

PUBLICATION LIST - Lena Sophie Pflüger, Dipl.-Biol., PhD

LIST of SCIENTIFIC PUBLICATIONS

POSTERS and TALKS

Pflüger, LS, Pink, KE, Böck, A, Huffman, MA & Wallner, B (2019). On the sunny side of (new) life- Effect of sunshine duration on age at first reproduction in Japanese macaques. Talk presented at the Symposium of Life Sciences dedicated to the new collaboration between the University of Vienna and the University of Chicago, 2019 in Vienna, Austria

Sintonen, S, Pflüger, LS, Sigmundson, R, Massen, JJM & Koski, SE (2019). Female Japanese macaques' personality and friendship. Poster presented at the EFP 2019 in Oxford, England

Gruber, R, Pflüger, LS, Hofer, M & Steinborn, R (2019). The *MAOA* gene in different macaque societies: a work in progress. Talk presented at the Symposium of Life Sciences dedicated to the new collaboration between the University of Vienna and the University of Chicago, 2019 in Vienna, Austria

Herzele, J, Kalcher-Sommersguter, E, Franz-Schaidler, C, Steinborn, R, Wallner, B, Pflüger, LS (2017) *MAOA*: a modulator of conflict behaviour in male Japanese macaques? Talk presented at the conference of the Gesellschaft für Primatologie (GfP) 2017 in Zürich, Switzerland.

Armster, S, Pflüger, LS, Bugnyar, T, Massen, J (2017) The effect of reward quality on performance in a string-pulling task and on subsequent theft avoidance in semi-free ranging Japanese macaques. Poster presented at the conference of the Gesellschaft für Primatologie (GfP) 2017 in Zürich, Switzerland.

Herzele, J, Kalcher-Sommersguter, E, Franz-Schaidler, C, Gutleb, R, Steinborn, R, Wallner, B & Pflüger, L (2016). Is conflict behaviour of male Japanese macaques associated with polymorphisms in *FKBP5*? Poster presented at the European Conference on Behavioural Biology (ECBB) 2016 in Vienna, Austria.

Boeck, A, Pflüger, LS & Wallner, B (2016). Reproductive parameter of a semi-free ranging troop of Japanese macaques. Poster presented at the European Conference on Behavioural Biology (ECBB) 2016 in Vienna, Austria.

Pflüger, LS, Gutleb, DR, Fieder, M, Hofer, M, Wallner, B & Steinborn, R (2015). A *COMT* haplotype is associated with increased cortisol excretion in male Japanese macaques. Poster presented at the Conference of the Gesellschaft für Primatologie (GfP) 2015 in Leipzig, Germany.

Pflüger, LS, Gutleb, DR, Fieder, M, Hofer, M, Wallner, B & Steinborn, R (2014). A *COMT* haplotype in semi-free ranging Japanese macaques (*M. fuscata*). Talk presented at the Science Day of the Faculty of Life Sciences 2014 in Vienna, Austria

Gutleb, DR, Pflüger, LS & Wallner, B (2014). Semi-free versus wild Japanese macaques – a meta-analysis. Poster presented at the International Conference on Diseases of Zoo and Wild Animals 2014 in Warsaw, Poland.

Pflüger, LS, Valuch, C, Ansorge, U & Wallner, B (2012). Female facial colouration affects male attentional preferences in Japanese macaques. Poster presented at the International Society of Human Ethology (ISHE) conference 2012 in Vienna, Austria.

Valuch, C, Pflüger, LS, Wallner, B & Ansorge, U (2012). Linger on ... your pale blue eyes: measuring facial attractiveness objectively. Poster presented at the XXI Biennial Conference on Human Ethology 2012 in Vienna, Austria.

Heise, N, Valuch, C, Pflüger, LS, Ansorge, U, Wallner, B & Huber, L (2012). Towards an understanding of the universal principles of cognition in men and animals. Poster presented at the XXI Biennial Conference on Human Ethology 2012 in Vienna, Austria.

Pflüger, LS, Valuch, C, Ansorge, U & Wallner, B (2012). Colour as a cue of sexual attractiveness and attentional preferences in Japanese macaques. Poster presented at the European Conference on Visual Perception (EVP) 2012 in Alghero, Italy.

Pflüger, LS, Oberzaucher, E, Katina S, Holzleitner IJ & Grammer, K (2011). Are attractive women more fertile? Evidence from a rural sample. Poster presented at the sixth European Human Behaviour and Evolution Association (EHBEA) Conference 2011 in Gießen, Germany

Holzleitner, IJ, Oberzaucher, E, Pflüger, LS & Grammer, K (2011). Matching pairs [II]. Perceived and anthropometric (dis-)similarity in a rural sample of long-term mates. Poster presented at the sixth EHBEA Conference 2011 in Gießen, Germany, at the fifth annual meeting of the North Eastern Evolutionary Psychology Society (NEEPS) 2011 in Binghamton, NY, USA and at the annual meeting of the Human Behavior and Evolution Society (HBES) 2011 in Montpellier, France.

Pflüger, LS, Oberzaucher, E, Katina S, Holzleitner IJ & Grammer, K (2010). Are attractive women more fertile? Evidence of a rural sample. Talk presented at the International Society of Human Ethology (ISHE) conference 2010 in Madison, WI, USA.

Holzleitner, IJ, Oberzaucher, E, Grammer, K & Pflüger, LS (2010). Matching Pairs [I]. Facial similarity in a rural sample of long-term mates. Poster presented at the fourth annual meeting of the NorthEastern Evolutionary Psychology Society (NEEPS) 2010 in New Paltz, NY, USA.

Schmehl, S, Holzleitner, IJ, Oberzaucher, E, Grammer, K, Alscher, W, Pflüger, LS, Steinkopf, L & Altheld, L (2008). The signal quality of head movements. Poster presented at the International Society of Human Ethology (ISHE) conference 2008 in Bologna, Italy and at the Interdisziplinäres Kolleg (IK) in Günne, Germany

JOURNAL ARTICLES

Pflüger, LS, Pink, KE, Wallner, B & Huffman, MA. The monkeys of the Austrian mountain: twenty-three years data on the Japanese macaques at the Affenberg Landskron. *In prep.*

Pflüger, LS, Pink, KE, Böck A, Huffman, MA & Wallner, B. On the sunny side of (new) life-Effect of sunshine duration on age at first reproduction in Japanese macaques (*Macaca fuscata*) (2019). *American Journal of Primatology*, 81(7), e23019

Wallner, B, Windhager, S, Schaschel, H, Nemeth, M, Pflüger, LS, Fieder, M, Domjanić, J, Millesi, E & Seidler, H. Sexual Attractiveness: a Comparative Approach to Morphological, Behavioral and Neurophysiological Aspects of Sexual Signaling in Women and Nonhuman Primate Females (2019). *Adaptive Human Behavior and Physiology*, 5(2), 164-186.

Siart, B, Pflüger, LS & Wallner, B. Pulling rank. Pulling rank: Military rank affects hormone levels and fairness in an allocation experiment (2016). *Frontiers in Psychology*, 7, 1750.

Pflüger, LS, Gutleb, DR, Hofer, M, Fieder, M, Wallner, B & Steinborn, R. Allelic variation of the *COMT* gene in a despotic primate society: A haplotype is related to cortisol excretion in *Macaca fuscata* (2016). *Hormones and Behavior*, 78: 220-230.

Valuch, C, Pflüger, LS, Wallner, B, Laeng, B & Ansorge, U. Using eye tracking to test for individual differences in attention to attractive faces (2015). *Frontiers in Psychology*, 6:42.

Abend, P, Pflüger, LS, Koppensteiner, M, Coquerelle, M & Grammer, K. The sound of female shape: a redundant signal of vocal and facial attractiveness (2015). *Evolution and Human Behavior*, 36: 174-18.

Gutleb, DR, Pflüger, LS & Wallner, B. Semi-freie und wilde Japanmakaken – eine Meta-Analyse (2014). *Carinthia II*, Klagenfurt, 204/124:433-442.

Pflüger, LS, Valuch, C, Gutleb, DR, Ansorge, U & Wallner, B. Colour and contrast of female faces: Attraction of attention and its dependence on male hormone status in *Macaca fuscata* (2014). *Animal Behavior*, 94: 61-71.

Pflüger, LS, Oberzaucher, E, Katina, ST, Holzleitner, IJ & Grammer, K. Cues to fertility: perceived attractiveness and facial shape predict reproductive success (2012). *Evolution and Human Behavior*, 33:708-714.

BOOK CHAPTERS & PEER-REVIEWED ABSTRACTS

Grammer, K & Pflüger, LS (2015). *Fluctuating Asymmetry*. In: The International Encyclopedia of Human Sexuality, edited by Patricia Whelehan and Anne Bolin. Malden, Oxford: John Wiley and Sons, Ltd

Pflüger, LS, Valuch, C, Ansorge, U & Wallner, B. Colour as a cue of sexual attractiveness and attentional preferences in Japanese macaques (2012). *Perception*, 41(S), 127. ECVF 2012.