

LIST OF PUBLICATIONS

Books:

Millesi, E & Hoffmann IE, eds. (2014): Perspectives on an endangered species. Abstracts of the 5th European Ground Squirrel Meeting, 2-5 October 2014, Rust, Austria, University of Vienna.

Articles:

- Aschauer, A, Hoffmann, IE & Millesi, E (2006): Endocrine profiles and reproductive output in European ground squirrels after unilateral ovariectomy. *Animal Reproduction Science* 92, 392–400.
- Ben Slimen, H, Gedeon, CI, Hoffmann, IE & Suchentrunk, F (2012): Dwindling genetic diversity in European ground squirrels? *Mammalian Biology* 77, 13–21.
- Duschek, A, Hoffmann, IE, Dittami, JP & Millesi, E. (2002): The use of PIT-tags in monitoring burrow activity in the European ground squirrel (*Spermophilus citellus*). In: The case of the European ground squirrel (IE Hoffmann, Ph.D. dissertation) University of Vienna, pp. 57–60.
- Everts, LG, Strijkstra, AM, Hut, RA, Hoffmann, IE & Millesi, E (2004): Seasonal variation in daily activity patterns of free-ranging European ground squirrels (*Spermophilus citellus*). *Chronobiology International* 21, 57-71.
- Feoktistova, NYu, Surov, AV, Tovpinetz, NN, Kropotkina, MV, Bogomolov, PL, Siutz, C, Haberl, W & Hoffmann, IE (2013): The Common hamster as a synurbist: a history of settlement in European cities. *Zoologica Poloniae* 58, 113-126.
- Hoffmann, IE (1995): Raubdruck, Warnrufe und Wachsamkeit bei Europäischen Zieseln (*Spermophilus citellus citellus*). M.Sc. Thesis, University of Vienna.
- Hoffmann, IE (2002): Wiener Arten- und Lebensraumschutzprogramm Netzwerk Natur, Grundlagenerhebung zum Artenschutzprojekt Ziesel. www.wien.gv.at/kontakte/ma22/studien/pdf/ziesel.pdf, Municipal Department for Environmental Protection, MA22 – 3827/2002, 31.10.2016.
- Hoffmann, IE (2002): The case of the European ground squirrel. Population dynamics and plasticity of life-history traits in a suburban environment. Ph.D. dissertation, University of Vienna.
- Hoffmann, IE (2002): Analyses of life-history traits: developmental processes, activity patterns and reproductive strategies. In: The case of the European ground squirrel (IE Hoffmann, Ph.D. dissertation) University of Vienna, pp. 3–6.
- Hoffmann, IE (2002): Analyses of population dynamics and the causes of demographic changes. In: The case of the European ground squirrel (IE Hoffmann, Ph.D. dissertation) University of Vienna, pp. 61–64.
- Hoffmann, IE (2002): Review and Prospectus. In: The case of the European ground squirrel (IE Hoffmann, Ph.D. dissertation) University of Vienna, pp. 87–92.
- Hoffmann, IE (2004): Die Kleinsäugerfauna des Botanischen Gartens der Universität Wien. In: Die Tierwelt des Botanischen Gartens der Universität Wien (A Pernstich and HW Krenn, eds.) Institut für angewandte Biologie und Umweltbildung, Vienna, pp 71–76.
- Hoffmann, IE (2005): Erfassung von Vorkommen des Europäischen Ziesels im Wiener Norden mit begleitender Aufnahme des Feldhamsters. www.wien.gv.at/kontakte/ma22/studien/pdf/ziesel-hamster-2005.pdf, Municipal Department for Environmental Protection, MA22 –1691/2005, 31.10.2016.
- Hoffmann, IE (2008): Using track tubes to verify the syntopic occurrence of two ground-dwelling rodent species. *Biosystematics and Ecology* 25, 91–94.
- Hoffmann, IE (2011a): Artenkartierung Feldhamster in den Wiener Gemeindebezirken 10 und 11 mit stichprobenartiger Überprüfung der Bezirke 21 und 22., Municipal Department for www.wien.gv.at/umweltschutz/naturschutz/pdf/feldhamster-karte.pdf Environmental Protection, MA22 – 1422/2010, 31.10.2016.
- Hoffmann, IE (2011b): Artenkartierung Europäisches Ziesel und Feldhamster in Wien 21., Heeresspital und Umgebung östlich Brünner Straße. www.wien.gv.at/kontakte/ma22/studien/pdf/heeresspital.pdf, Municipal Department for Environmental Protection, MA22 –1422/2010, 19.12.2011.
- Hoffmann, IE (2012): Kartierung potenzieller Ziesel-Ansiedlungsflächen mit begleitender Aufnahme des Feldhamsters, Nationalpark Donau-Auen GmbH.
- Hoffmann, I.E. (2015): Feldhamster (*Cricetus cricetus*) Wien, Niederösterreich und Burgenland. www.google.com/maps/d/viewer?mid=z5KRPbs8813E.kYnbFQa_DzTA, 05.02.16.
- Hoffmann, I.E. (2016): Europäisches Ziesel (*Spermophilus citellus*) Wien, Niederösterreich und Burgenland. www.google.com/maps/d/viewer?mid=z5KRPbs8813E.kI2T6WlaoBsg, 23.07.16.
- Hoffmann, IE, Millesi, E, Huber, S, Everts, LG & Dittami, JP (2003): Population dynamics of European ground squirrels (*Spermophilus citellus*) in a suburban area. *J. Mammal.* 84, 615–626.
- Hoffmann, IE, Millesi, E, Pieta, K & Dittami, JP (2003): Anthropogenic effects on the population ecology of European ground squirrels (*Spermophilus citellus*) at the periphery of their geographic range. *Mammalian Biology – Zeitschrift für Säugetierkunde* 68, 205–213.

- Hoffmann, IE, Muck, E & Millesi, E (2002): Application of a modified radio-tagging technique to detect causes of disappearance among juvenile European ground squirrels (*Spermophilus citellus*). In: The case of the European ground squirrel (IE Hoffmann, Ph.D. dissertation) University of Vienna, pp. 75–80.
- Hoffmann, IE, Muck, E & Millesi, E (2004): Why males incur a greater predation risk than females in juvenile European squirrels (*Spermophilus citellus*). *Lutra* 47, 85–94.
- Hoffmann, IE, Turrini, T & Brenner, M (2008): Do European ground squirrels in Austria adjust their life history to anthropogenic influence? *Lynx* 39, 241–250.
- Huber, S, Hoffmann, IE, Millesi, E, Dittami, JP & Arnold, W (2001): Explaining the seasonal decline in litter size in European ground squirrels. *Ecography* 24, 205–211.
- Komposch, B, Zimmermann, P, Holzinger, W & IE Hoffmann (2016): Bestandserfassung und -evaluierung des Feldhamsters (*Cricetus cricetus*) im Jahr 2015 im Stadtgebiet Wien. Municipal Department for Environmental Protection, MA22 – 563523/2015.
- Millesi, E & Hoffmann IE (2008): Body mass and timing of the active season in European ground squirrels (*Spermophilus citellus*) at high and low population density. *Lynx* 39, 305–315.
- Millesi, E, Hoffmann IE, Aschauer, A & Franceschini, C (2004): Reproduction and hibernation in females: a comparison of two sympatric ground-dwelling rodents. In: Life in the Cold: Evolution, Mechanisms, Adaptation, and Application (BM Barnes and HV Carey, Eds.) Biological papers of the University of Alaska, no. 27, Fairbanks, pp 127–135.
- Millesi E, Hoffmann, IE & Huber, S (2004): Reproductive strategies of male European squirrels at high and low population density. *Lutra* 47, 75–84.
- Millesi, E, Hoffmann, IE, Steurer, S, Metwaly, M & Dittami, JP. (2002): Vernal changes in the behavioral and endocrine response to GnRH-application in male European ground squirrels. *Horm. Behav.* 41, 51–58.
- Millesi, E, Huber, S, Dittami, JP, Hoffmann IE & Daan, S (1998): Parameters of mating effort and success in male European ground squirrels, *Spermophilus citellus*. *Ethology* 104, 298–313.
- Millesi, E, Strauss, A, Burger, T, Hoffmann, IE & Walzl, M (2008): Follicular development in European ground squirrels (*Spermophilus citellus*) in different phases of the annual cycle. *Reproduction* 136, 1470–1626.
- Millesi, E, Strijkstra, AM, Hoffmann, IE, Dittami, JP & Daan, S (1999): Sex and age differences in mass, morphology, and annual cycle in European ground squirrels, *Spermophilus citellus*. *J. Mammal.* 80, 218–231.
- Ramos-Lara, N, Koprowski, JL, Kryštufek, B & Hoffmann, IE (2014): *Spermophilus citellus* (Rodentia: Sciuridae). *Mammalian Species* 46, 71–87.
- Strauss, A, Hoffmann, IE & Millesi, E (2007): Effects of nutritional factors on juvenile development in male European ground squirrels (*Spermophilus citellus*). *Mammalian Biology* 72, 354–363.
- Strauss, A, Siutz, C, Hoffmann, IE, & Millesi, E (in prep.): Does social environment affect juvenile development and puberty in male European ground squirrels?
- Strauss, A, Hoffmann, IE, Vielgrader, H, & Millesi, E (2007): Testis development and testosterone secretion in captive European ground squirrels before, during, and after hibernation. *Acta Theriologica* 53, 47–56.
- Strauss, A, Hoffmann, IE, Walzl, M & Millesi, E (2009): Vaginal oestrus during the non-reproductive period in European ground squirrels. *Animal Reproduction Science* 112, 362–370.
- Turrini, T, Brenner, M, Millesi, E & Hoffmann, IE (2008): Home ranges of European ground squirrels (*Spermophilus citellus*) in two habitats exposed to different degree of human impact. *Lynx* 39, 333–342.

Abstracts:

- Aschauer, A, Hoffmann, IE, Huber, S & Millesi, E (2004): Postconceptional follicular cycles may affect subsequent litter size in European ground squirrels. *Hormones and Behavior* 46, p 106.
- Aschauer A, Hoffmann IE & Millesi E (2005): Effects of nutritional factors on juvenile development, hibernation, and puberty in male European ground squirrels. XXIX Ethological Conference, Budapest, Hungary.
- Aschauer, A, Millesi, E & Hoffmann, IE (2004): Reproduction in the female European ground squirrel (*Spermophilus citellus*): ovarian activity in the late summer. *Advances in Ethology* 38, p 96.
- Ben Slimen, H, Gedeon, C, Hoffmann, IE & Suchentrunk, F (2008): Population genetics of the European ground squirrel (*Spermophilus citellus*) from central and southeastern Europe. *Mammalian Biology - Zeitschrift für Säugetierkunde* 73, Suppl. 1, 82. Annual Meeting of the German Society of Mammalogy, Vienna, 7.
- Brenner, M, Turrini, T & Hoffmann, IE (2008): Does home-range overlap in European ground squirrels increase with anthropogenic alteration? 2nd European Ground Squirrel Meeting, Sv. Jan pod Skalou, Czech Republic.
- Brenner, M, Turrini, T, Millesi, E & Hoffmann I, (2009) Population density and stress load in European ground squirrels (*Spermophilus citellus*). 2nd European Congress of Conservation Biology, Prague; 3rd European Ground Squirrel Meeting, Ordu, Turkey.

- Brenner, M, Turrini, T, Millesi, E & Hoffmann IE (2012): Anthropogenic Effects on European ground squirrels' physiology. Conference on Noninvasive Monitoring of Hormones, 3rd annual ISWE meeting, 23-26 September 2012, University of Veterinary Medicine Vienna, Vienna, Austria.
- Brenner, M, Millesi, E, Hoffmann, IE (2012): Monitoring progesterone levels: indications for a second oestrus cycle in free-ranging European ground squirrels. IV European Ground Squirrel Meeting, 5-7 September 2012, Kamień Śląski, Poland.
- Gedeon, C, Hoffmann, IE, Váczi, O, Knauer, F & Suchentrunk, F (2011): Does ecological isolation and population size influence genetic diversity in the European ground squirrel, *Spermophilus citellus*? ECM 2011 - VIth European Congress of Mammalogy.
- Gedeon, C, Hoffmann, IE, Váczi, O & Suchentrunk, F (2009): The effect of population density and isolation on the mating system of *Spermophilus citellus*. 31st International Ethological Conference, Rennes, France.
- Gedeon, CI, Millesi, E & Hoffmann, IE (2006): Variation in genetic diversity in the European ground squirrel (*Spermophilus citellus*). 1st European Congress of Conservation Biology, Eger, Hungary.
- Gedeon, CI, Hoffmann, IE, Váczi, O, Knauer, F & Suchentrunk, F (2014): Population size, ecological isolation, and genetic diversity in European ground squirrels. In: Perspectives on an endangered species. Abstracts of the 5th European Ground Squirrel Meeting, 2-5 October 2014, Rust, Austria (E Millesi & IE Hoffmann, Eds.), University of Vienna, p 16.
- Haberl, W, Petkovski, S & Hoffmann, IE (2012): Distribution and assessment of endangered European ground squirrel (*Spermophilus citellus gradojevici*) populations in south-eastern Macedonia (FYROM). 3rd European Congress of Conservation Biology, Glasgow, Scotland.
- Haberl, W, Petkovski, S & Hoffmann, IE (2012): Distribution and assessment of endangered European ground squirrel (*Spermophilus citellus gradojevici*) populations in south-eastern Macedonia (FYROM). IV European Ground Squirrel Meeting, 5-7 September 2012, Kamień Śląski, Poland.
- Hoffmann, IE (2005, talk): Using track tubes to distinguish between ground-squirrel and hamster burrows. 13th Meeting of the International Hamster Workgroup, Illmitz, Austria.
- Hoffmann, IE (2006, abstract, talk): European ground squirrels in Austria: demographic variations along an anthropogenic gradient. 1st European Ground Squirrel Meeting, Felsotarkany, Hungary.
- Hoffmann, IE (2007, abstract, talk): European ground squirrels in Austria: demographic variations along an anthropogenic gradient. 81st Annual Meeting of Deutsche Gesellschaft für Säugetierkunde, Lodz, Poland.
- Hoffmann, IE (2010): Das Europäische Ziesel in der Kulturlandschaft. Vortrag Universität für Bodenkultur, Wien, Österreich.
- Hoffmann, IE & Haberl, W (2014, abstract, talk): The case of the 'Brünnerstrassler Ziesel': Incidence of a lightish phenotype in an Austrian population of *Spermophilus citellus*. In: Perspectives on an endangered species. Abstracts of the 5th European Ground Squirrel Meeting, 2-5 October 2014, Rust, Austria (E Millesi & IE Hoffmann, Eds.), University of Vienna, p 39.
- Hoffmann, IE, Millesi, E & Dittami, JP (1997): Survival and longevity in European ground squirrels, *Spermophilus citellus*. *Advances in Ethology* 32, p 258.
- Hoffmann, IE & Millesi, E (1998): Multiple causes of a population decline in European ground squirrels (*Spermophilus citellus*), *Advances in Ethology* 33, p 89.
- Hoffmann, IE & Millesi, E (2000, abstract, talk): Population dynamics of European ground squirrels (*Spermophilus citellus*) in a suburban environment. International Symposium on the Urban Ecology of Birds and Mammals in Europe, GWN, University of Göttingen, Ger.
- Hoffmann, IE, Gruber, M & Millesi, E (2004, abstract, talk): Application of a radio-tracking technique to determine maternal effort during lactation in European ground squirrels (*Spermophilus citellus*). *Advances in Ethology* 38, p 107.
- Hoffmann, IE, Aschauer, A & Millesi, E (2005, abstract, talk): Establishing an outdoor enclosure for European ground squirrels. II International Conference ANIMALS AND ZOOS, Poznań, Poland.
- Hoffmann, IE, Brenner, M & Turrini, T (2008, abstract, talk): Life-history traits of European ground squirrels vary with habitat characteristics. *Mammalian Biology - Zeitschrift für Säugetierkunde* 73, Suppl. 1, 82. Annual Meeting of the German Society of Mammalogy, Vienna, 17.
- Hoffmann, IE, Brenner, M & Turrini, T (2008, abstract, talk): Do European ground squirrels in Austria adjust their life history to anthropogenic influence? 2nd European Ground Squirrel Meeting, Sv. Jan pod Skalou, Czech Republic.
- Hoffmann, IE, Turrini, T, Brenner, M & Millesi, E (2009, abstract, talk): Demography, life history and stress load of European ground squirrels (*Spermophilus citellus*) varies with habitat alteration. 2nd European Congress of Conservation Biology, Prague.

- Hoffmann, IE, Brenner, M & Millesi, E (2010, abstract, talk): Stress load increases with population density in male European ground squirrels, but not explicitly in females. 3rd European Ground Squirrel Meeting, Ordu, Turkey.
- Hoffmann, IE, Siutz, C, Haberl, W & Millesi, E (2012, abstract, poster) Translocation by soft release and subsequent monitoring of Common hamsters (*Cricetus cricetus*) in Vienna, Austria. 3rd European Congress of Conservation Biology, Glasgow, Scotland.
- Hoffmann, IE, Millesi, E, Brenner, M (2012, abstract, talk) European ground squirrels on land zoned for urbanisation: mediating conflicting demands of conservation, public interest and construction industry. IV European Ground Squirrel Meeting, 5-7 September 2012, Kamień Śląski, Poland.
- Matt J, Hufnagl S, Krist M, Rotter B, Simeone X & Hoffmann IE (2006): Behavioural Analyses of European Ground squirrels in a Recreation Area near Vienna, Austria. 1st European Ground Squirrel Meeting, Felsotarkany, Hungary.
- Millesi, E, Aschauer, A & Hoffmann, IE (2006): Factors affecting puberty in male European ground squirrels. Congress of the International Society of Behavioral Ecology.
- Millesi, E, Aschauer, A, Franceschini, C & Hoffmann, IE (2005): Seasonal adaptations in obligate and facultative hibernators. XXIX Ethological Conference, Budapest, Hungary.
- Millesi, E, Brenner, M, & Hoffmann, IE (2011): Ovarian activity in free-ranging European ground squirrels during the breeding and non-breeding period. 8th IZW - International Conference on Behaviour, Physiology and Genetics of Wildlife.
- Millesi, E, Brenner, M, & Hoffmann, IE (2012): Ovarian activity in free-ranging European ground squirrels during the breeding and non-breeding period. Conference on Noninvasive Monitoring of Hormones, 3rd annual ISWE meeting, 23-26 September 2012, University of Veterinary Medicine Vienna, Vienna, Austria.
- Millesi, E & Hoffmann, IE (2010): Ovarian activity and stress load in European ground squirrels during the breeding and postbreeding period. 3rd European Ground Squirrel Meeting, Ordu, Turkey.
- Millesi, E, Hoffmann IE & Dittami, JP (2001): Environmental and physiological regulations of sexual and aggressive behavior in male European ground squirrels. *Advances in Ethology* 36, p 218.
- Millesi, E, Hoffmann, IE, Huber, S & Dittami, JP (1999): Population density affects age of puberty, immunological development and survival in male ground squirrels. Society of Behavioral Neuroendocrinology, 3. Annual Meeting, Charlottesville, USA.
- Millesi, E, Hoffmann IE, Huber S & Dittami, JP (1999): Population density, reproductive effort, investment and success in ground squirrels. *Advances in Ethology* 34, p187.
- Millesi, E, Hoffmann, IE & Strauss, A (2010): Social environment affects juvenile development in male European ground squirrels. 5th European Conference on Behavioural Biology, Ferrara, Italy.
- Millesi, E, Siutz, C & Hoffmann, IE (2009): Endangered small mammals in urban and suburban habitats. 47. wissenschaftliche Tagung der Gesellschaft für Versuchstierkunde GV-SOLAS und 11. Fortbildungsveranstaltung der IGTp, Vienna, Austria.
- Millesi, E, Strauss, A & Hoffmann, IE (2006): Reproductive and non-reproductive oestrus cycles in European ground squirrels. 1st European Ground Squirrel Meeting, Felsotarkany, Hungary.
- Pieta, K & Hoffmann, IE (2006): The influence of testosterone on natal dispersal in free-living male European ground squirrels (*Spermophilus citellus*). 1st European Ground Squirrel Meeting, Felsotarkany, Hungary.
- Strauss, A, Hoffmann, IE, Mascher, E & Millesi, E (2006): Factors affecting juvenile development and puberty in male European ground squirrels. 1st European Ground Squirrel Meeting, Felsotarkany, Hungary.
- Suchentrunk, F, Gedeon, C, Ben Slimen, H & Hoffmann, IE (2011): Dwindling genetic diversity in European Ground Squirrels (*Spermophilus citellus*)? Abstracts of the 2. International Congress on Problematic Wildlife.
- Suchentrunk, F, Gedeon, C, Ben Slimen, H & Hoffmann, IE (2011): Population characteristics and genetic diversity in European ground squirrels (*Spermophilus citellus*). *Molecular Phylogeny and Microevolution in Rodents*, NHM, Vienna, Austria.
- Suchentrunk, F, Gedeon, C, Ben Slimen, H & Hoffmann, IE (2011): Dwindling genetic diversity in European ground squirrels (*Spermophilus citellus*): a comparison with other sciurid species in the context of a conservation background. *Molecular Phylogeny and Microevolution in Rodents*, NHM, Vienna, Austria.
- Turrini, T, Brenner, M, Hoffmann, IE & Millesi, E (2008): Home ranges of European ground squirrels differ according to sex, age and habitat alteration. 2nd European Ground Squirrel Meeting, Sv. Jan pod Skalou, Czech Republic.
- Turrini, T, Brenner, M, Hoffmann, IE, Millesi & E (2009): Anthropogenic habitat alteration influences home-range size of European ground squirrels (*Spermophilus citellus*). 2nd European Congress of Conservation Biology, Prague.