



Supplementary Figure S1. 200 × 200 km grid cells used in Table S5.

Supplementary Table S1. Image sources for this project. All references that contributed 10 or more photos are listed. A complete list of photos and their sources is provided in Supplementary Table S2. * we received the revised edition by GENIEZ (2018) after finishing this project; a species checklist with a comparison to GENIEZ (2018) is provided in Supplementary Table S1.

Source	photos
GRUBER (2009): Die Schlangen Europas*	109
SINDACO et al. (2013): Reptiles of the Western Palearctic, Vol. 2, snakes	134
HOFMANN et al. (2018): A new subspecies of <i>Zamenis hohenackeri</i> ...	28
JABLONSKI et al. (2019): The biogeography of <i>Elaphe sauromates</i>	16
TUNIYEV et al. (2012): New Species of Shield-Head Vipers, <i>Pelias olguni</i>	10
TUNIYEV et al. (2018a): Taxonomic status of shield-head vipers ...	10
UETZ et al. (2020): Reptile Database	270
29 other sources (< 10 photos each)	38
Total	626