Luca Corlatti - Publication List

Editorial work

[1] Zachos, F. and L. Corlatti [Eds.]. 2021. Terrestrial Cetartiodactyla. Volume II of: Handbook of the Mammals of Europe. *Springer Nature*, Heidelberg.

Monographs

[1] Miller, C. & L. Corlatti. 2014. Das Gamsbuch [The chamois book], 2nd edition. *Neumann & Neudamm Verlag*, Melsungen.

Chapters in books

[1] Corlatti, L., Herrero, J., Ferretti, F., Anderwald, P., García-González, R., Hammer, S., Nores, C., Rossi, L. and S. Lovari. 2021. Chamois, *Rupicapra rupicapra* (Linnaeus, 1758) and *Rupicapra pyrenaica* (Bonaparte, 1845). In: Handbook of the Mammals of Europe – Terrestrial Cetartiodactyla (Eds. Zachos, F. and L. Corlatti). Springer Nature.

Peer-reviewed articles (5 most relevant publications indicated with \*)

[35] Reiner, R., Zedrosser, A., Zeiler, H., Hackländer, K., and L. Corlatti. Deterministic reconstruction as an informative tool for monitoring chamois populations. *Wildlife Biology*, wlb.00757*.*

[34] Corlatti, L., Sivieri, S., Sudolska, B., Giacomelli, S. and L. Pedrotti. 2020. A field test of unconventional camera trap distance sampling to estimate abundance of marmot populations. *Wildlife Biology,* wlb.00652*.*

[33] Sultana, M., Corlatti, L., and I. Storch. 2020. The interaction of imperviousness and habitat heterogeneity drives bird richness patterns in South Asian cities. *Urban Ecosystems, in press.*

[32] Corlatti, L. and S. Sivieri. 2020. Face markings in Northern chamois: cues of dominance? *Mammalian Biology*, 100, 559–565.

[31] Corlatti, L. 2020. Anonymous faecal sampling and NIRS studies of diet quality: problem or opportunity? *Ecology and Evolution*, 10, 6089–6096.

[30] Corlatti, L., Bassano, B. and S. Lovari. 2020. Weather stochasticity and alternative reproductive tactics in Northern chamois. *Biological Journal of the Linnean Society*, 130, 359–364.

[29] Kavčić, K., Corlatti, L., Rodriguez, O., Kavčić, B. and N. Šprem. 2020. From the mountains to the sea! Unusual swimming behavior in chamois *Rupicapra* spp. *Ethology, Ecology & Evolution*, 32, 402–408.

[28] Kavčić, K., Corlatti, L., Safner, T., Budak, N. and N. Šprem. 2020. Contrasting patterns of sexually selected traits in Mediterranean and continental populations of European mouflon. *Ecology and Evolution*, 10, 2085–2092.

[27] Mori, E., Sangiovanni, G. and L. Corlatti. 2020. Gimme shelter: the effect of rocks and moonlight on occupancy and activity pattern of an endangered rodent, the garden dormouse *Eliomys quercinus*. *Behavioural Processes*, 170, 103999.

[26] Kavčić, K., Corlatti, L., Safner, T., Budak, N., and N. Šprem. 2019. Density-dependent decline of early horn size in European mouflon. *Mammalian Biology*, 99, 37–41.

[25] Corlatti, L., Sanz-Aguilar, A., Tavecchia, G., Gugiatti, A and L. Pedrotti. 2019. Unraveling the sex- and age-specific impact of poaching mortality with multievent modeling. *Frontiers in Zoology*, 16:20

[24] Corlatti, L., Bonardi, A., Bragalanti, N. and L. Pedrotti. 2019. Long-term dynamics of Alpine ungulates suggest interspecific competition. *Journal of Zoology*, 309, 241–249.

[23] Corlatti, L., Lorenzetti, C. and B. Bassano. 2019. Parasitism and alternative reproductive tactics in Alpine chamois. *Ecology and Evolution*, 9, 8749–8758.

[22] Corlatti, L., Ferretti, F. and S. Lovari. 2019. Hunting lactating females deserves caution: the case of the chamois. *Ethology, Ecology & Evolution*, 31: 293–299.

[21] Iacolina, L., Corlatti, L., Buzan, E., Safner, T. and N. Sprem. 2019. Hybridization in European ungulates: an overview of the current status, causes and consequences. *Mammal Review*,49: 45–59.

[20] Kämmerle, L., Corlatti, L., Hamrs, L. and I. Storch. 2018. Methods for assessing small-scale variation in the abundance of a generalist mesopredator. *PLoS ONE,* 13(11): e0207545.

[19] Corlatti, L. 2018. Fecal cortisol metabolites under anonymized sampling: Robust estimates despite significant individual heterogeneity. *Ecological Indicators*, 95: 775–780.

[18] Corlatti, L., Gugiatti, A., Ferrari, N., Formenti, N., Trogu, T. and L. Pedrotti. 2018. The cooler the better? Indirect effects of spring-summer temperature on fecundity in a capital breeder. *Ecosphere*, 9: e02326.

[17] Corlatti, L., Storch, I., Filli, F. and P. Anderwald. 2017. Does selection on horn length in males and females differ between protected and hunted populations of a weakly dimorphic ungulate? *Ecology and Evolution*, 7: 3713–3723.

[16] Corlatti, L., Nelli, L., Zibordi, F., Bertolini, M. and L. Pedrotti. 2017. A comparison of four methods to estimate population size of Alpine marmot *Marmota marmota*. *Hystrix*, 28: 61–67.

[15] Bonardi, A., Corlatti, L., Bragalanti, N. and L. Pedrotti. 2017. The role of weather and density-dependence on population dynamics of mountain-dwelling red-deer. *Integrative Zoology*, 12: 61-76.

[14] Corlatti, L., Gugiatti, A. and L. Pedrotti. 2016. Spring spotlight counts provide reliable indices to track changes in population size in mountain-dwelling red deer *Cervus elaphus*. *Wildlife Biology*, 22: 268–276.

[13] Šprem, N., Zanella, D., Ugarković, D., Prebanić, I., Gančević, P. and L. Corlatti. 2015. Unimodal activity pattern in forest-dwelling chamois: typical behaviour or interspecific avoidance? *European Journal Wildlife Research,* 61: 789–794.

[12] Corlatti, L., Bassano, B., Polakova, R., Fattorini, L., Pagliarella, M. and S. Lovari. 2015. Preliminary analysis of reproductive success in a large mammal with alternative mating tactics, the Alpine chamois, *Rupicapra r. rupicapra*. *Biological Journal of the Linnean Society*, 116: 117-123.

[11] Corlatti, L., Gugiatti, A. and S. Imperio. 2015. Horn growth patterns in Alpine chamois. *Zoology*, 118: 213–219.

[10] Corlatti, L., Fattorini, L. and L. Nelli. 2015. The use of block-counts, mark-resight and distance sampling to estimate population size of a mountain-dwelling ungulate. *Population Ecology*, 57: 409–419.

[9] Corlatti, L., Palme, R., and S. Lovari. 2014. Physiological response to etho-ecological stressors in male Alpine chamois: timescale matters! *Naturwissenschaften*, 101: 577–586.

[8] Corlatti, L. and B. Bassano. 2014. Contrasting alternative hypotheses to explain rut-induced hypophagia in territorial male chamois. *Ethology*, 120: 32–41.

[7] Corlatti, L., Bassano, B., Valencak, T.G.V., and S. Lovari. 2013. Foraging strategies associated with alternative reproductive tactics in a large mammal. *Journal of Zoology*, 291:111–118.

[6] Corlatti, L., Caroli, M., Pietrocini, V. and S. Lovari. 2013. Rutting behaviour of territorial and nonterritorial male chamois: is there a home advantage? *Behavioural Processes,* 92: 118–124.

[5] Corlatti, L., Béthaz, S., von Hardenberg, A., Bassano, B., Palme, R. and S. Lovari. 2012. Hormones, parasites and alternative mating tactics in Alpine chamois: identifying the mechanisms of life history trade-offs. *Animal Behaviour*, 84: 1061–1070.

[4] Corlatti, L., Lebl, K., Filli, F. and T. Ruf. 2012. Unbiased sex-specific survival in Alpine chamois. *Mammalian Biology*, 77: 135–139.

[3] Corlatti, L., Lorenzini, R., and S. Lovari. 2011. The conservation of the chamois *Rupicapra* spp. *Mammal Review,* 41: 163–174.

[2] Corlatti, L., Hackländer, K., Frey-Roos, F., and R. Palme. 2011. Climatic cues and glucocorticoids in a free ranging riparian population of red deer (*Cervus elaphus*). *Folia Zoologica,* 60: 176–180.

[1] Corlatti, L., Hackländer, K., and F. Frey-Roos. 2009. Ability of wildlife overpasses to provide connectivity and prevent genetic isolation. *Conservation Biology*, 23: 548–556.