

Prof. Dr Raphaël Arlettaz¹

A) Publications in peer-reviewed journals

1988-1999

1. 1988. **Arlettaz, R.** & S. Aulagnier. Statut de trois espèces de chiroptères rares au Maroc: *Nycteris thebaica*, *Hipposideros caffer* et *Pipistrellus rueppelli*. **Zeitschrift für Säugetierkunde** 53: 321-324.
2. 1989. **Arlettaz, R.** Découverte d'une colonie de parturition de *Myotis brandti* (Chiroptera) dans la Haute vallée du Rhône (Valais, Suisse). **Mammalia** 53: 387-393.
3. 1990. **Arlettaz, R.** Contribution à l'éco-éthologie du Molosse de Cestoni, *Tadarida teniotis* (Chiroptera), dans les Alpes valaisannes (sud-ouest de la Suisse). **Zeitschrift für Säugetierkunde** 55: 28-42. 1990. Ruedi, M., **R. Arlettaz** & T. Maddalena. Distinction morphologique et biochimique de deux espèces jumelles de chauves-souris: *Myotis myotis* (Bork.) et *Myotis blythii* (Tomes) (Mammalia; Vespertilionidae). **Mammalia** 54: 415-429. 1993.
5. 1991. Ruedi, M. & **R. Arlettaz**. Biochemical systematics of the Savi's bat (*Hypsugo savii*) (Chiroptera: Vespertilionidae). **Zeitschrift für zoologische Systematik und Evolutionsforschung** 29: 115-122.
6. 1993. **Arlettaz, R.** & J. Fournier. Existe-t-il une ségrégation sexuelle de la prédation chez le Hibou petit-duc *Otus scops*? **Alauda** 61: 257-263.
7. 1993. **Arlettaz, R.**, E. Guibert, A. Lugon, P. Médard & A. Sierro. Variability of fur coloration in Savi's bat *Hypsugo savii*. **Bonner zoologische Beiträge** 44: 293-297.
8. 1993. **Arlettaz, R.** Une femelle de Grand Murin *Myotis myotis* (Mammalia, Chiroptera) porteuse de deux embryons. **Mammalia** 57: 148-149.
9. 1993. **Arlettaz, R.**, M. Ruedi & J. Hausser. Ecologie trophique de deux espèces jumelles et sympatriques de chauves-souris: *M. myotis* et *M. blythii* (Chiroptera: Vespertilionidae). Premiers résultats. **Mammalia** 57: 519-531.
10. 1994. **Arlettaz, R.**, A. Beck, R. Güttinger, M. Lutz, M. Ruedi & P. Zingg. Où se situe la limite nord de répartition géographique de *Myotis blythii* (Chiroptera: Vespertilionidae) en Europe centrale? **Zeitschrift für Säugetierkunde** 59: 181-188.
11. 1994. Rydell, J. & **R. Arlettaz**. Low frequency echolocation enables the bat *Tadarida teniotis* to specialize on tympanate insects. **Proceedings of the Royal Society of London. Series B, Biological sciences** 257: 175-178.
12. 1994. Heller, K.G. & **R. Arlettaz**. Is there a sex ratio bias in the bushcricket prey of the Scops Owl due to predation on calling males? **Journal of Orthoptera Research** 2: 41-42.
13. 1995. **Arlettaz, R.**, G. Dändliker, E. Kasybekov, J.M. Pillet, S. Rybin & J. Zima. Feeding habits of the long-eared desert bat *Otonycteris hemprichi* (Chiroptera: Vespertilionidae). **Journal of Mammalogy** 76: 873-876.
14. 1996. **Arlettaz, R.** Feeding behaviour and foraging strategy of free-living mouse-eared bats (*Myotis myotis* and *Myotis blythii*). **Animal Behaviour** 51: 1-11.
15. 1996. **Arlettaz, R.** Foraging behaviour of the gleaning bat *Myotis nattereri* (Chiroptera, Vespertilionidae) in the Swiss Alps. **Mammalia** 60: 181-186.
16. 1997. **Arlettaz, R.**, M. Ruedi, C. Ibanez, J. Palmeirim & J. Hausser. A new perspective on the zoogeography of the sibling mouse-eared bat species *Myotis myotis* and *Myotis*

¹ Full list papers here :

http://www.cb.iew.unibe.ch/unibe/portal/fak_naturwis/d_dbio/b_ioekv/abt_cb/content/e58880/e258374/e258542/Publicationsrecord_eng.pdf

blythii: morphological, genetical and ecological evidence. **Journal of Zoology, London** 242: 45-62.

17. 1997. Sierro, A. & **R. Arlettaz**. Barbastelle bats (*Barbastella* spp.) specialize in the predation of moths: implications for foraging tactics and conservation. **Acta Oecologica** 18: 91-106.
18. 1997. **Arlettaz, R.**, N. Perrin & J. Hausser. Trophic resource partitioning and competition between the two sibling bat species *Myotis myotis* and *Myotis blythii*. **Journal of Animal Ecology** 66: 897-911.
19. 1998. Hammer, M. & **R. Arlettaz**. A case of snake predation upon bats in northern Morocco: some implications for designing bat grilles. **Journal of Zoology, London** 245: 211-212.
20. 1999. **Arlettaz, R.** Habitat selection as a major resource partitioning mechanism between the two sympatric sibling bat species *Myotis myotis* and *Myotis blythii*. **Journal of Animal Ecology** 68: 460-471.
21. 1999. Norman, A.P., G. Jones & **R. Arlettaz**. Noctuid moths show neural and behavioural responses to sounds made by some bat-marking rings. **Animal Behaviour** 57: 829-835.

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22. 2000. **Arlettaz, R.**, S. Godat & H. Meyer. Competition for food by expanding pipistrelle bat populations (*Pipistrellus pipistrellus*) might contribute to the decline of lesser horseshoe bats (*Rhinolophus hipposideros*). **Biological Conservation** 93: 55-60.
23. 2000. **Arlettaz, R.**, C. Ruchet, J. Aeschimann, E. Brun, M. Genoud & P. Vogel. Physiological traits affecting the distribution and wintering strategy of the bat *Tadarida teniotis*. **Ecology** 81: 1004-1014.
24. 2000. Christe, P., **R. Arlettaz** & P. Vogel. Variation in intensity of a parasitic mite (*Spinturnix myoti*) in relation

to the reproductive cycle and immunocompetence of its bat host (*Myotis myotis*). **Ecology Letters** 3: 207-212.

25. 2000. Castella, V., M. Ruedi, L. Excoffier, C. Ibañez, **R. Arlettaz** & J. Hausser. Is the Gibraltar Strait a barrier to gene flow for the bat *Myotis myotis* (Chiroptera: Vespertilionidae)? **Molecular Ecology** 9: 1761-1772.

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26. 2001. Fournier, J. & **R. Arlettaz**. Food provision to nestlings in the hoopoe, *Upupa epops*: implications for the conservation of a small endangered population in the Swiss Alps. **Ibis** 143: 2-10.
27. 2001. Sierro, A., **R. Arlettaz**, B. Naef-Daenzer, S. Strelbel & N. Zbinden. Habitat use and foraging ecology of the nightjar *Caprimulgus europaeus* in the Swiss Alps: towards a conservation scheme. **Biological Conservation** 98: 325-331.
28. 2001. Giorgi, M.S., **R. Arlettaz**, P. Christe & P. Vogel. The energetic grooming costs imposed by a parasitic mite (*Spinturnix myoti*) upon its bat host (*Myotis myotis*). **Proceedings of the Royal Society of London B** 268: 2071-2075.
29. 2001. **Arlettaz, R.**, P. Christe, A. Lugon, N. Perrin & P. Vogel. Food availability dictates the timing of parturition in insectivorous mouse-eared bats. **Oikos** 95: 105-111.
30. 2001. **Arlettaz, R.**, G. Jones & P. Racey. Effect of acoustic clutter on prey detection by bats. **Nature** 414: 742-745.

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31. 2002. **Arlettaz, R.**, P. Christe, P. Surai & A.P. Møller. Deliberate rusty staining of plumage in the bearded vulture: does function precede art? **Animal Behaviour** 64: F1-F3.

32. 2002. **Arlettaz, R.**, P. Christe, M. Desfayes. 33 years, a new longevity record for a European bat. **Mammalia** 66: 441-442.

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33. 2003. Valière, N., L. Fumagalli, L. Gielly, C. Miquel, B. Lequette, M.L. Poulle, J.M. Weber, **R. Arlettaz** & P. Taberlet. Long-distance wolf recolonization of France and Switzerland inferred from non-invasive genetic sampling over a period of 10 years. **Animal Conservation** 6:83-92.
34. 2003. Bontadina, F. & **R. Arlettaz**. A heap of feathers does not make a bat's diet. **Functional Ecology** 17: 141-145.
35. 2003. Christe, P., M.S. Giorgi, P. Vogel & **R. Arlettaz**. Differential species-specific ectoparasitic mite intensities in two intimately coexisting sibling bat species: resource-mediated host attractiveness or parasite specialization? **Journal of Animal Ecology** 72: 866-872.
36. 2003. Hirzel, A.H. & **R. Arlettaz**. Modeling Habitat Suitability for Complex Species Distributions by Environmental-Distance Geometric Mean. **Environmental Management** 32: 614-623.

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37. 2004. Giorgi, M.S., **R. Arlettaz**, F. Guillaume, S. Nusslé, C. Ossola, P. Vogel & P. Christe. Causal mechanisms underlying host specificity in bats ectoparasites. **Oecologia** 138: 648-654.
38. 2004. Hirzel, A.H., B. Posse, P.A. Oggier, Y. Crettenand, C. Glenz & **R. Arlettaz**. Ecological requirements of reintroduced species and the implications for release policy: the case of the bearded vulture. **Journal of Applied Ecology** 41: 1103-1116.

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39. 2005. Baltic, M., S. Jenni-Eiermann, **R. Arlettaz** & R. Palme. A Noninvasive Technique to Evaluate Human-Generated Stress in the Black Grouse. **Annals of the New York Academy of Sciences** 1046: 81-95.

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40. 2006. Britschgi, A., R. Spaar & **R. Arlettaz**. Impact of grassland farming intensification on the breeding ecology of an indicator insectivorous passerine, the Whinchat *Saxicola rubetra*: Lessons for overall Alpine meadowland management. **Biological Conservation** 130: 193-205.
41. 2006. Zbinden, J.A., D. Margaritoulis & **R. Arlettaz**. Metabolic heating in Mediterranean loggerhead sea turtle clutches. **Journal of Experimental Marine Biology and Ecology** 334: 151-157.
42. 2006. Chapron, G. & **R. Arlettaz**. Using models to manage carnivores. **Science** 314: 1682-1683.

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43. 2007. Russo, D., G. Jones & **R. Arlettaz**. Echolocation and passive listening by foraging mouse-eared bats *Myotis myotis* and *M. blythii*. **Journal of Experimental Biology** 210: 166-176.
44. 2007. Popa-Lisseanu, A.G., A. Delgado-Huertas, M.G. Forero, A. Rodríguez, **R. Arlettaz** & C. Ibáñez. Bats' Conquest of a Formidable Foraging Niche: the Myriads of Nocturnally Migrating Songbirds. **PLoS ONE** 2: e205.
45. 2007. **Arlettaz, R.**, P. Patthey, M. Baltic, T. Leu, M. Schaub, R. Palme & S. Jenni-Eiermann. Spreading free-riding snow sports represent a novel serious threat for wildlife. **Proceedings of the Royal Society of London B** 274: 1219-1224.

46. 2007. Zbinden, J.A., A. Aebischer, D. Margaritoulis & **R. Arlettaz**. Insights into the management of sea turtle interesting area through satellite telemetry. **Biological Conservation** 137: 157-162.
47. 2007. Christe, P., O. Glazot, M.S. Giorgi, G. Evanno, N. Bruyndonckx, G. Devevey, G. Yannic, P. Patthey, A. Maeder, P. Vogel & **R. Arlettaz**. Host sex and ectoparasites choice: preference for, and higher survival on female hosts. **Journal of Animal Ecology** 76: 703-710.
48. 2007. Schaub, M., O. Gimenez, A. Sierro & **R. Arlettaz**. Use of Integrated Modeling to Enhance Estimates of Population Dynamics Obtained from Limited Data. **Conservation Biology** 21: 945-955.
49. 2007. Zbinden, J.A., C.R. Largiadèr, F. Leippert, D. Margaritoulis & **R. Arlettaz**. High frequency of multiple paternity in the largest rookery of Mediterranean loggerhead sea turtles. **Molecular Ecology** 16: 3703-3711.
50. 2007. Sattler, T., F. Bontadina, A.H. Hirzel & **R. Arlettaz**. Ecological niche modelling of two cryptic bat species calls for a reassessment of their conservation status. **Journal of Applied Ecology** 44: 1188-1199.
51. 2007. Zbinden, J.A., C. Davy, D. Margaritoulis & **R. Arlettaz**. Large spatial variation and female bias in the estimated sex ratio of loggerhead sea turtle hatchlings of a Mediterranean rookery. **Endangered Species Research** 3: 305-312.
- 2008**
52. 2008. Chapron, G. & **R. Arlettaz**. Conservation: academics should «conserve or perish». **Nature** 451: 127.
53. 2008. Bontadina, F., S. Schmied, A. Beck & **R. Arlettaz**. Changes in prey abundance unlikely to explain the demography of a critically endangered Central European bat. **Journal of Applied Ecology** 45: 641-648.
54. 2008. Zbinden, J.A., A. Aebischer, D. Margaritoulis & **R. Arlettaz**. Important areas at sea for adult loggerhead sea turtles in the Mediterranean: satellite tracking corroborates findings from potentially biased sources. **Marine Biology** 153: 899-906.
55. 2008. Revaz, E., M. Schaub & **R. Arlettaz**. Foraging ecology and reproductive biology of the Stonechat *Saxicola torquata* : comparison between a revitalized, intensively cultivated and a historical, traditionally cultivated agro-ecosystem. **Journal of Ornithology** 149: 301-312.
56. 2008. Wisler, C., U. Hofer & **R. Arlettaz**. Snakes and monocultures: habitat selection and movements of female Grass snakes (*Natrix natrix* L.) in an agricultural landscape. **Journal of Herpetology** 42 : 337-346.
57. 2008. Spada, M., S. Szentkuti, N. Zambelli, M. Mattei-Roesli, M. Moretti, F. Bontadina, **R. Arlettaz**, G. Tosi & A. Martinoli. Roost selection by the migratory Leisler noctule bat (*Nyctalus leisleri*) in montane woodlands outside the breeding season. **Acta chiropterologica** 10: 81-88.
58. 2008. Berthier, K., A. Loiseau, R. Streiff & **R. Arlettaz**. Eleven polymorphic microsatellite markers for *Oedaleus decorus* (Orthoptera, Acrididae), an endangered grasshopper in Central Europe. **Molecular Ecology Resources** 8: 1363-1366.
59. 2008. Geiser, S., **R. Arlettaz** & M. Schaub. Impact of weather variation on feeding behaviour, nestling growth and brood survival in Wrynecks *Jynx torquilla*. **Journal of Ornithology** 149 : 597-606.
60. 2008. Patthey, P. Wirthner, S., Signorell, N. & **R. Arlettaz**. Impact of outdoor winter sports on the abundance of a key indicator species of alpine ecosystems. **Journal of Applied Ecology** 45: 1704-1711.

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61. 2009. Schaub, M., R. Zink, H. Beissmann, F. Sarrazin & **R. Arlettaz**. When to end releases in reintroduction programmes: demographic rates and population viability analysis of bearded vultures in the Alps. **Journal of Applied Ecology** 46: 92-100.
62. 2009. Reichlin, T.S., M. Schaub, M.H.M. Menz, M. Mermod, P. Portner, **R. Arlettaz** & L. Jenni. Migration patterns of Hoopoe *Upupa epops* and wryneck *Jynx torquilla*: an analysis of European ring recoveries. **Journal of Ornithology** 150: 393-400.
63. 2009. Weinberger, I., F. Bontadina & **R. Arlettaz**. Translocation as a conservation tool to supplement relict bat colonies : a pioneer study with endangered horseshoe bats. **Endangered Species Research** 8: 41-48.
64. 2009. Menz, M., L. Brotons & **R. Arlettaz**. Habitat selection by Ortolan buntings *Emberiza hortulana* in post-fire succession in Catalonia: implications for the conservation farmland populations. **Ibis** 151: 752-761.
65. 2009. Mermod, M., T. S. Reichlin, **R. Arlettaz** & M. Schaub. The importance of ant-rich habitats for the persistence of the Wryneck *Jynx torquilla* on farmland. **Ibis** 151: 731-742.
66. 2009. Menz, M., P. Mosimann-Kampe & **R. Arlettaz**. Foraging habitat selection in the last Ortolan Bunting *Emberiza hortulana* population in Switzerland: final lessons before extinction. **Ardea** 97: 323-333.

2010

67. 2010. Aebischer, A., P. Nyffeler & **R. Arlettaz**. Wide-range dispersal in juvenile eagle owls (*Bubo bubo*) across the European Alps calls for transnational conservation programmes. **Journal of Ornithology** 151: 1-59.
68. 2010. Abadi, F., O. Gimenez, **R. Arlettaz** & M. Schaub. An assessment of integrated population models: bias,

accuracy, and violation of the assumption of independence. **Ecology** 91: 7-14.

69. 2010. **Arlettaz**, R., M. Krähenbühl, B. Almasi, A. Roulin & M. Schaub. Wildflower areas within revitalized agricultural matrices boost small mammal populations but not breeding Barn owls. **Journal of Ornithology** 151: 553-564.
70. 2010. Abadi, F., O. Gimenez, B. Ullrich, **R. Arlettaz** & M. Schaub. Estimation of immigration rate using integrated population models. **Journal of Applied Ecology** 47: 393-400.
71. 2010. Bächler E., S. Hahn, M. Schaub, **R. Arlettaz**, L. Jenni, J.W. Fox, V. Afanasyev & F. Liechit. Year-round tracking of small trans-Saharan migratins using light-level geolocators. **PLoS ONE** 5: e9566.
72. 2010. Zingg, S., **R. Arlettaz** & M. Schaub. Nestbox design influences territory occupancy and reproduction in a declining, secondary cavity-breeding bird. **Ardea** 98: 65-75.
73. 2010. Reichlin, T. S., K. A. Hobson, L. I. Wassenaar, M. Schaub, D. Tolkmitt, D. Becker, L. Jenni & **R. Arlettaz**. Migratory connectivity in a declining bird species: using feather isotopes to inform demographic modelling. **Diversity and Distributions** 16: 643-654.
74. 2010. Ashrafi, S., F. Bontadina, A. Kiefer, I. Pavlinic & **R. Arlettaz**. Multiple morphological characters needed for field identification of cryptic long-eared bat species around the Swiss Alps. **Journal of Zoology (London)** 281: 241-248.
75. 2010. **Arlettaz**, R., T. Reichlin, M. Schaad & M. Schaub. Impact of weather and climate variation on Hoopoe reproductive ecology and population growth. **Journal of Ornithology** 151: 889-899.
76. 2010. Coudrain, V., **R. Arlettaz** and M. Schaub. Food or nesting place? Identifying factors limiting Wryneck populations. **Journal of Ornithology** 151: 867-880.

77. 2010. Schaub, M., A. Aebischer, O. Gimenez, S. Berger & **R. Arlettaz**. Massive immigration balances high anthropogenic mortality in a stable eagle owl population: Lessons for conservation. **Biological Conservation** 143: 1911-1918.
78. 2010. Chapron, G., **R. Arlettaz** & L. Boitani. Why the inaction on biodiversity? **Nature** 467: 401.
79. 2010. Sattler, T., P. Duelli, M.K. Obrist, **R. Arlettaz** & M. Moretti. Response of arthropod species richness and functional groups to urban habitat structure and management. **Landscape Ecology** 25: 941-954.
80. 2010. Schaub, M., N. Martinez, A. Tagmann-Ioset, N. Weisshaupt, M.L. Maurer, T.S. Reichlin, F. Abadi, N. Zbinden, L. Jenni and **R. Arlettaz**. Patches of Bare Ground as a Staple Commodity for Declining Ground-Foraging Insectivorous Farmland Birds. **PLoS ONE** 5: e13115
81. 2010. Sattler, T., D. Borcard, **R. Arlettaz**, F. Bontadina, P. Legendre, M.K. Obrist & M. Moretti. Spider, bee, and bird communities in cities are shaped by environmental control and high stochasticity. **Ecology** 91: 3343-3353.
82. 2010. **Arlettaz, R.**, M. Schaub, J. Fournier, T.S. Reichlin, A. Sierro, J. Watson & V. Braunisch. From publications to public actions: when conservation biologists bridge the gap between research and implementation. **BioScience** 60: 835-842.
83. 2010. Signorell, N., S. Wirthner, P. Patthey, R. Schranz, L. Rotelli & **R. Arlettaz**. Concealment from predators drives foraging habitat selection in brood-rearing Alpine black grouse *Tetrao tetrix* hens: habitat management implications. **Wildlife Biology** 16: 249-257.
84. 2010. **Arlettaz, R.**, R. Mathevet. Biodiversity conservation: from research to action. **Natures Sciences Sociétés** 18: 452-458.

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85. 2011. **Arlettaz, R.**, V. Braunisch, M. Schaub & J.E.M. Watson. Change in conservation efforts: response from Arlettaz and colleagues. **BioScience** 61: 93-94.
86. 2011. Braunisch, V., P. Patthey & **R. Arlettaz**. Spatially explicit modelling of conflict zones between outdoor snowsports and wildlife: delineation of winter refuges for declining alpine fauna. **Ecological Applications** 21: 955-967.
87. 2011. Ashrafi, S., A. Beck, M. Rutishauser, **R. Arlettaz** & F. Bontadina. Trophic niche partitioning of cryptic species of long-eared bats in Switzerland: implications for conservation. **European Journal of Wildlife Research** 57: 843-849.
88. 2011. Weisshaupt, N., **R. Arlettaz**, T. S. Reichlin, A. Ioset & M. Schaub. Habitat selection by foraging Wrynecks *Jynx torquilla* during the breeding season: identifying the optimal habitat profile. **Bird Study** 58: 111-119.
89. 2011. **Arlettaz, R.**, A. Lugon, A. Sierro, P. Werner, M. Kéry & P.A. Oggier. River bed restoration boosts habitat mosaic and the demography of two non-aquatic vertebrates. **Biological Conservation** 144: 2126-2132.
90. 2011. **Arlettaz, R.**, G. Chapron & V. Braunisch. Active scepticism must drive biodiversity conservation science. **Trends in Ecology and Evolution** 26: 379-380.

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91. 2012. Chamberlain, D., **R. Arlettaz**, E. Caprio, R. Maggini, P. Pedrini, A. Rolando & N. Zbinden. The altitudinal frontier in avian climate impact research. **Ibis** 154: 205-209.
92. 2012. Menz, M. & **R. Arlettaz**. The precipitous decline of the ortolan bunting: time to build on scientific evidence to inform conservation management. **Oryx** 46: 122-129.
93. 2012. Tagmann-Ioset, A., M. Schaub, T.S. Reichlin, N. Weisshaupt & **R. Arlettaz**. Bare ground as a crucial

- habitat feature for a rare terrestrially foraging farmland bird. **Acta Oecologica** 39: 25-32.
94. 2012. Lambrechts, M., K. L. Wiebe, P. Sunde, T. Solonen, F. Sergio, A. Roulin, A. P. Moller, B. C. Lopez, J. A. Fargallo, K. M. Exo, G. Dell’Omo, D. Costantini, M. Charter, M. W. Butler, G. R. Bortolotti, **R. Arlettaz** & E. Korpimäki. Nest box design for the study of diurnal raptors and owls is still an overlooked point in ecological, evolutionary and conservation studies: a review. **Journal of Ornithology** 153: 23-34.
 95. 2012. **Arlettaz, R.**, M. L. Maurer, M., P. Mosimann-Kampe, S. Nusslé, F. Abadi & M. Schaub. New vineyard cultivation practices create patchy ground vegetation, favouring Woodlarks. **Journal of Ornithology** 153: 229-238.
 96. 2012. Schaub, M., T. S. Reichlin, F. Abadi, M. Kéry, L. Jenni & **R. Arlettaz**. The demographic drivers of local population dynamics in two rare migratory birds. **Oecologia** 168: 97-108.
 97. 2012. Rutishauser, M.D., F. Bontadina, V. Braunisch, S. Ashrafi & **R. Arlettaz**. The challenge posed by newly discovered cryptic species: disentangling the environmental niches of long-eared bats. **Diversity and Distributions** 18: 1107-1119.
 98. 2012. Patthey, P., N. Signorell, L. Rotelli & **R. Arlettaz**. Vegetation structural and compositional heterogeneity as a key feature in Alpine black grouse microhabitat selection: conservation management implications. **European Journal of Wildlife Research** 58: 59-70.
 99. 2012. Berthier, K., F. Leipert, L. Fumagalli & **R. Arlettaz**. Massive nest-box supplementation boosts fecundity, survival and even immigration without altering mating and reproductive behaviour in a rapidly recovered bird population. **PLoS ONE** 7, e36028.
 100. 2012. Braunisch, V., R. Home, J. Pellet & **R. Arlettaz**. Conservation science relevant to action : A research agenda identified and prioritized by practitioners. **Biological Conservation** 153: 201-210.
 101. 2012. Bötsch, Y., **R. Arlettaz** & M. Schaub. Breeding dispersal of Eurasian Hoopoes (*Upupa epops*) within and between years in relation to reproductive success, sex and age. **The Auk** 129: 283-295.
 102. 2012. Abadi, F., O. Gimenez, H. Jakober, W. Stauber, **R. Arlettaz** & M. Schaub. Estimating the strength of density-dependence in the presence of observation errors using integrated population models. **Ecological Modelling** 242: 1-9.
 103. 2012. Humbert, J. Y., J. Pellet, P. Buri & **R. Arlettaz**. Does delaying the first mowing date benefit biodiversity in meadowland. **Environmental Evidence**. Online.
 104. 2012. Pellet, J., J. T. Bried, D. Parietti, A. Gander, P. O. Heer, D. Cherix & **R. Arlettaz**. Monitoring butterfly abundance : beyond Pollard walks. **PLoS ONE** 7: e41396.
 105. 2012. Kindler, E., **R. Arlettaz** & G. Heckel. Deep phylogeographic divergence and cytonuclear discordance in the grasshopper *Oedaleus decorus*. **Molecular Phylogenetics and Evolution** 65: 695-704.
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106. 2013. Reichlin, T.S., K.A. Hobson, S.L. van Wilgenburg, M. Schaub, L.I. Wassenaar, M. Martin-Vivaldi, **R. Arlettaz** & L. Jenni. Conservation through connectivity: can isotopic gradients in Africa reveal winter quarters of a migratory bird? **Oecologia** 171: 591-600.
 107. 2013. Heer, P., J. Pellet, A. Sierro & **R. Arlettaz**. Evidence-based assessment of butterfly habitat restoration to enhance management practices. **Biodiversity and Conservation** 22: 239-252.
 108. 2013. Frey-Ehrenbold, A., Bontadina, F., **Arlettaz R.**, Obrist M. K. Landscape connectivity, habitat structure and activity of bat guilds in farmland-dominated matrices. **Journal of Applied Ecology** 50: 252-261.
 109. 2013. Schmid, B., L. Tam-Dafond, S. Jenni-Eiermann, **R. Arlettaz**, M. Schaub & L. Jenni. Modulation of the

- adrenocortical response to acute stress with respect to brood value, reproductive success and survival in the Eurasian hoopoe. **Oecologia** 173: 33-44.
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