

Scientific program

3rd Berlin Bat Meeting: Bats in the Anthropocene

*: Student presentations, eligible for the Best Student Talk Award

Friday 1.3.2013

09:30 Opening of reception

Parallel activities:

9:00-12:00 Prä-Symposium Workshop über Krankheiten und Pflege Europäischer Fledermäusen (*note that location is IZW, and not the conference venue at BfR!*)

9:00-11:00 Behind-The-Scenes Tours at the Museum für Naturkunde (*location: Museum für Naturkunde Berlin; 2 groups, 1h each*)

12:00-13:30 *Lunch break*

13:30-14:30 **Plenary talk: Bats in the Anthropocene (KATE JONES)**

Session I: Bats and urbanization (Gerald Kerth, Frieder Mayer)

14:30-14:45 Urbanization, two bat species and their winter range (Lena Godlevska)

14:45-15:00 Factors shaping bat occurrence in urban green areas (Gonçalo Duarte)*

15:00-15:15 The abandonment of rural areas contributes to population growth of the lesser horseshoe bat (*Rhinolophus hipposideros*, Bechstein, 1800) in Galicia (NW Spain) (Ramón Seage)*

15:15-15:30 Acoustic mirrors as ecological traps for bats? (Stefan Greif)*

15:30-16:00 *Coffee break*

16:00-16:15 Living on the edge: studying bat colonization of bridges in northern Portugal (Pedro Alves)*

16:15-16:30 Does traffic noise matter for roosting bats? (Jinhong Luo)*

16:30-16:45 Monitoring the effects of changed illumination on the roosts of lesser horseshoe bats *Rhinolophus hipposideros* (Bechstein, 1800) in churches in Slovenia (Maja Zagmajster)

16:45-17:00 Bat activity and light pollution (Gareth Jones)

17:00-19:00 **Main Poster session**

19:00-23:00 *Warm up party at the BfR*

Saturday 2.3.2013

Session II: Bats in disturbed habitats (Ariovaldo Cruz-Neto, Matt Struebig)

8:30-8:45 Habitat preferences of bats in anthropogenically altered, mosaic landscapes of northern Poland (Mateusz Ciechanowski)

8:45-9:00 How disturbance-gradients affect aerial insectivorous bats: two stories about the New and Old World tropics (Maria Helbig-Bonitz)*

9:00-9:15 Impacts of rainforest modification on palaeotropical insectivorous bats (Matt Struebig)

9:15-9:30 On the magnitude and responses to the effects of fragmentation in bats: A phenotypic integration analysis (Ariovaldo P. Cruz-Neto)

9:30-9:45 Temporal variation in responses of Neotropical bats to forest fragmentation (Christoph Meyer)

9:45-10:00 Anthropogenic habitat fragmentation: Genetic consequences in two frugivorous bat species (Simon Ripperger)*

10:00-10:15 The effect of a major road on bat activity and diversity, and the effectiveness of current mitigation practice (Anna Berthinussen)*

10:15-10:30 Butyltin compounds in the food web: impacts on chironomids and Daubenton's bats (Thomas Lilley)*

10:30-11:00 *Coffee break*

11:00-12:00 **Plenary talk: Viruses of bats and other small mammals: investigations into virus evolution and epidemic risks (CHRISTIAN DROSTEN)**

Session III: Viral emerging diseases in bats (Christian Drostén)

12:00-12:15 Nipah virus: A case study for using a one health approach to understand emerging zoonoses (Kevin J. Olival)

12:15-12:30 Determinants of the viral richness in 15 African bats: importance of the fragmentation of

	the distribution areas (Mathieu Bourgarel)
12:30-12:45	Orthoreoviruses isolated from European bats (Claudia Kohl)*
12:45-13:00	Coronaviruses related to human betacoronavirus 2c EMC/2012 in African and European bats (Heather J. Baldwin)*
13:00-14:30	<i>Lunch break</i>
	Session IV: Bats and rabies (Charles Rupprecht, Thomas Müller)
14:30-14:45	Inferences from lyssaviruses on prevention and control of emerging bat infectious diseases (Charles Rupprecht)
14:45-15:00	Novel bat lyssaviruses in Europe and Africa – emergence or emerging efforts to discover? (Conrad Freuling)
15:00-15:15	Is there a need for pan-lyssavirus vaccines? (Ashley C. Banyard)
	Session V: White-Nose-Syndrome (Sebastien Puechmaille, Craig Willis, Gudrun Wibbelt)
15:15-15:30	White Nose Syndrome: Evolution, our understanding and definition (Elizabeth Buckles)
15:30-15:45	WNS is a complex phenomenon: theoretical and practical issues (Ivan Horáček)
15:45-16:00	Update on the phylogeny and epidemiology of <i>Geomyces destructans</i> from North America and Europe (Kevin Drees)
16:00-16:15	Does hibernation impair immunocompetence of greater mouse-eared bats (<i>Myotis myotis</i>)? Constitutive immune response before and after arousal from hibernation (Gábor Á. Cziráj)
16:15-16:30	Understanding species differences in immunological responses to the newly invading pathogen, <i>Geomyces destructans</i> (Marianne Moore)
16:30-16:45	White-nose syndrome and microclimate: relative humidity affects hibernation physiology and behaviour of little brown bats inoculated with <i>Geomyces destructans</i> (Lisa Warnecke)
16:45-17:00	Modelling <i>Geomyces destructans</i> distribution in North America and Eurasia using ecological niche modelling: what can we learn? (Hugo E.V. Rebelo)
17:00-17:15	Seasonal transmission dynamics and impacts of white-nose syndrome (Kate E. Langwig)*
17:15-18:45	<i>Coffee break and Poster Session</i>
19:00	<i>Departure to Conference Banquet</i>
19:30-23:30	Conference Banquet at the Natural History Museum Berlin

Sunday 3.3.2013	
8:30-9:30	Plenary talk: Causes and consequences of bat fatalities at wind facilities: answers and remaining questions (ROBERT BARCLAY)
	Session VI: Bats and wind farms (Jens Rydell, Robert Barclay)
9:30-9:45	Mitigating the potential negative effects of tall wind turbines on bats: vertical activity profiles and relationships to wind speed (Raphaël Arlettaz)
9:45-10:00	Foraging as a possible cause of bat mortality at the Montezuma Hills Wind Resource Area, California (David Johnston)
10:00-10:15	Using species distribution modelling to predict bat fatality risk at wind farms (Helena Santos)*
10:15-10:30	Bat-friendly operation algorithms: reducing bat fatalities at wind turbines in central Europe (Oliver Behr)
10:30-10:45	Mitigating bat fatalities from wind-power plants through targeted curtailment: results from 4 years of testing of CHIROTECH© (Hubert Lagrange)
10:45-11:00	Integrating applied ecology and planning policy: the case of micro-turbines and wildlife conservation (Kristy J. Park)
11:00-11:30	<i>Coffee break</i>
11:30-12:30	Plenary talk: Ecosystem services of paleotropical bats (Sara Bumrungsri)
	Session VII: Ecosystem services of bats (S. Bumrungsri, Gary McCracken)
12:30-12:45	Bats in South East Asian agroforestry contribute more to cacao pest control than birds (Bea Maas)*
12:45-13:00	Artificial light at night reduces seed dispersal by Neotropical bats (Daniel Lewanzik)*
13:00-13:15	Ecosystem services and migratory bats (Jennifer J. Krauel)*
13:15-14:30	<i>Lunch break / Poster removal</i>

14:30-15:30 **Plenary talk: From research to outreach: integrative approaches and a call to arm (TIGGA KINGSTON)**

Session VIII: Public outreach and the conservation of bats (Tigga Kingston)

15:30-15:45 Why should I engage in public awareness of science activities? Benefits and challenges (Robert M. R. Barclay)

15:45-16:00 A citizen science project for swarming roosts of bats in cities (Claudia Elisa Kubista)*

16:00-16:15 Colombian Bat Conservation Program (PCMCo): strategies and efforts adopted by Foundation Chimbilako (Adriana M. Dorado Correa)*

16:15-16:45 Podium discussion: **The future of bats in the Anthropocene (PAUL RACEY)**

16:45-17:00 Award ceremony, closing of conference

19:00 Farewell Party at the "Grüner Salon" of the "Volksbühne"

List of Poster Presentations

Presenting authors are marked in *italic*.

SESSION 1: BATS AND URBANISATION

Poster No. 1: *Myotis myotis* – urban-dwelling bat

BERKOVÁ, HANNA; POKORNÝ, MARTIN; ZUKAL, JAN

Poster No. 2: Health of a bat population in relation to the risk of zoonotic disease transmission: Longitudinal study of a flying-fox colony at Eastern Park, Geelong, Victoria, Australia.

BURROUGHS, AMY; CRAMERI, GARY; MEERS, JOANNE; WANG, LIN-FA

Poster No. 3: Overheating of artificial roosts: a new, climate change-induced bat conservation challenge in Central Europe

BOLDOGH, SÁNDOR A.

Poster No. 4: Effect of different light conditions on *M. myotis* foraging behavior

CLARIN, THERESA; SCHULLER, B.-MARKUS; ZSEBÖK, SANDOR; SIEMERS, BJÖRN M.

Poster No. 5: Heavy metal contaminations in European bats

FLACHE, LUCIE; ÖZTAN, SEZIN; DÜRING, ROLF-ALEXANDER; ENCARNAÇÃO, JORGE A.

Poster No. 6: Habitat selection in bats (Chiroptera) from an urban area of Oslo

GJERDE, LEIF YINGVE

Poster No. 7: Lesser horseshoe bats *Rhinolophus hipposideros* (Bechstein 1800) prefer non-illuminated buildings with suitable flight openings, which are not surrounded by urbanised or arable land – results of the study from central Slovenia

HERCOG, KLARA; ZAGMAJSTER, MAJA

Poster No. 8: Effects of urbanization on bats in California: Winners and losers

JOHNSTON, DAVID

Poster No. 9: Radio telemetry of bat daytime roosts in the densely build areas of Vienna (Austria, Europe)

KUBISTA, CLAUDIA E.; BRUCKNER, ALEXANDER

Poster No. 10: Advantages of automatic monitoring systems at bat roosts and implications for roost protection

KUGELSCHAFTER, KARL; HORVATH, THOMAS; SPRUCK, BJÖRN; VOLK, THOMAS

Poster No. 11: Foraging habitats and roosts of the Whiskered bat (*Myotis mystacinus*) in anthropogenic environments of the Western Carpathians, Poland

KUREK, KORNELIUSZ; MYŚLAJEK, ROBERT W.

Poster No. 12: Detector-based observations of bats in European towns

MASING, MATTI

Poster No. 13: Questions about impact of synanthropisation processes on biology of *Rhinolophus euryale*

MILKOVÁ, EDITA; UHRIN, M.; SÁNDOR, B.; SZILÁRD, B.

Poster No. 14: Annual utilization of man-made structures by the Lesser horseshoe bat (*Rhinolophus hipposideros*) in the Western Carpathians, Poland

MYŚLAJEK, ROBERT W.; KUREK, KORNELIUSZ

Poster No. 15: Bedbugs at home: the disadvantage of living in comfortable warm churches instead of cold and moist caves

PRIORI, PAMELA; SCARAVELLI, DINO

Poster No. 16: The role of meso- and microrelief in bat fauna forming in the Urals and Western Siberia

ORLOV, OLEG L; ORLOVA, MARIA V.

Poster No. 17: Trick or treat: opportunity and dangers in an urban population of *Nyctalus noctula*

SCARAVELLI, DINO; PRIORI, PAMELA

Poster No. 18: The influence of LED illumination on the behaviour of hibernating bats

SCHULLER, B.-MARKUS; SIEMERS, BJÖRN M.

Poster No. 19: Bats of Minsk (Belarus): species composition, habitat ecology and features of hibernation

SHPAK, ALIAKSEI

Poster No. 20: Modelling flight-paths to identify conflict areas between bats and human infrastructure

STECK, CLAUDE; BRINKMANN, ROBERT; KORNER-NIEVERGELT, FRÄNZI

Poster No. 21: The effect of LED light of different wavelengths - a choice experiment on foraging *Myotis daubentonii*

TROXELL, SARA; SIEMERS, BJÖRN

Poster No. 22: New winter aggregations of *N. noctula* in cities of NE Ukraine: evolution step in anthropocene or ecological trap?

VLASCHENKO, ANTON S.; KRAVCHENKO, KSENIIA, A.; GUKASOVA, ALONA S.

Poster No. 23: The trans-boundary importance of man-made hibernacula for some European migratory bat species

VOIGT, CHRISTIAN C.; TEIGE, TOBIAS; KRAMER-SCHADT, STEPHANIE

Poster No. 24: Habitat use of *Myotis emarginatus* in a small-scale cultural landscape

WAWROCKA, KAMILA; WILLEMS, WOUT

Poster No. 25: Bats and the City: A survey of the bats of Vienna

WEGLEITNER, STEFAN; HÜTTMEIR, ULRICH; BÜRGER, KATHARINA; REITER, GUIDO

Poster No. 26: Thermal insulation and the protection of building-dependent bat species

ANDREAS ZAHN; SYLVIA WEBER

SESSION 2: BATS IN DISTURBED HABITATS

Poster No. 27: Physiological strategies of three species of bats living in a fragmented forest (*Artibeus lituratus*, *Carollia perspicilata* and *Sturnira lilium*)

AMBAR, GUILHERME; ANTUNES, ANA C.; CRUZ-NETO, ARIIVALDO P.

Poster No. 28: Designing monitoring networks for bats in northern Portugal able to detect range shifts derived from climate change

AMORIM, FRANCISCO; CARVALHO, SÍLVIA; HONRADO, JOÃO; REBELO, HUGO

Poster No. 29: Conservation of threatened bat species in Turkey

AŞAN BAYDEMİR, NURSEL, ALBAYRAK, IRFAN, YORULMAZ, TARKAN

Poster No. 30: Bridges as important artificial bat roosts in Ukraine (summer and migration aspects)

BASHTA, ANDRIY-TARA

Poster No. 31: Habitat use of a threatened habitat specialist, the pond bat *Myotis dasycneme*, in northern Poland, during pregnancy and lactation

CIECHANOWSKI, MATEUSZ; ZAPART, ANETA; KOKUREWICZ, TOMASZ; RUSIŃSKI, MARCIN

Poster No. 32: The importance of natural habitat to bats in highly disturbed agricultural landscapes

DAVIDAI, NOA; WESTBROOK, JOHN; HALLAM, TOM; MCCrackEN, GARY

Poster No. 33: Population genetics of *Rhinolophus hipposideros*: impacts of human-mediated habitat fragmentation

DOOL, SERENA E.; PUECHMAILLE, SEBASTIEN; ROSSITER, STEPHEN J.; TEELING, EMMA C.

Poster No. 34: Seasonal variations in habitat use and roosting behaviour in a tree-dwelling temperate bat reveals mating at summer sites

ENCARNAÇÃO, JORGE A.

Poster No. 35: Differences in the bat activity of clearcuts and forested sites in the woodlands of North-East Hungary

ESTÓK, PÉTER; SZÖKE, KRISTINA

Poster No. 36: Bats and oil palm plantations – first insights from Central America

FREUDMANN, ANITA; MOLLIK, PHILIPP; HELBIG-BONITZ, MARIA; TSCHAPKA, MARCO, SCHULZE, CHRISTIAN

Poster No. 37: Body condition and fluctuating asymmetry as measures of fragmentation effects in three species of Phyllostomid bats

GALBIATI, LIGIA A; AMBAR, GUILHERME; CRUZ-NETO, ARIIVALDO P.

Poster No. 38: The role of mineral licks in linking defaunation of tropical forests to a reduced habitat quality for seed-dispersing bats in Western Amazonia

GHANEM, SIMON J.; VOIGT, CHRISTIAN C.

Poster No. 39: Genetic population structure of Natterer's bats (*Myotis nattereri*) in Germany

GIERKE, ROBERT; KERTH, GERALD

Poster No. 40: Fragile colony of *Myotis mystacinus*, with northernmost occurrence, threatened by poor management in road project in Leksvik municipality (Norway)

GJERDE, LEIF YNGVE

Poster No. 41: Survey of the bat fauna of a mixed forest/agricultural landscape in Småland, southern Sweden

HAILER, FRANK; ADORF, FRANK, HOOD HAILER, SHARYN L; ADORF, FRAUKE²

Poster No. 42: Bat activity in small riparian water bodies and dams' reservoirs

HINTZE, FREDERICO; DURO, VIRGÍNIA; GARRIDO, NUNO; PINTO, NUNO; MARQUES, CARINA; DA SILVA, JOANA V.; FERRIERA, JOANA; DIOGO, HUGO; CARVALHO, JOSÉ C.; VINGADA, JOSÉ; RODRIGUES, PEDRO

Poster No. 43: Functional impacts of global warming on prey detection ability of echolocating bats

LUO, JINHONG; KOSELJ, KLEMEN; ZSEBÖK, SANDOR; SIEMER, BJÖRN M.; GOERLITZ, HOLGER R..

Poster No. 44: Do single trees and alleys improve the functional structure of agricultural landscapes for bats?

KALDA, OLIVER; KALDA, RAUNO; LIIRA, JAAN

Poster No. 45: Landscape vs stand structure – which are the main factors affecting bats in agricultural-forest mosaic landscapes?

KALDA, RAUNO; LIIRA, JAAN; LÖHMUS, ERTU; KALDA, OLIVER

Poster No. 46: A New data about breeding *Plecotus strelkovi* Spitzenberger, 2006 in Tajikistan

KHABILOV, TOLIBJON; TADZHIBAeva, DILBAR

Poster No. 47: The vulnerability, ecology and conservation of Finnish forest bats

LAINÉ, VERONIKA N.; LILLEY, THOMAS M.; VASKO, VILLE; SELONEN, VESA; KOSONEN, EMMA; NORDSTRÖM, MIKAEL; VESTERINEN, EERO; NORRDAHL, KAI; NIEMELÄ, PEKKA

Poster No. 48: Permeable barriers – The effectiveness of different crossing elements for bats along a heavy-traffic motorway.

MELBER, MARKUS; FURTHMANN, EVA; KERTH, GERALD

Poster No. 49: Impacts of forest fires on bats: a case study in a Mediterranean island

PAPADATOU, ELENA; DIMTSA, ATHINA; POIRAZIDIS, KONSTANTINOS

Poster No. 50: Impact of forest fragmentation on bat communities

ŘEHÁK, ZDENEK; BARTONIČKA, THOMAS

Poster No. 51: Bat species richness and diversity patterns in anthropogenically shaped landscapes of Germany

REICHEL-JUNG, KIRSTEN; BÖHM, STEFAN; KALKO, ELISABETH K.V., TSCHAPKA, MARCO

Poster No. 52: Genetic population structure of the threatened New Zealand long-tailed bat *Chalinolobus tuberculatus* in Eglinton Valley, New Zealand

RICHTER, SARAH; O'DONNELL, COLIN; HOARE, JO; KERTH, GERALD

Poster No. 53: Roosting and foraging ecology of the soprano pipistrelle bat *Pipistrellus pygmaeus* in agricultural landscapes

RYAN, MADELEINE

Poster No. 54: The influence of different agricultural and silvicultural land use systems on bats in Brandenburg (Germany)

STARIK, NICOLE; ZELLER, ULRICH

Poster No. 55: First finding a breeding colony of *Barbastella leucomelas* Cretzschmar, 1826 in old dry mines in Tajikistan, Central Asia

TADZHIBAeva, DILBAR

Poster No.56: Bat-road kills in southern Campeche State, México

VARGAS-CONTRERAS, JORGE A.; LÓPEZ, LEONARDO J.; ARROYO-CABRALES, JOAQUÍN ; MEDELLÍN, RODRIGO A.; ESCALONA GRISELDA

SESSION 3: VIRAL EMERGING DISEASES IN BATS

Poster No. 57: Generation of epithelial cell lines from reservoir host species *Rhinolophus ferrumequinum*, *Rhinolophus euryale* and *Pipistrellus pipistrellus* as a model system for the study of zoonotic coronaviruses (CoV)

ECKERLE, ISABELLA; EHLEN, LUKAS; PETROV, BOYAN; MUTH, DOREEN; MÜLLER, MARCEL A.; DROSTEN, CHRISTIAN

Poster No. 58: The prevalence of bat adenoviruses in the case of different sampling methods

GÖRFÖL; TAMÁS; VIDOVSZKY, Z. MÁRTON; BOLDOGH, SÁNDOR A.; HARRACH, BALÁZS

Poster No. 59: Reactivity of human and murine monoclonal antibodies to lymphocyte surface markers from different bat species

HECHT, ALEXANDER M.; CHANG, HYUN-DONG; RADBRUCH, ANDREAS; GREENWOOD, ALEX D.; CZIRJÁK, GÁBOR Á.

Poster No. 60: Orthoreoviruses isolated from European bats

KOHL, CLAUDIA; LESNIK, RENÉ; BRINKMANN, ANNIKA; EBINGER, AMT; MÜHLDORFER, KRISTIN; RADONIĆ, ALEKSANDAR; NITSCHKE, ANDREAS; WIBBELT, GURDUN; KURTH, ANDREAS

Poster No. 61: Heterogenous distribution of viral prevalences in European bat colonies

KWASNITSCHKA, LINDA; BALKEMA-BUSCHMANN, ANNE; KERTH, GERALD; OHLENDORF, BERND; GROSCHUP, MARTIN H.

Poster No. 62: Diversity of Paramyxoviruses in Neotropical Bats

RASCHE, ANDREA; CORMAN, VICTOR M.; OBALDÍA, LEONARDO C.; SPÍNOLA, MANUEL; HERRLER, GEORG; DROSTEN, CHRISTIAN; DREXLER, JAN F.

Poster No. 63: Seasonal, social, and species-specific differences in immune competence in fruit bats: field and captive observations

REEDER, DEEANN; VODZAK, MEGAN, FIELD, KENNETH

Poster No. 64: The malaria parasites of bats from South Sudan

SCHAER, JULIANE; REEDER, DEEANN M.; VODZAK, MEGAN E.; PERKINS, SUSAN L.

SESSION 4: BATS AND RABIES

Poster No. 65: A novel Rhabdovirus from the straw-coloured fruit bat (*Eidolon helvum*) in Ghana

BINGER, TABEA; DREXLER, JAN F.; MÜLLER, MARCEL A.; KALLIES, RENÉ; ADANKWAH, ERNEST; OPPONG, SAMUEL; DROSTEN, CHRISTIAN

Poster No. 66: Lyssavirus distribution in naturally infected bats

SCHATZ, JULIANE; AUE, ANGELIKA; STIEFEL, DAGMAR; SPRETKE, TIMM; MÜLLER, THOMAS; FREULING, CONRAD

SESSION 5: WHITE-NOSE SYNDROME

Poster No. 67: Investigation of *Geomyces destructans* colonizing bats in Germany

FRITZE, MARCUS; HUONG PHAM, THI LAM; WIBBELT, GUDRUN; OHLENDORF, BERND

Poster No. 68: *Geomyces destructans*: first records in Austria

GEBHARDT, OLIVER; BÜRGER, KATHARINA; WOHLFAHRT, STEPHANIE; WIBBELT, GUDRUN; REITER, GUIDO

Poster No. 69: Statistical indices and software for analyzing beam-break data

GILLIES, KATIE E.; INGERSOLL, THOMAS

Poster No. 70: An entrained circadian cycle of peak activity in a population of hibernating bats

HOPE, PAUL; JONES, GARETH

Poster No. 71: White Nose Syndrome: An overview of recent developments in research and management.

PUECHMAILLE, SEBASTIEN J.; COLEMAN, JEREMY T.H.; LEIGHTON, FREDERICK A.; WILLIS, CRAIG K.R.

Poster No. 72: Using our knowledge of how *Geomyces destructans* kills bats to understand species differences in the susceptibility to White-nose Syndrome

REEDER, DEEANN; MOORE, MARIANNE; BROWNLEE-BOUBOULIS, SARAH; GRIENEISEN, LAURA; MUSANTE, CHELSEY; MEIERHOFER, MELISSA; FIELD, KENNETH

Poster No. 73: Bat flight with bad wings: Is flight metabolism affected by damaged wings?

VOIGT, CHRISTIAN C.

Poster No. 74: New bat-victim of White Nose Syndrome? – *Barbastella barbastellus* infected with *Geomyces destructans* in Southern Poland

WILK, MATEUSZ; KUREK, KORNELIUSZ; MYSŁAJEK, ROBERT W.; PAWŁOWSKA, JULIA; WRZOSEK, MARTA; SUSKA-MALAWSKA, MAŁGORZATA

Poster No. 75: *Geomyces destructans* in the UK: evidence of absence or absence of evidence?

WORLEDGE, LISA; MILLER, HELEN; BARLOW, ALEX

SESSION 6: BATS AND WINDFARMS

Poster No. 76: Which factors increase the risk for fatal collisions by bats at wind turbines?

ADORF, FRANK; ADORF, FRAUKE; KORN, VANESSA; BRAUN, CARSTEN

Poster No. 77: Methods and approaches to study bat fatalities at wind energy farms

ADORF, FRANK; ADORF, FRAUKE; KORN, VANESSA; BRAUN, CARSTEN; HOOD HAILER, SHARYN L.

Poster No. 78: Bats in the anthropocene and predictions of their population dynamics: a call to quantify

AEGERTER, JAMES N.; SMITH, GRAHAM C.

Poster No. 79: Bat species identification from zero crossing and full spectrum recordings with new techniques using HMMs and Fisher Scores

AGRANAT, IAN

Poster No. 80: Bat activity at different wind facilities in Northwest Germany

BACH, LOTHAR; BACH, PETRA; FREY, KERSTIN

Poster No. 81: Temporal patterns of autumnal bat migration at different latitude levels in northern Europe

BACH, LOTHAR; BACH, PETRA; EHNBOM, SOPHIE; FREY, KERSTIN; KARLSSON, MÅNS; NIERMANN, IVO

Poster No. 82: Bat fatalities at different wind facilities in Northwest Germany

BACH, PETRA; BACH, LOTHAR; GERHARDT, UWE; FREY, KERSTIN

Poster No. 83: Whole-year monitoring of 20 bat species on 10 meteorological masts in France, using high-performance automated identification

BAS, YVES; HAQUART, ALEXANDRE; TRANCHARD, JULIEN; LAGRANGE, HUBERT

Poster No. 84: Understanding Bat and Wind Turbine Interactions: Patterns, Challenges and Opportunities

HEIN, CRIS D.; SCHIRMACHER, MICHAEL R.; GILLIES, KATIE E.; HUSO, MANUELA M.P.; ARNETT, EDWARD B.

Poster No. 85: Using automatic measurements of bat activity to develop turbine-specific curtailment algorithms – a case study in two wind parks

HURST, JOHANNA; SCHAUER-WEISSHAHN, HORST; BRINKMANN, ROBERT

Poster No. 86: The occurrence of migrating bats at an anthropogenic offshore-structure in the south-eastern North Sea

HÜPPOP, OMMO; HILL, REINHOLD

Poster No. 87: Bat migration in the South of Ukraine – an area of intensive development of wind power facilities

KRAVCHENKO, KSENIYA A.; VLASCHENKO, ANTON S.; VOIGT, CHRISTIAN C.

Poster No. 88: Phenology of migrating bats crossing Central Europe

MESCHEDE, ANGELIKA; FUCHS, DANIEL; BIEDERMANN, MARTIN; BLOHM, TORSTEN; BONTADINA, FABIO; FUB, ANGELIKA; HAMMER, MATTHIAS; HENSLE, EDMUND; HUTTERER, RAINER; KRÄTTLI, HUBERT; MAYER, FRIEDER; OHLENDORF, BERND; REITER, GUIDO; SCHORCHT, WIGBERT; STUTZ, HANS-PETER B.; TEIGE, TOBIAS; VOIGT, CHRISTIAN C.; WEGLEITNER, STEFAN; ZAHN, ANDREAS; ZÖPHEL, ULRICH

Poster No. 89: Bats and Wind Farms in Ireland

NEALON, ÚNA; MÉNAGE, MATTHIEU; MONTGOMERY, INA; TEELING, EMMA C.

Poster No. 90: Methods to study offshore bat activity

POMMERANZ, HENRIK; *Fuß, ANGELIKA*; SEEBENS, ANTJE; GÖTTSCHE, MICHAEL; GÖTTSCHE, MATTHIAS; ALLGEYER, PETER; MÄHLER, MATHIAS; MATTHES, HINRICH; PAATSCH, CHRISTOPH; BACH, LOTHAR

Poster No. 91: Bat fatality patterns at wind turbines in southern Europe

SANTOS, HELENA; REBELO, HUGO; RODRIGUES, LUÍSA; DUBOURG-SAVAGE, MARIE-JO; GEORGIKAKIS, PANAGIOTIS; PAPADATOU, ELENA; IBÁÑEZ, CARLOS; NAVARRO, SONIA S. ⁷; MARTÍNEZ, JINETH B.; BACH, LOTHAR; RYDELL, JENS

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