

In this appendix, we provide a list of studies where quantiNemo 1 was used. This prove that quantiNemo is a tool of reference in a wide variety of topics and that it needs to be updated in order to remain such a tool since research focus evolves constantly.

- power of  $F_{ST}$  outlier tests, and  $F_{ST} - Q_{ST}$  comparisons Narum and Hess (2011); Edelaar and Björklund (2011); Cubry *et al.* (2017)
- recommended for genome mapping in wild populations Slate *et al.* (2010)
- quantitative genetics and gene mapping Yoder and Tiffin (2018); Gompert (2016)
- inference of species demography Frank *et al.* (2011); Antoniazza *et al.* (2014); Kanitz *et al.* (2018)
- test of introgression Hess *et al.* (2011); Lindtke *et al.* (2012); Pajkovic *et al.* (2014); De La Torre *et al.* (2015)
- evolution of sex determinism Grossen *et al.* (2011); Blaser *et al.* (2011); Saleh *et al.* (2012); Grossen *et al.* (2012)
- test of the effect of mating systems Bazin *et al.* (2014)
- test of the effect of domestication Mäkinen *et al.* (2015)
- effect of climate change on demography Prates *et al.* (2016)
- effect of environmental pressure on demography Frey *et al.* (2016)
- effect of migration on genetic diversity Steinbach *et al.* (2018)

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