

Publications of articles in journals and book chapters with peer-review process and in stakeholder journals

220. Voigt, C.C., Scholl, J., Bauer, J., Teige, T., Yovel, Y., Kramer-Schadt, S., Gras, P. (2019) Movement responses of common noctule bats to the illuminated urban landscapes. **Landscape Ecology**. accepted
219. Straka, T.M., Greif, S., Schultz, S., Goerlitz, H., Voigt, C.C. (2019) The effect of cave illumination on bats. **Global Ecology and Conservation** Doi: 10.1016/j.gecco.2019.e00808.
218. Voigt, C.C., Straka, T., Fritze, M. (2019) Producing wind energy at the cost of biodiversity: A stakeholder view on a green-green dilemma. **Journal of Renewable and Sustainable Energy**. Accepted.
217. Fritze, M., Costantini, D., Fickel, J., Wehner, D., Czrijak, G.A., Voigt, C.C. (2019) Immune response of hibernating European bats to a fungal challenge. **Biology Open**. Accepted.
216. Lindecke, O., Currie, S., Fasel, N.J., Fritze, M., Kravchenko, K., Kruszcynski de Assis, C., Lehnert, L., Roeleke, M., Voigt-Heucke, S., Voigt, C.C. (2019) Common noctule (*Nyctalus noctula*) **Handbook of Mammals** (eds. Hackländer, K., Zacos, F.E.) SpringerNature.
215. Voigt, C.C., Kravchenko, K., Liechti, F., Bumrungsri, S. (2019) Skyrocketing flights as a previously unrecognized behaviour of open-space foraging bats. **Acta Chiropterologica**. Accepted
214. Voigt, C.C., Rosner, E., Guglielmo, C. G., & Currie, S. E. (2019) Fatty acid profiles of the European migratory common noctule bat (*Nyctalus noctula*). **The Science of Nature** 106: 33.
213. Heim, O., Heim, D. M., Marggraf, L., Voigt, C.C., Zhang, X., Luo, Y., & Zheng, J. (2019) Variant maps for bat echolocation call identification algorithms. **Bioacoustics** 1-15.
212. Schwemmer, P., Corman, A. M., Koch, D., Borrmann, R. M., Koschorreck, J., Voigt, C.C., Garthe, S. (2019) Charakterisierung der Habitatwahl von Silbermöwen *Larus argentatus* durch GPS-Datenlogger zur Einschätzung der Schadstoffbelastung an der deutschen Nordseeküste. **Vogelwarte** 56: 13-30.
211. Costantini, D., Czirják, G. Á., Bustamante, P., Bumrungsri, S., Voigt, C.C. (2019) Impacts of land use on an insectivorous tropical bat: The importance of mercury, physiology and trophic position. **Science of The Total Environment** 671: 1077-1085.
210. Straka, T. M., Wolf, M., Gras, P., Buchholz, S., Voigt, C.C. (2019) Tree cover mediates the effect of artificial light on urban bats. **Frontiers in Ecology and Evolution** 7: 91.
209. Lindecke, O., Elksne, A., Holland, R. A., Pētersons, G., Voigt, C.C. (2019) Experienced migratory bats integrate the sun's position at dusk for navigation at night. **Current Biology** 29: 1369-1373.

208. Kravchenko, K. A., Lehnert, L. S., Vlaschenko, A. S., Voigt, C.C. (2019) Multiple isotope tracers in fur keratin discriminate between mothers and offspring. **Rapid Communications in Mass Spectrometry** **33**: 907-913.
207. Troxell, S. A., Holderied, M. W., Pētersons, G., Voigt, C.C. (2019) Nathusius' bats optimize long-distance migration by flying at maximum range speed. **Journal of Experimental Biology** **222**: jeb176396.
206. Lindecke, O., Elksne, A., Holland, R. A., Pētersons, G., Voigt, C.C. (2019) Orientation and flight behaviour identify the Soprano pipistrelle as a migratory bat species at the Baltic Sea coast. **Journal of Zoology** **308**: 56-65.
205. Voigt, C.C., Bumrungsri, S., Roeleke, M. (2019) Rapid descent flight by a molossid bat (*Chaerephon plicatus*) returning to its cave. **Mammalian Biology** **95**: 15-17.
204. Fritze, M., Lehnert, L.S., Heim, O., Lindecke, O., Roeleke, M., Voigt, C.C. (2019) Fledermausschutz im Schatten der Windkraftanlagen – Deutschlands Experten vermissen Transparenz und bundesweite Standards in den Genehmigungsverfahren. **Naturschutz und Landschaftspflege** **51**: 20-27.

2018

203. Ruadreo, N., Voigt, C.C., Bumrungsri, S. (2018) Large dietary niche overlap of sympatric open-space foraging bats revealed by carbon and nitrogen stable isotopes. **Acta Chiropterologica** **20**: 329-341.
202. Lehnert, L. S., Kramer-Schadt, S., Teige, T., Hoffmeister, U., Popa-Lisseanu, A., Bontadina, F., Voigt, C.C. (2018) Variability and repeatability of noctule bat migration in Central Europe: evidence for partial and differential migration. **Proceedings of the Royal Society B** **285**: 20182174.
201. Förschler, M. I., Voigt, C.C., Bairlein, F. (2018) Potential origin of White-crowned Wheatear in Denmark and Germany in 2010. **Dutch Birding** **40**: 400-405.
200. Šturm, M. B., Voigt, C.C., Ganbaatar, O., Sablin, M., Spasskaya, N. N., & Kaczensky, P. (2018) Stable isotope analysis to study dietary behavior of sympatric equids in the Dzungarian Gobi. In *Новые методы и результаты исследований ландшафтов в Европе, Центральной Азии и Сибири* (pp. 167-171).
199. Roeleke, M., Teige, T., Hoffmeister, U., Klingler, F., Voigt, C.C. (2018) Aerial-hawking bats adjust their use of space to the lunar cycle. **Movement Ecology** **6**:11.
198. Roeleke, M., Johannsen, L., Voigt, C.C. (2018) How bats escape the competitive exclusion principle—Seasonal shift from intraspecific to interspecific competition drives space use in a bat ensemble. **Frontiers in Ecology and Evolution** **6**.
197. Voigt, C.C., Rehnig, K., Lindecke, O., Pētersons, G. (2018) Migratory bats are attracted by red light but not by warm-white light: Implications for the protection of nocturnal migrants. **Ecology and evolution** **8**: 9353-9361.

196. Voigt, C.C., Azam, C., Dekker, J., Ferguson, J., Fritze, M., Gazaryan, S., Limpens, H. J.G.A., Mathews, F., Rydell, J., Schofield, H., Spoelstra, K., Zagamajster, M. (2018) Guidelines for consideration of bats in lighting projects. **UNEP/EUROBATS Pub. Ser. #8**.
195. Costantini, D., Lindecke, O., Pētersons, G., Voigt, C.C. (2018) Migratory flight imposes oxidative stress in bats. **Current zoology** 65: 147-153.
194. Briedis, M., Krist, M., Král, M., Voigt, C.C., Adamík, P. (2018) Linking events throughout the annual cycle in a migratory bird—non-breeding period buffers accumulation of carry-over effects. **Behavioral ecology and sociobiology** 72: 93.
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191. Voigt, C.C., Krofel, M., Menges, V., Wachter, B., Melzheimer, J. (2018) Sex-specific dietary specialization in a terrestrial apex predator, the leopard, revealed by stable isotope analysis. **Journal of Zoology** 306: 1-7.
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188. Courtiol, A., Rousset, F., Rohwäder, M. S., Soto, D. X., Lehnert, L. S., Voigt, C.C., Kramer-Schadt, S. (2018) Isoscape computation and inference of spatial origins with mixed models using the R package IsoriX. In **Tracking Animal Migration with Stable Isotopes** (pp. 207-236). Academic Press.
187. Hobson, K. A., Wassenaar, L. I., Bowen, G. J., Courtiol, A., Trueman, C. N., Voigt, C.C., Newsome, S. D. (2018) Outlook for Using Stable Isotopes in Animal Migration Studies. In **Tracking Animal Migration with Stable Isotopes** (pp. 237-244). Academic Press.
186. Manfrin, A., Lehmann, D., van Grunsven, R. H., Larsen, S., Syväranta, J., Wharton, G., Voigt, C.C., Hölker, F. (2018) Dietary changes in predators and scavengers in a nocturnally illuminated riparian ecosystem. **Oikos** 127: 960-969.
185. Heim, O., Lenski, J., Schulze, J., Jung, K., Kramer-Schadt, S., Eccard, J. A., Voigt, C.C. (2018) The relevance of vegetation structures and small water bodies for bats foraging above farmland. **Basic and applied ecology** 27: 9-19.
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181. Voigt, C.C., Frick, W. F., Holderied, M. W., Holland, R., Kerth, G., Mello, M. A., Yovel, Y. (2017) Principles and patterns of bat movements: from aerodynamics to ecology. **The Quarterly review of biology** 92: 267-287.
180. Weise, P., Czirják, G. A., Lindecke, O., Bumrungsri, S., Voigt, C.C. (2017) Bacterial infection disrupts the circadian fluctuation of immune cells in wrinkle-lipped bats (*Chaerephon plicatus*). **PeerJ** 5: e35750.
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- bodies in the Dzungarian Gobi, SW Mongolia. **Isotopes in Environment & Health Studies** 53: 157-171.
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 167. Maggini, Ul. Metzerm, B., Voss, M., Voigt, C.C., Bairlein, F. (2016) Morphometrics and stable isotope differentiate wintering populatoins of a migratory bird. **Movement Ecology** 4:20.
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 164. Schneeberger, K., Voigt, C.C., Müller, C., Caspers, B., (2016) Multidimensionality of chemical information in male greater sac-winged bats (*Saccopteryx bilineata*). **Frontiers in Ecology and Evolution** 4:83.
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