness in convention-based societies". Proceedings of the National Academy of Sciences. 116 (18):... 58 KB (6,358 words) - 18:22, 6 February 2024  
instead. The spotted hyena is the most social of the Carnivora in that it has the largest group sizes and most complex social behaviours. Its social organisation... 109 KB (12,988 words) - 20:02, 7 March 2024

Non-human primates, like many other animals, have evolved specialized mechanisms for producing sounds for purposes of social communication. On the other hand... 64 KB (7,973 words) - 17:23, 1 January 2024

"Determinants of distribution patterns and management needs in a critically endangered lion *Panthera leo* population". *Frontiers in Ecology and Evolution*. 4 (4):... 143 KB (15,824 words) - 21:32, 3 March 2024