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THE CHECKLIST OF REPTILE FAUNA (Chordata: Vertebrata: Reptilia) IN BOSNIA AND HERZEGOVINA

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Bosnia and Herzegovina (B&H), as a specific region in the north western Balkan Peninsula, has a high level of genetic, species and ecosystem diversity primary due to the presence of different climatic zones that extend from north to south of the country (in cca 400 km). Multiple numbers of refugia and relict landscapes in this area enabled the survivorship for species during several glaciation events in the past and allowed the existence of a rich biodiversity. Even though that herpetofauna research in B&H can be traced back to the O. Möellendorf PhD dissertation (1873), studies of reptiles have been rare and sporadic in this area (e.g. Werner 1898, Bolkay 1924, Đurović et al. 1979, Radovanović 1951) until this time. The main aim of this work is to give **new distribution maps** for all existing reptile species in B&H (N=31) with revised taxonomic updates. Besides native species (N=29), two allochthonous species (*Trachemys scripta* – Fig. 3 and *Pelodiscus sinensis* – Fig. 4) are described in the herpetofauna of B&H. Authors did not confirm the existence of just two species (*P. sinensis* and *Dolichopsis caspius* – Fig. 19) that are reported to occur in B&H (literature data). Some species are extremely rare with only one (*Ablepharus kitaibeli* – Fig. 17) or several findings (*Telescopus fallax* – Fig. 25, *Zamenis situla* – Fig. 23, *Platyceps najadum* – Fig. 20), and most of the species (42%) have still an **unclear distribution** due to lack of data.

1. *Emys orbicularis* (Linnaeus, 1758)

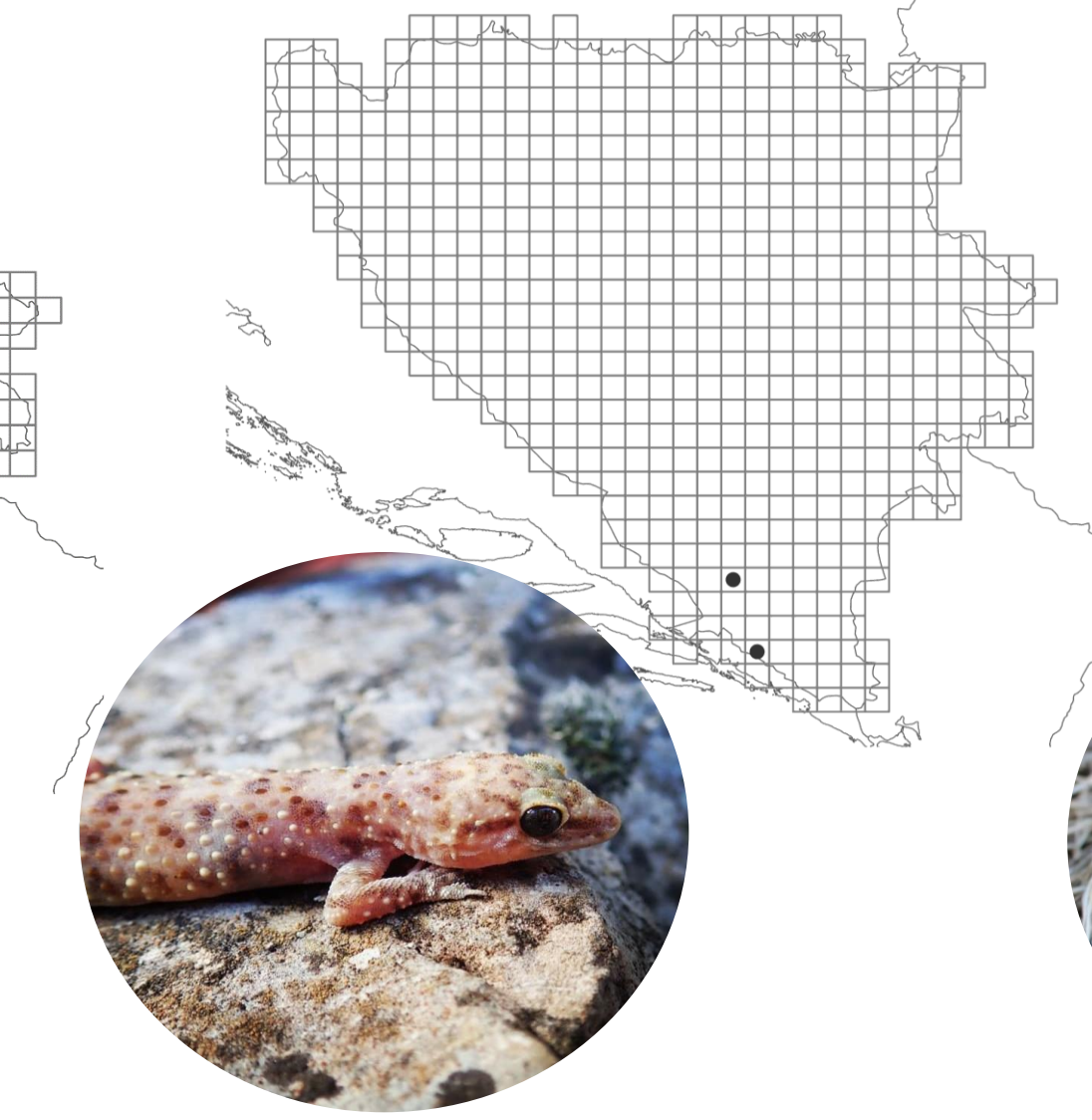
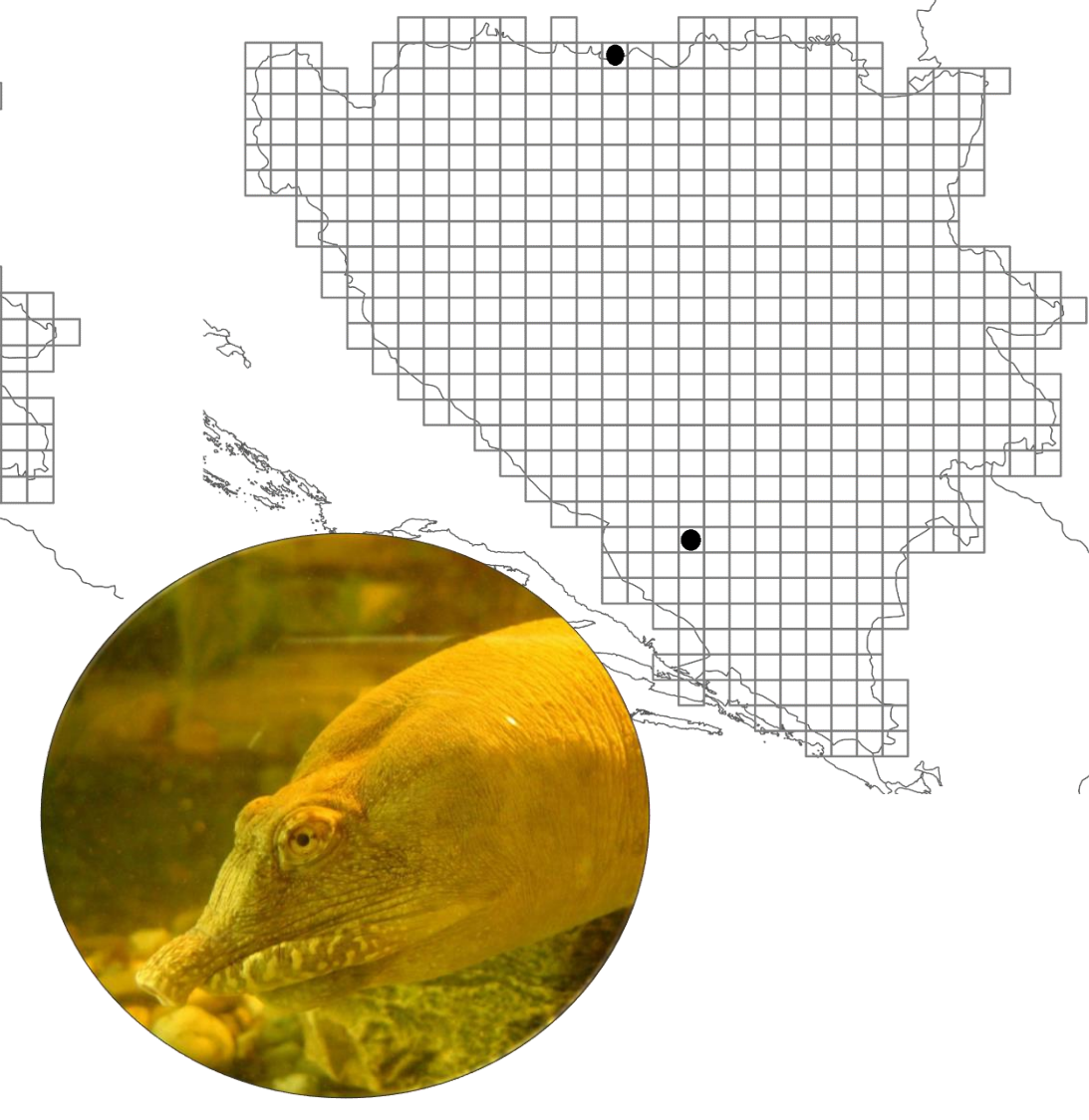
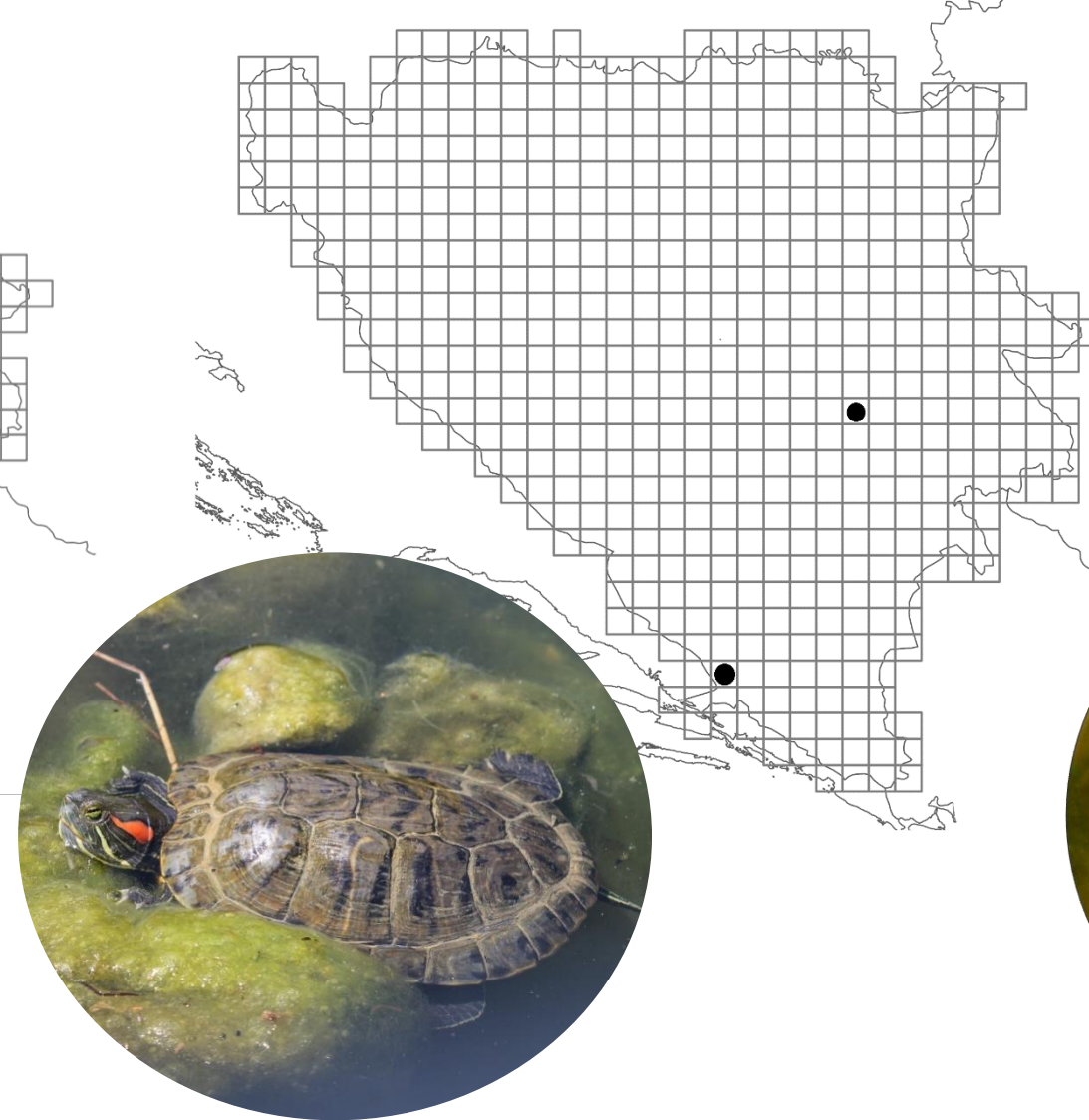
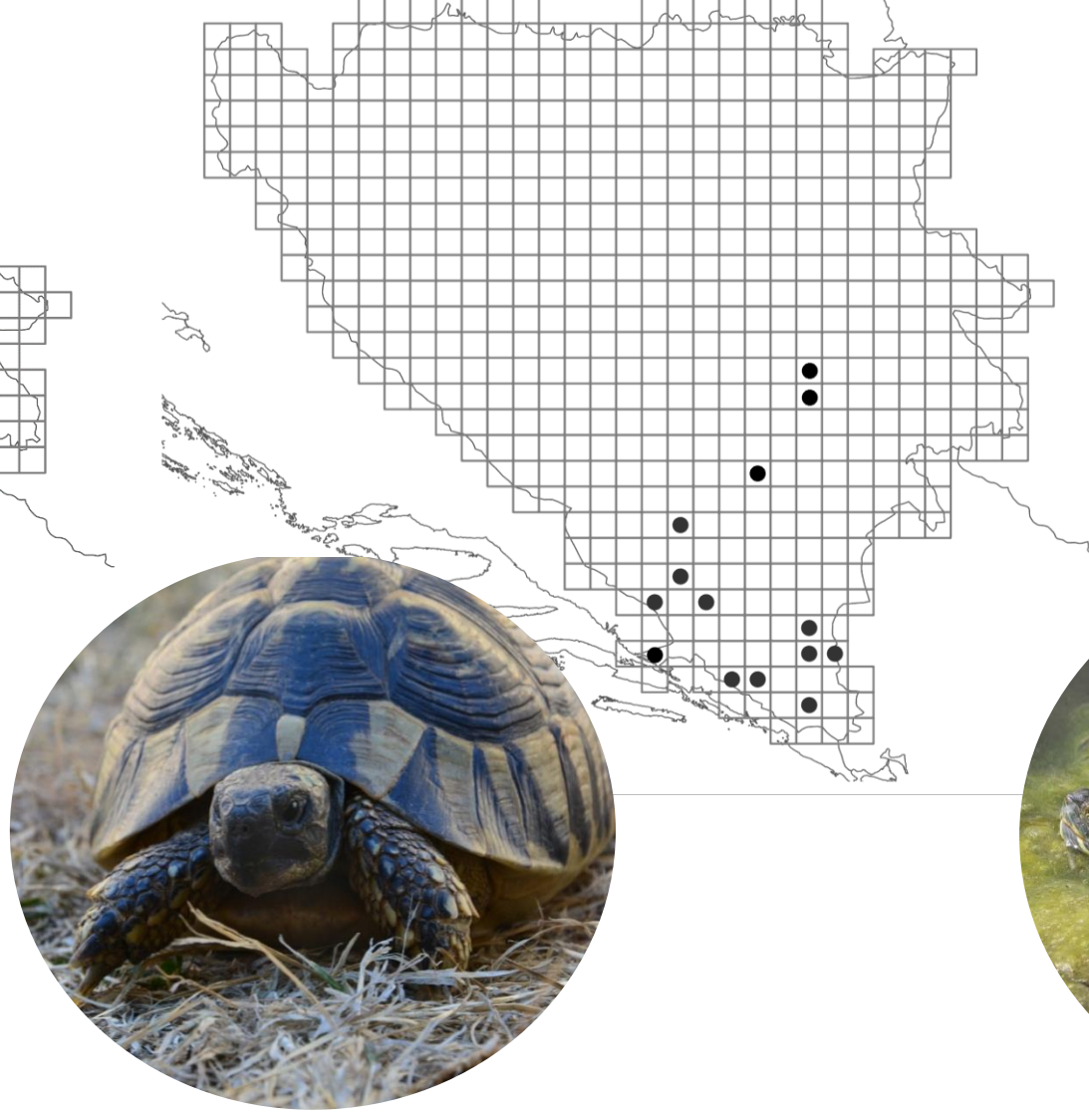
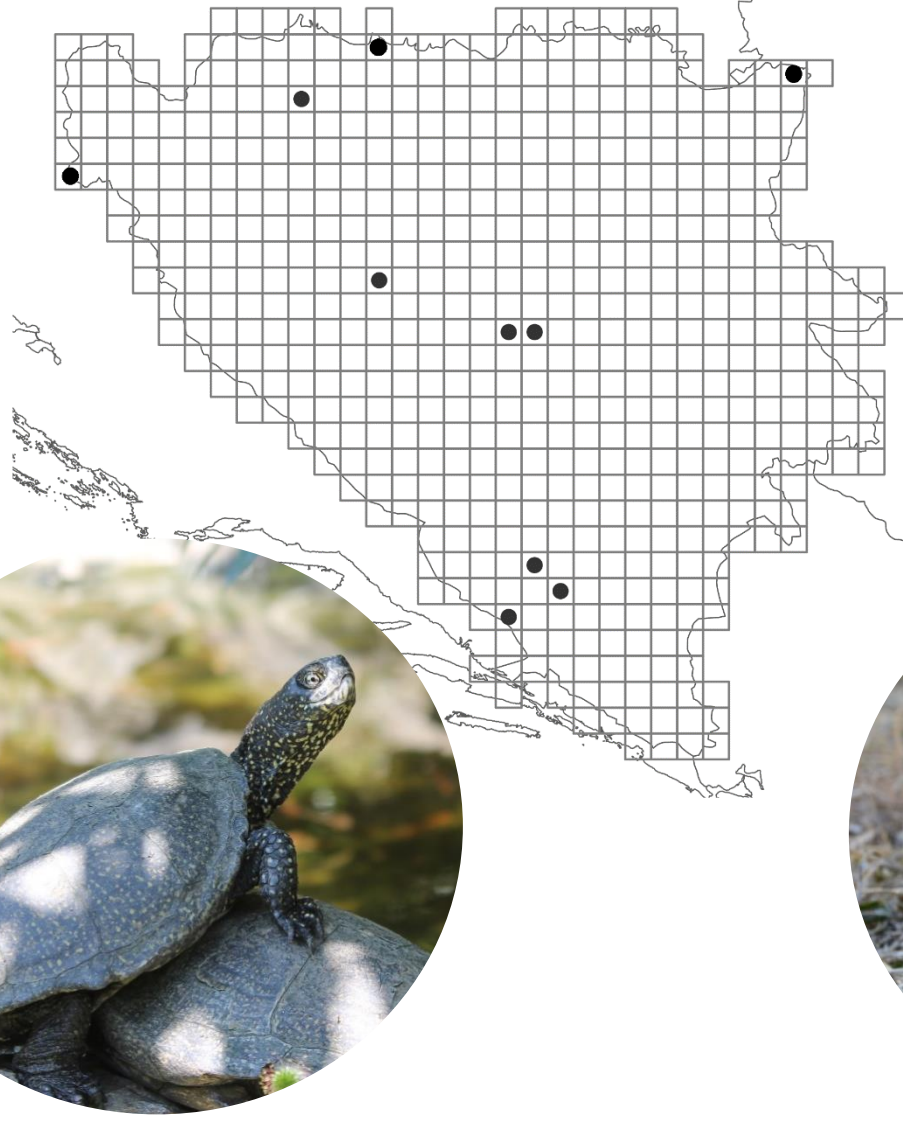
2. *Testudo hermanni* Gmelin, 1789

3. *Trachemys scripta* (Thunberg, 1792)

4. *Pelodiscus sinensis* (Wiegmann, 1835)

5. *Hemidactylus turcicus* (Linnaeus, 1758)

6. *Anguis fragilis* Linnaeus, 1758



7. *Pseudopus apodus* (Pallas, 1775)

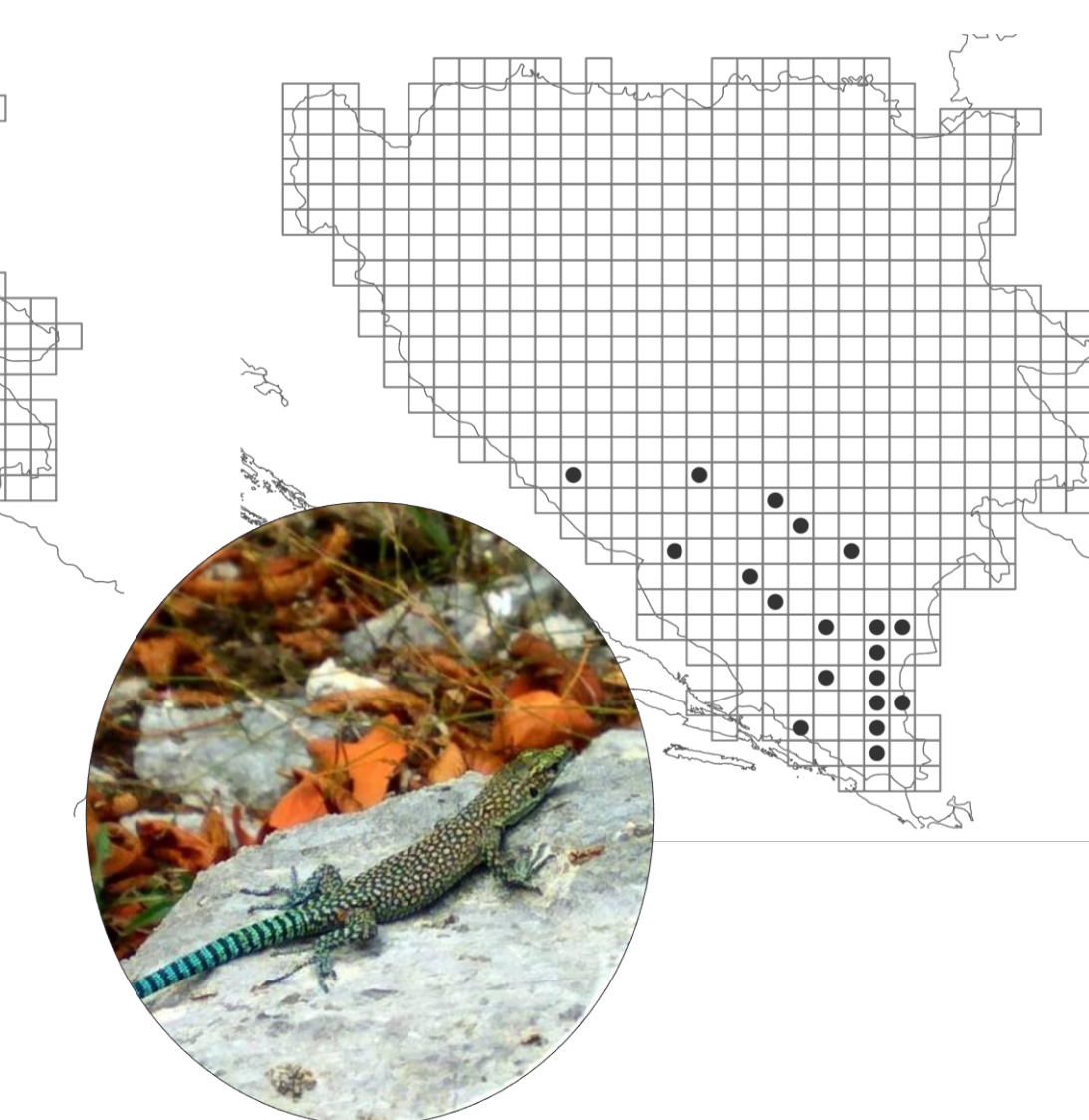
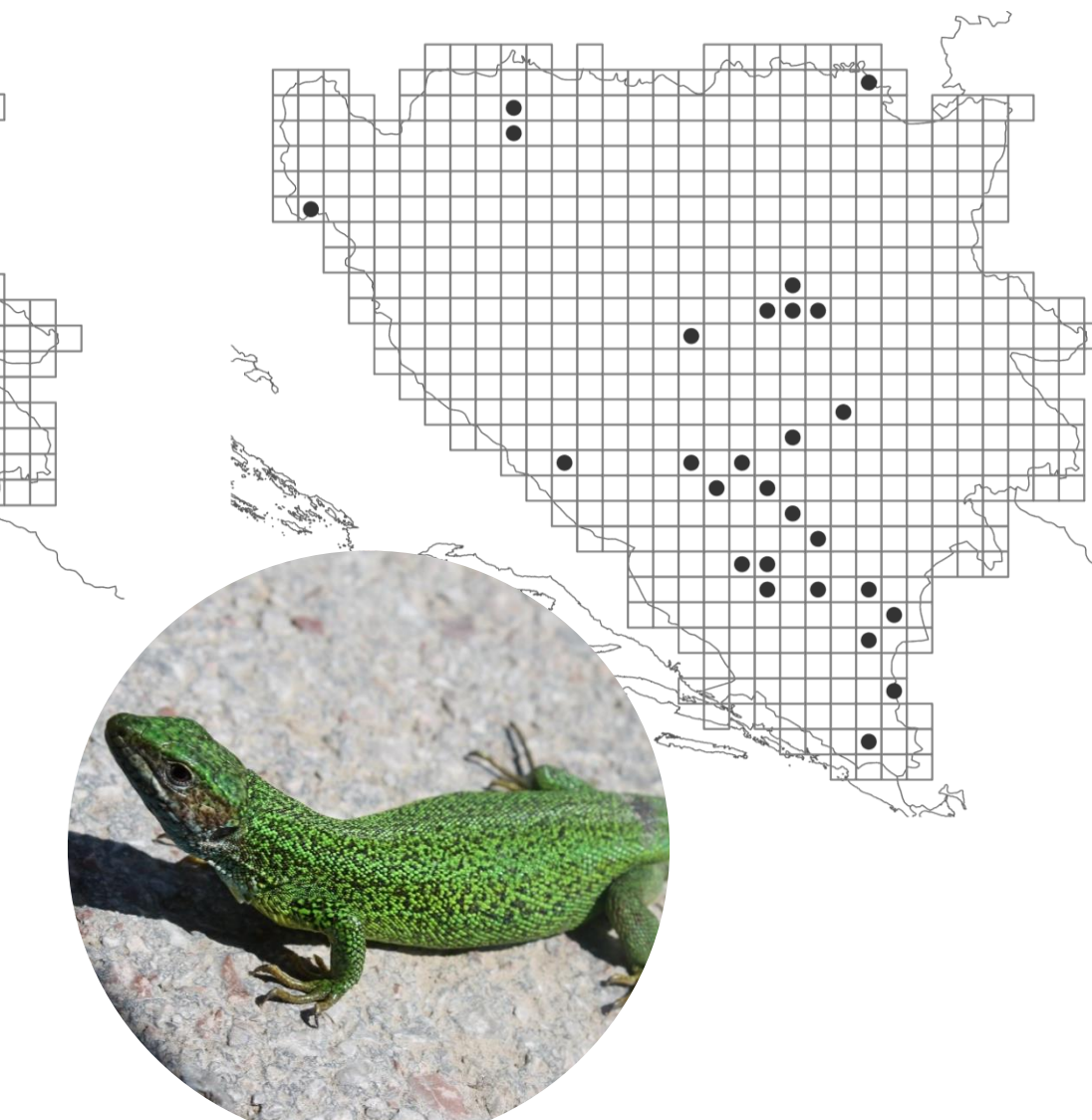
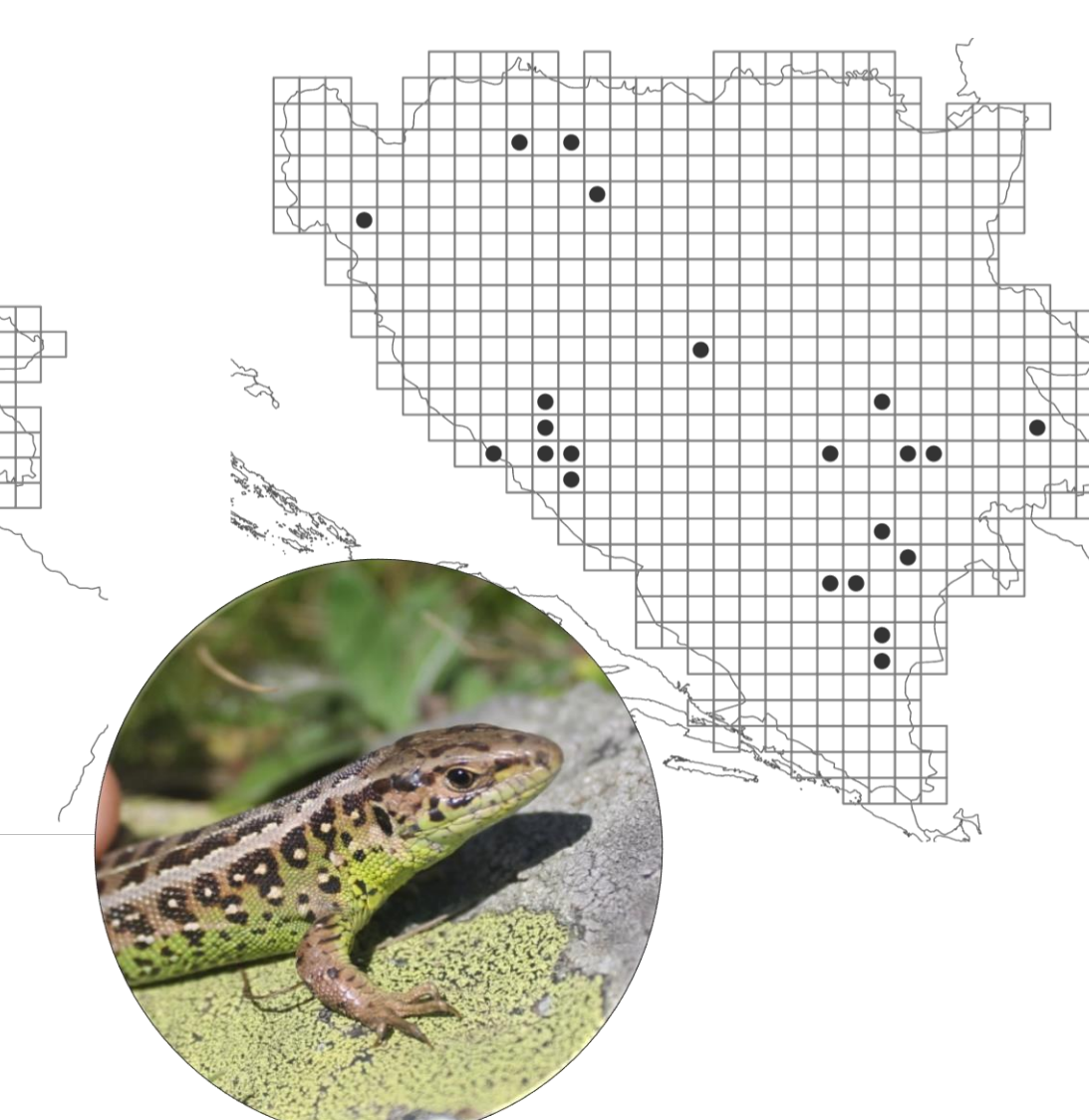
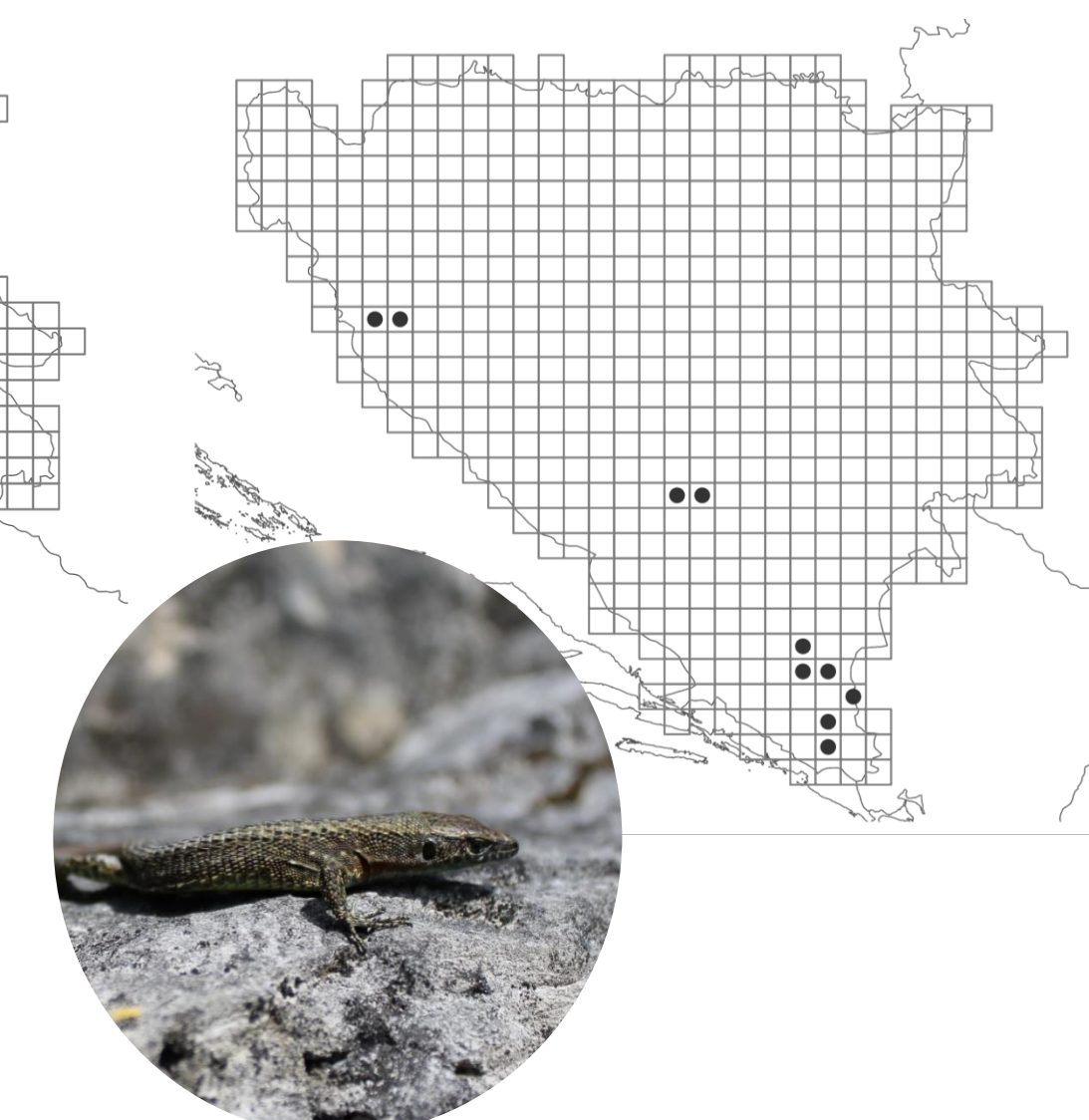
8. *Algyroides nigropunctatus* (Dumeril & Bibron, 1839)

9. *Lacerta agilis* Linnaeus, 1758

10. *Lacerta trilineata* Bedriaga, 1886

11. *Lacerta viridis* Laurenti, 1768

12. *Dalmatolacerta oxycephala* (Dumeril & Bibron, 1839)



13. *Dinarolacerta mosorensis* (Kolombatović, 1886)

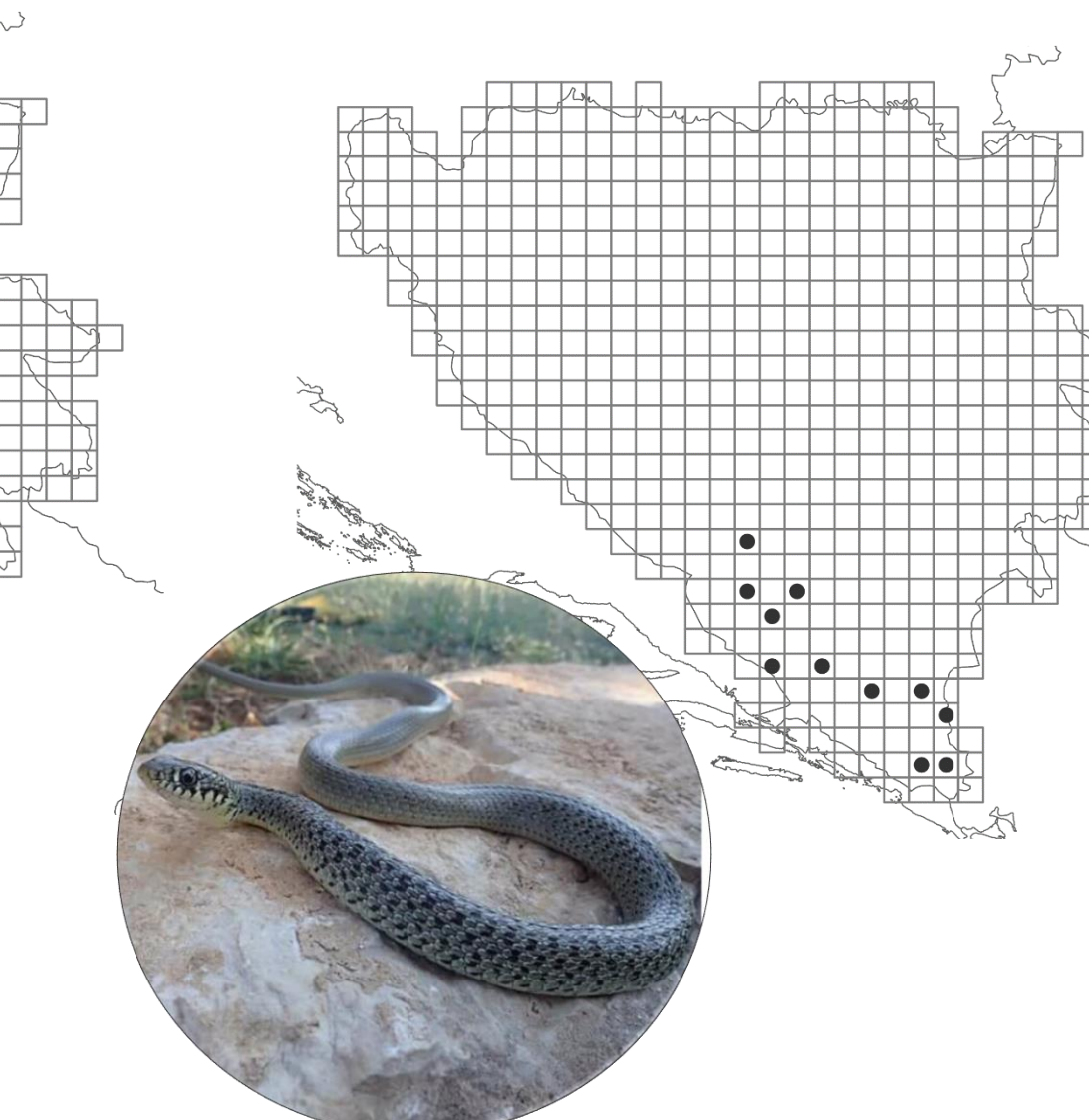
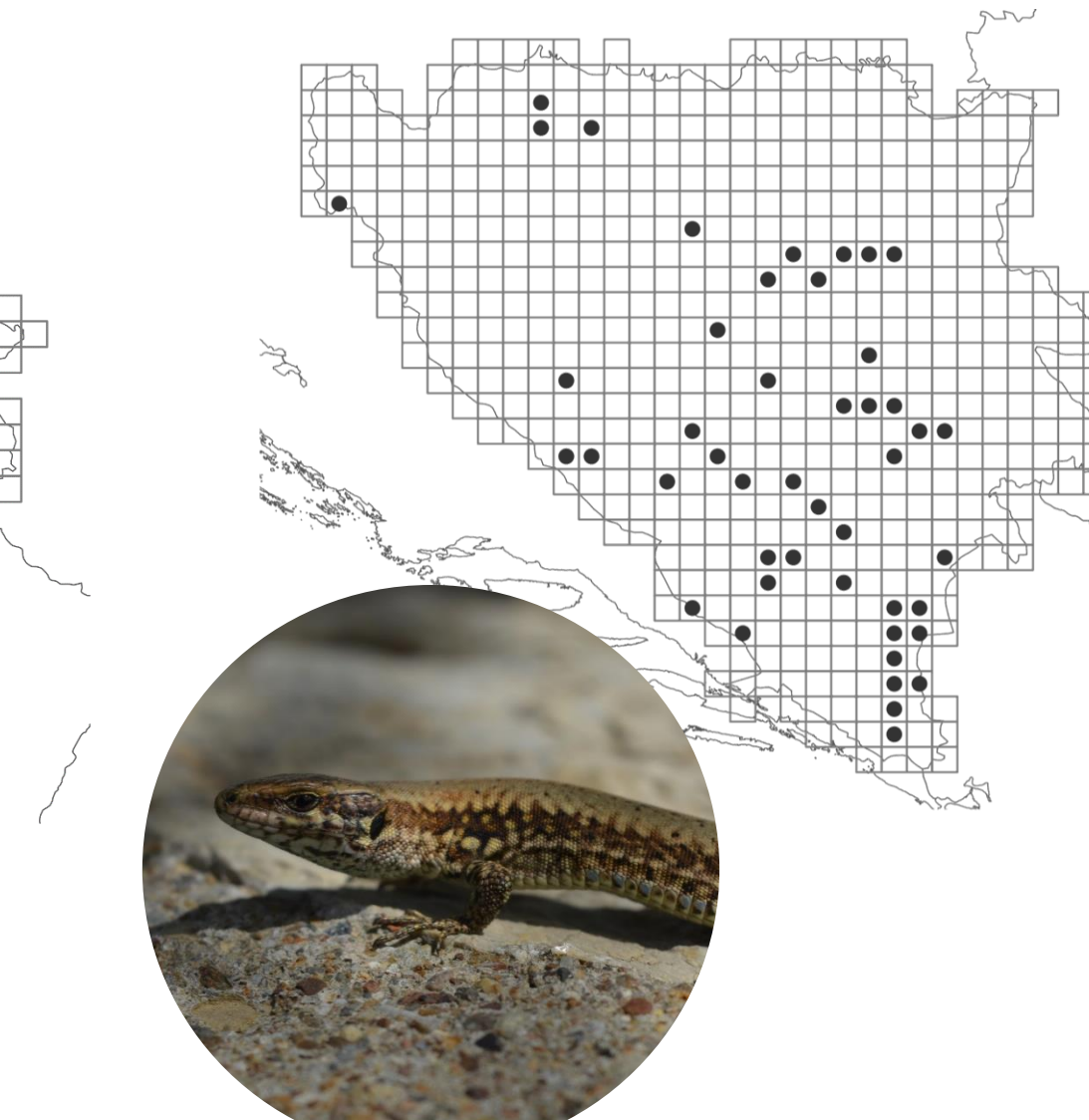
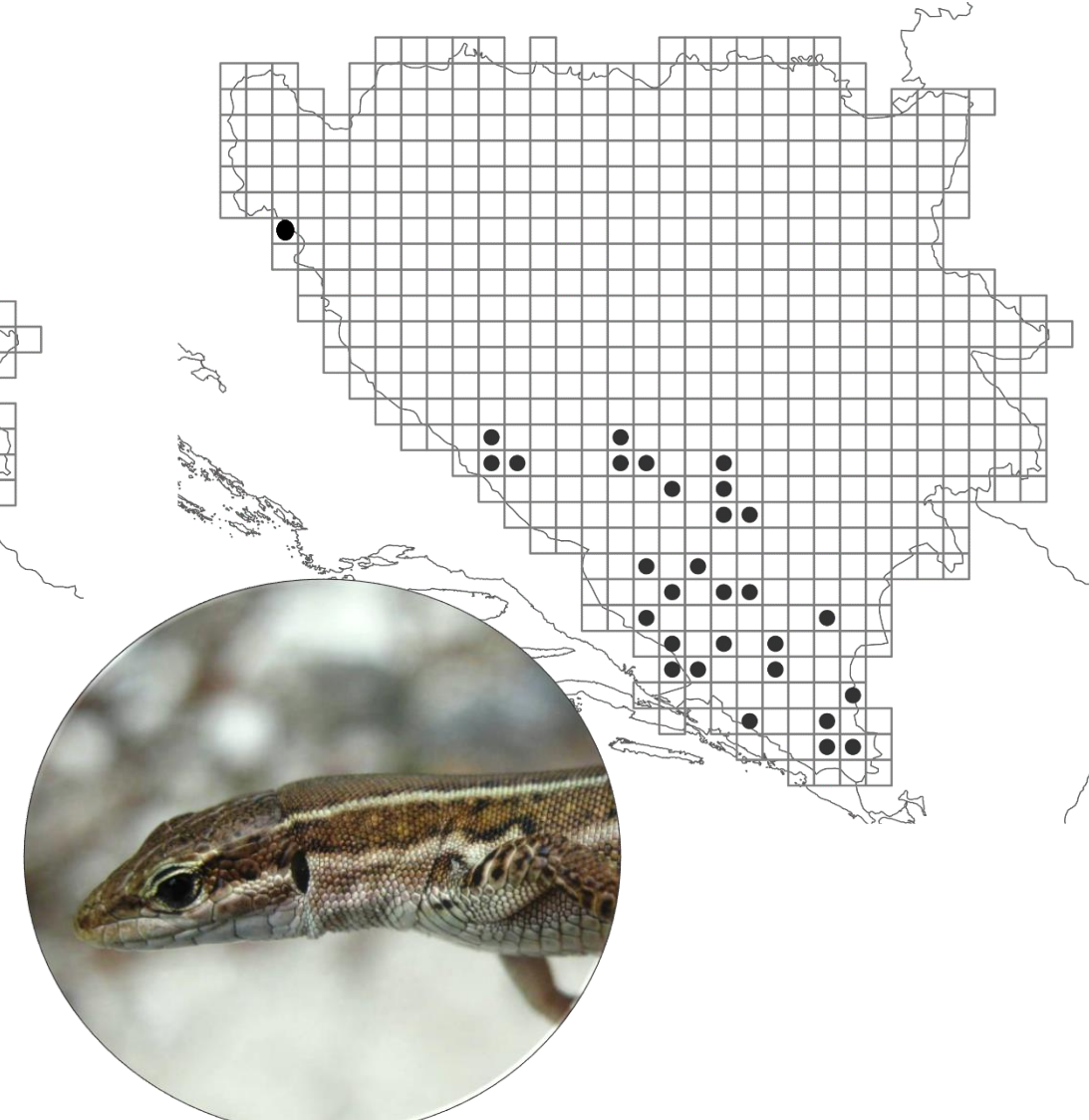
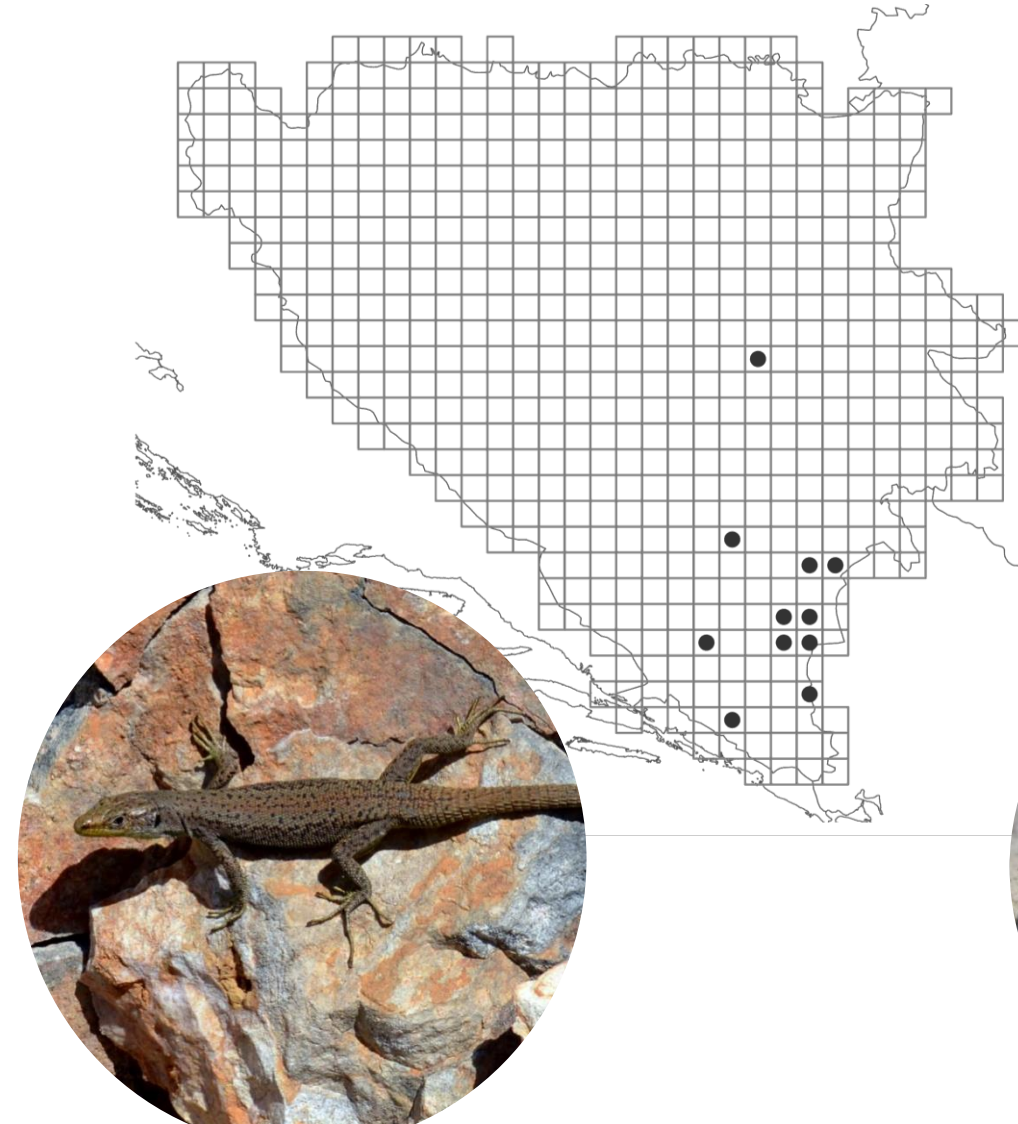
14. *Zootoca vivipara* Jacquin, 1787

15. *Podarcis melisellensis* (Braun, 1877)

16. *Podarcis muralis* (Laurenti, 1768)

17. *Ablepharus kitaibeli* Bibron & Bery de Saint-Vincent, 1833

18. *Hierophis gemonensis* (Laurenti, 1768)



19. *Dolichopsis caspius* (Gmelin, 1789)

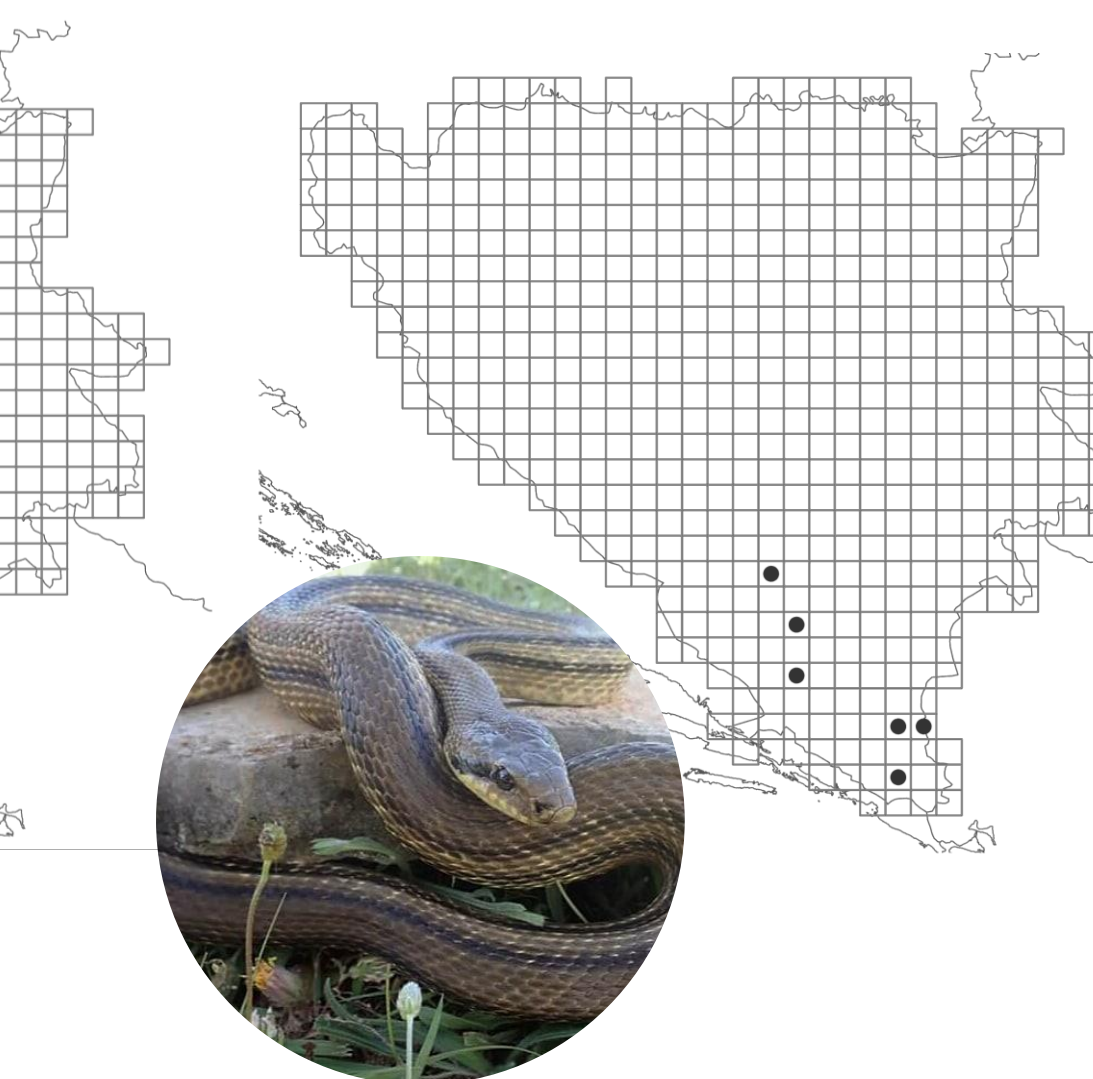
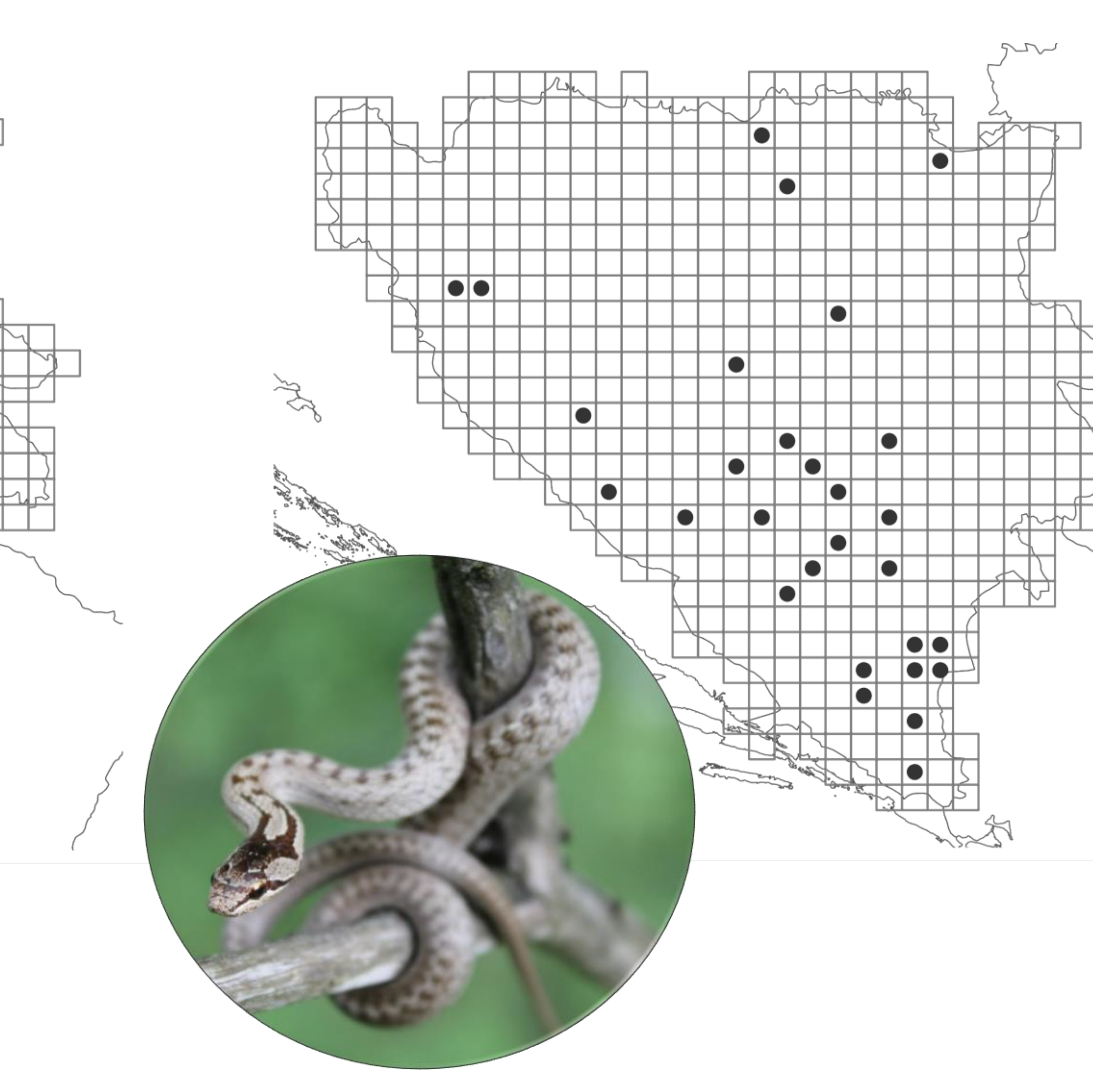
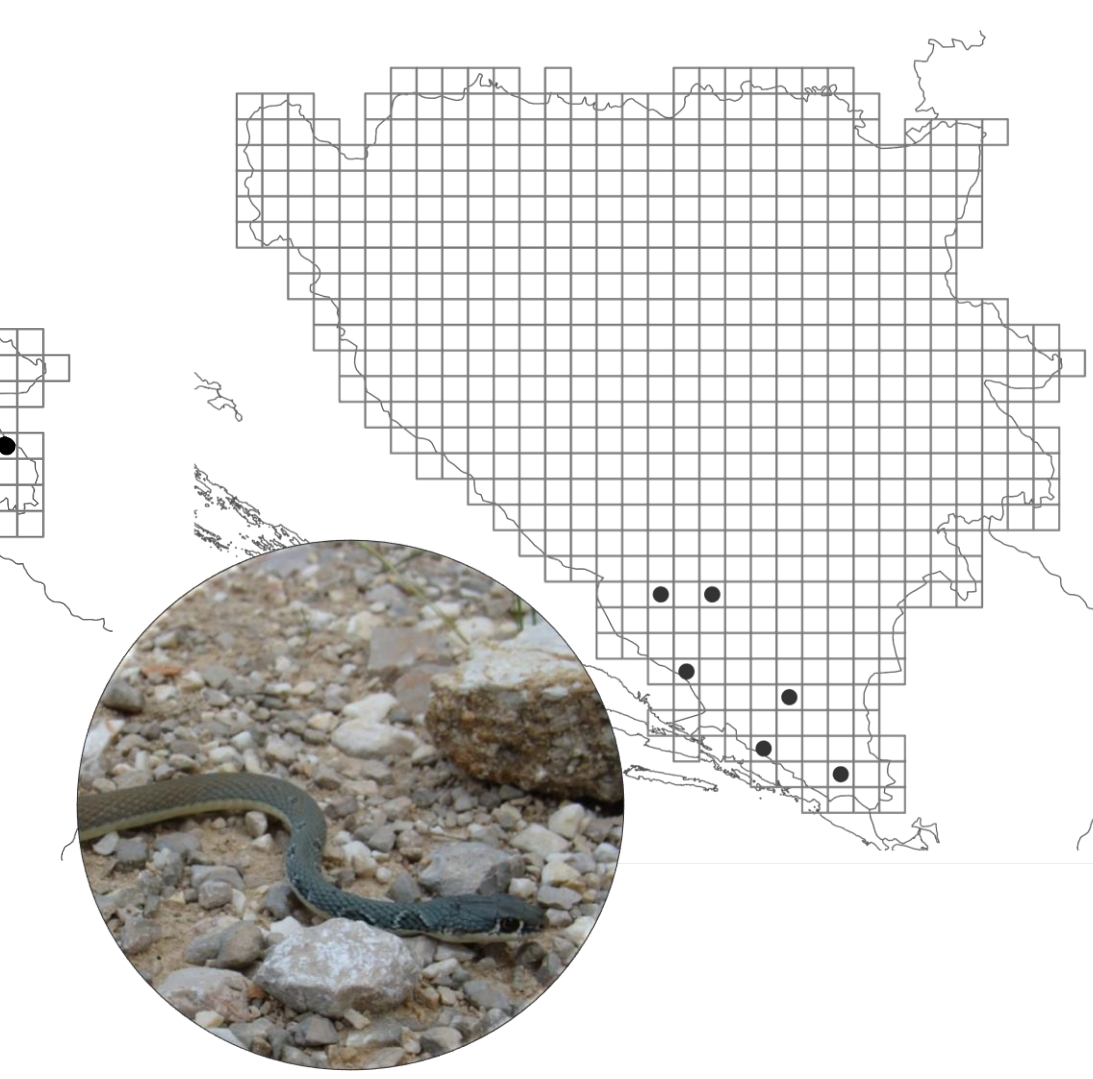
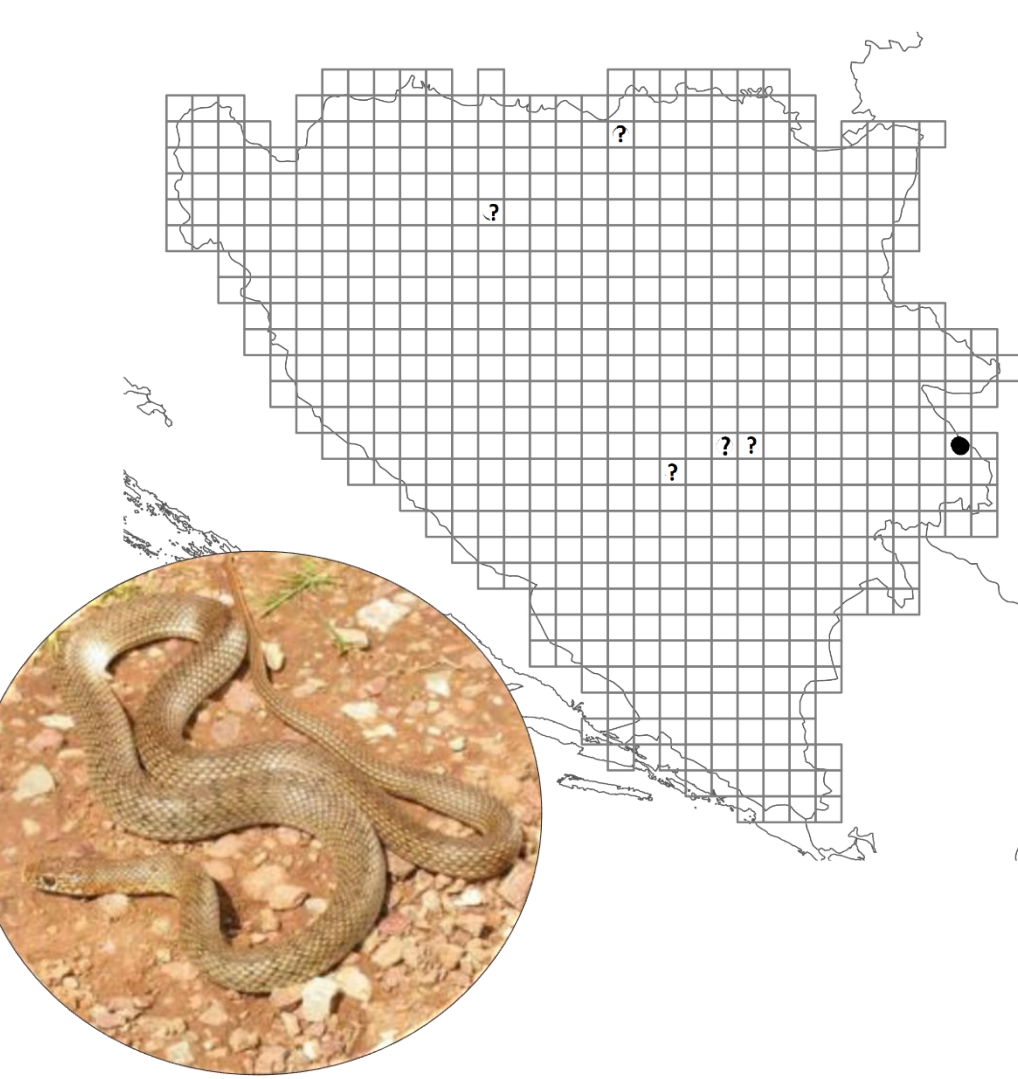
20. *Platyceps najadum* (Eichwald, 1831)

21. *Coronella austriaca* Laurenti, 1768

22. *Zamenis longissimus* (Laurenti, 1768)

23. *Zamenis situla* (Linnaeus, 1758)

24. *Elaphe quatuorlineata* (Lacepede, 1789)



25. *Telescopus fallax* (Fleischmann, 1831)

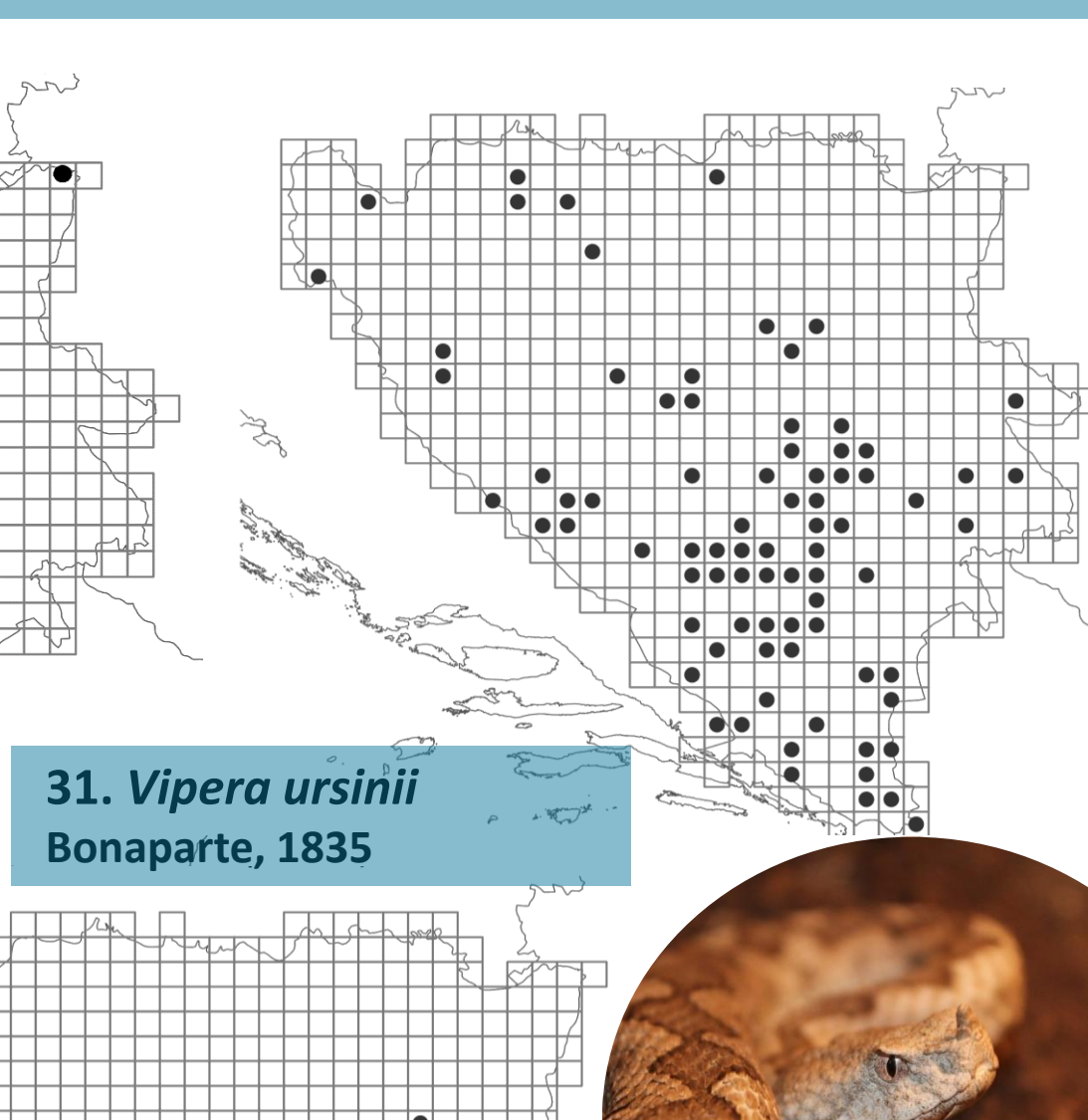
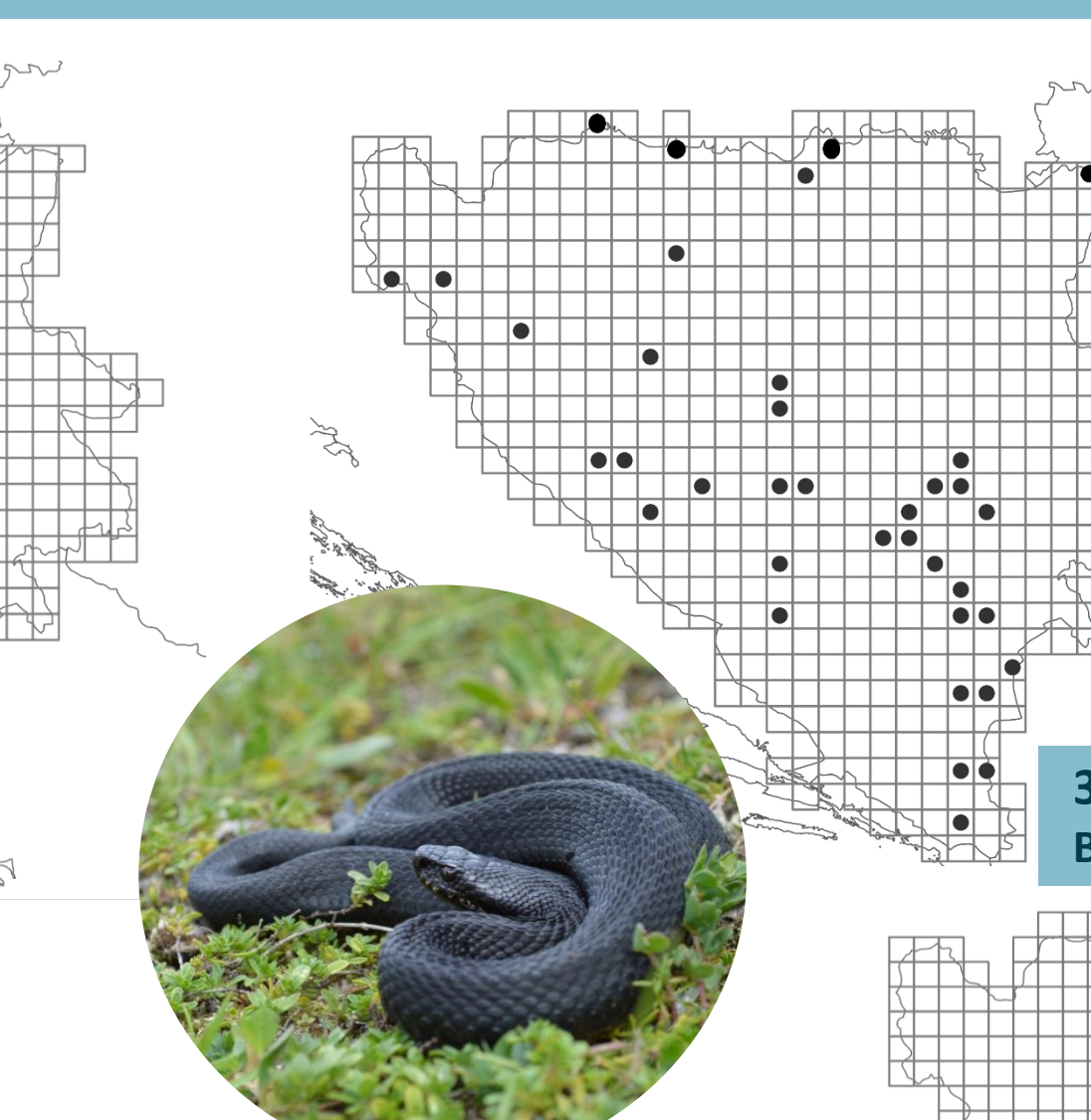
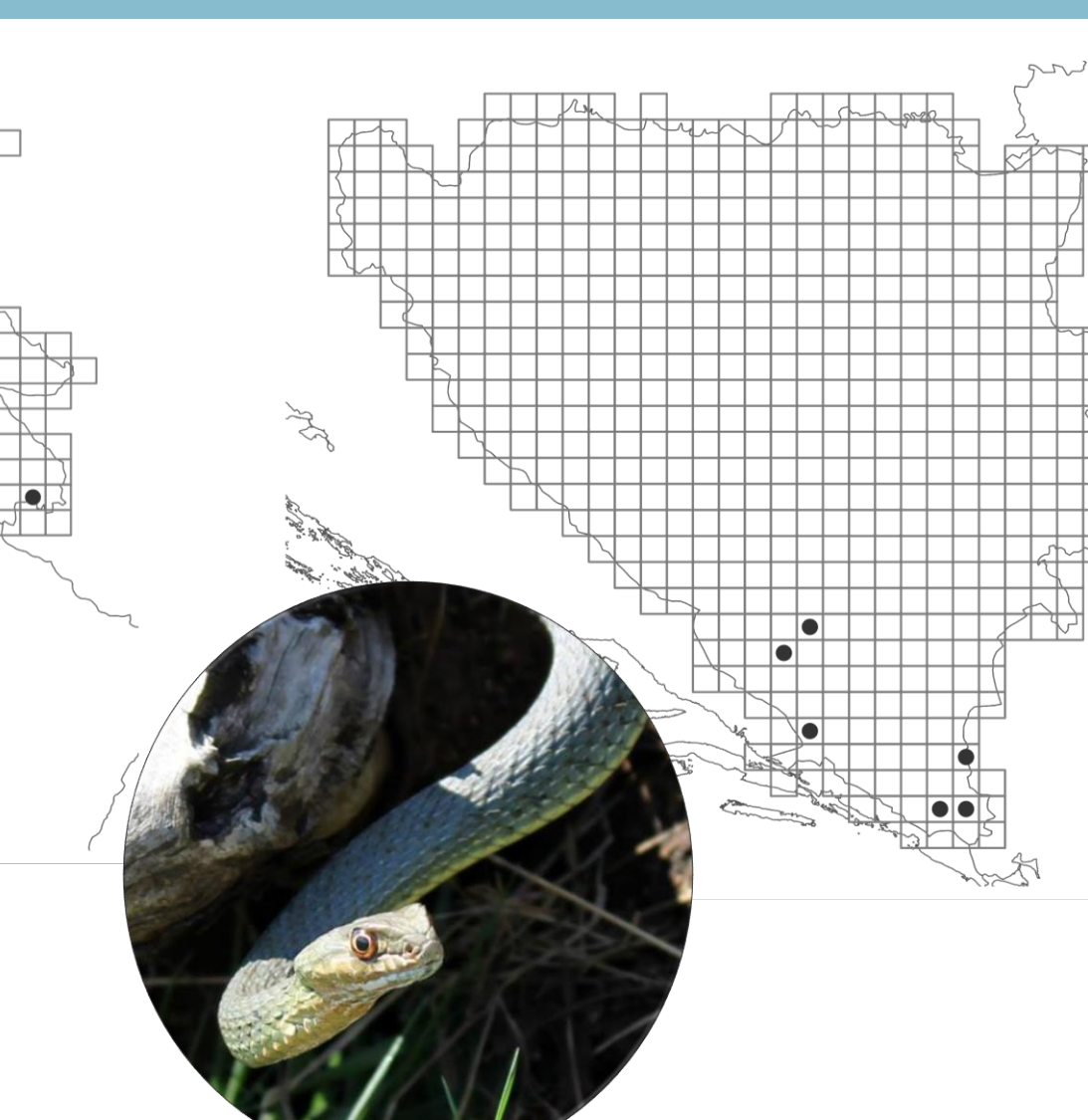
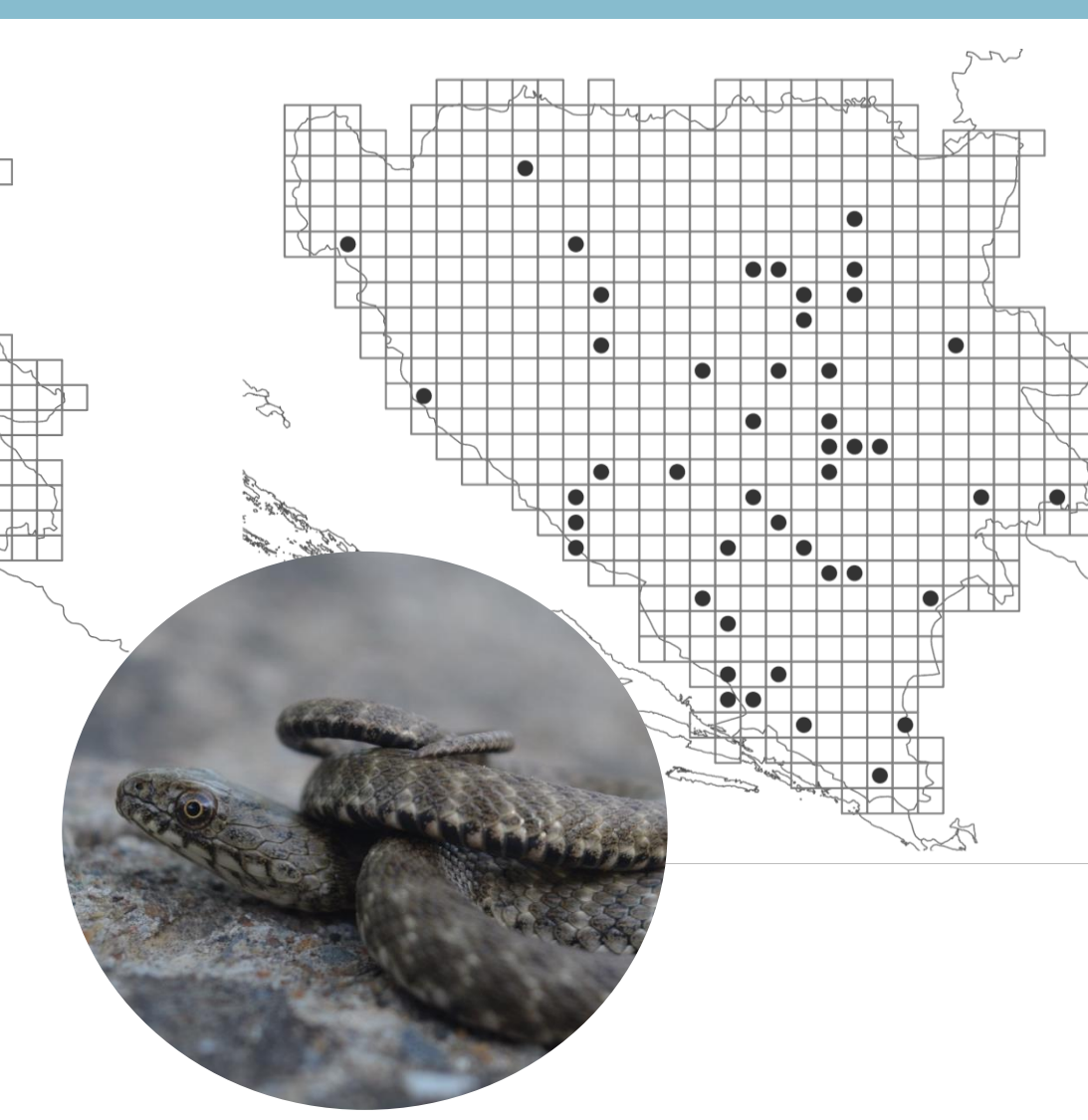
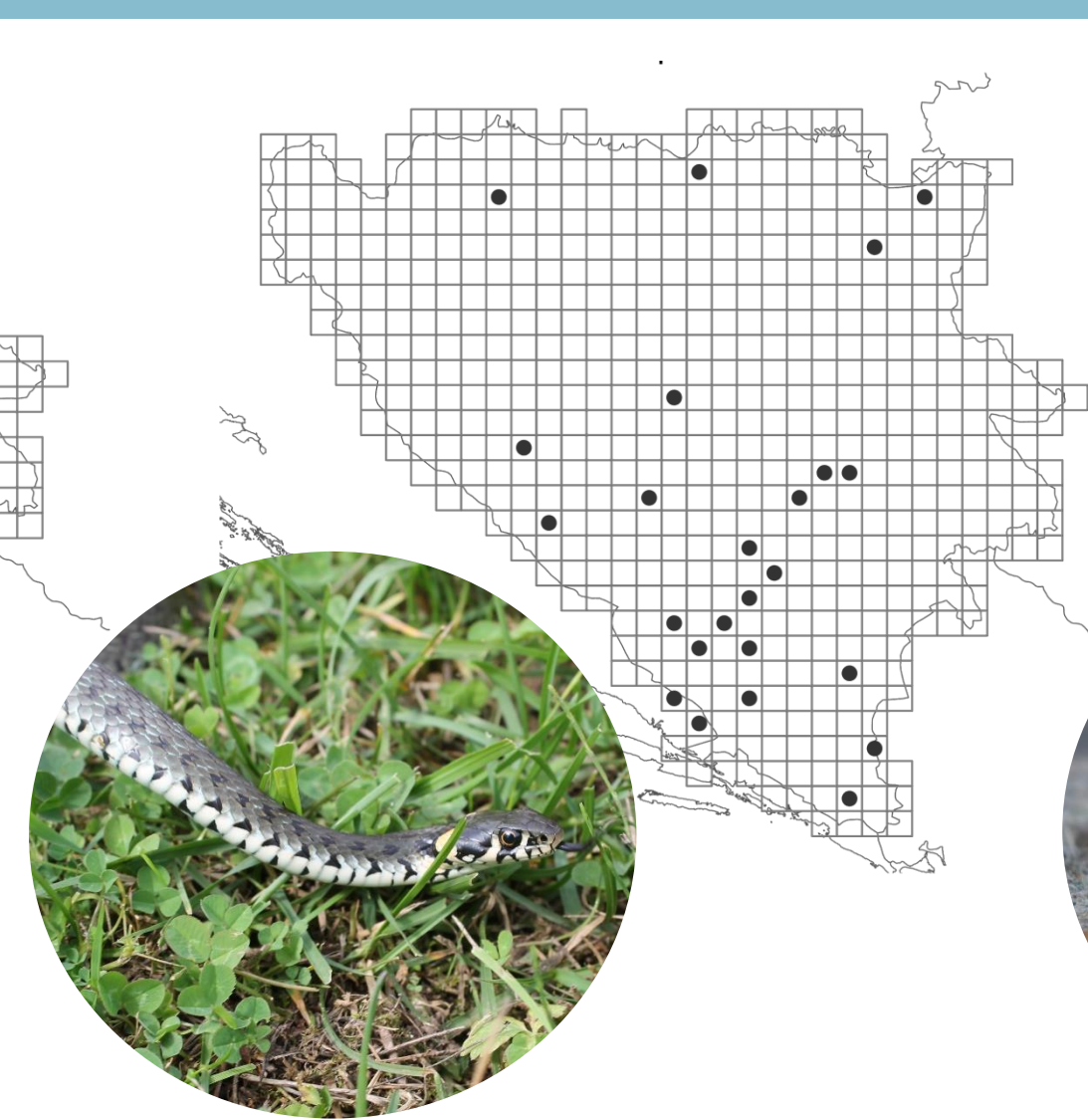
26. *Natrix natrix* (Linnaeus, 1758)

27. *Natrix tessellata* (Laurenti, 1768)

28. *Malpolon insignitus* (Geoffroy De St-hilare, 1827)

29. *Vipera berus* (Linnaeus, 1758)

30. *Vipera ammodytes* (Linnaeus, 1758)



31. *Vipera ursinii* Bonaparte, 1835

