Preparing for Adult Aggression: Do Juvenile Male Mammals Play More than Females?

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Introduction and Aims

- \bullet chasing [1][2]
- systematically
- ulletidentify factors which might lead to sex differences in RTP



Results and Conclusions

- studies found, and species with a lack of sex differences in adult body mass and behaviour
- Primates, carnivores and proboscidea (elephants) were over-represented (p<.05), but most other orders were under-represented

[1] Burghardt, G. (2005) The genesis of animal play: Testing the limits. MIT Press.

[2] Fry, D. (2005) 'Rough-and-Tumble Social Play in Humans', in *The nature of play: Great apes and humans.*, pp. 54–88. [3] Popay, J. et al. (2006) 'Guidance on the conduct of narrative synthesis in systematic reviews', A product from the ESRC methods programme Version.



Dasvuroides bvrne Elephas maximus Desmodus rotundus Equus caballus Sus scrofa Tavassu pecari Tursiops truncatus Odocoileus hemionus Gazella cuvier Orvx dammah Capra ibex Ovis canadensis Suricata suricatta Lynx lynx Prionailurus bengalensis Felis catus Canis lupus /larmota flaviventris Urocitellus beldingi Urocitellus columbianus Lemur catta Callicebus cupreus Ateles geoffroyi Alouatta pigra Alouatta palliata Saimiri sciureus Callithrix jacchus Leontocebus fuscicollis Pongo abelii Pongo pygmaeus Gorilla gorilla Pan paniscus Pan troglodytes Rhinopithecus roxellana Colobus guereza Procolobus rufomitratus Miopithecus talapoin Cercopithecus ascanius Cercopithecus mitis Chlorocebus aethiop Erythrocebus patas Macaca arctoides Macaca mulatta Macaca fuscata Macaca nigra Cercocebus atys Lophocebus albigena Theropithecus gelada Papio cynocephalus Papio hamadryas Papio anubis





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