

Supplementary data 1

Data produced from:

Calderón-Sanou *et al.* An Integrated Assessment of European Soil Health and Restoration potential.

File content :

Maps of the spatial distribution of the indicators of functional diversity (Fig. S1- Fig. S23, including maps of the overall diversity of each kingdom of life) and ecosystem functions (Fig. S24 – Fig. S30) for both the current status and the undisturbed reference status.

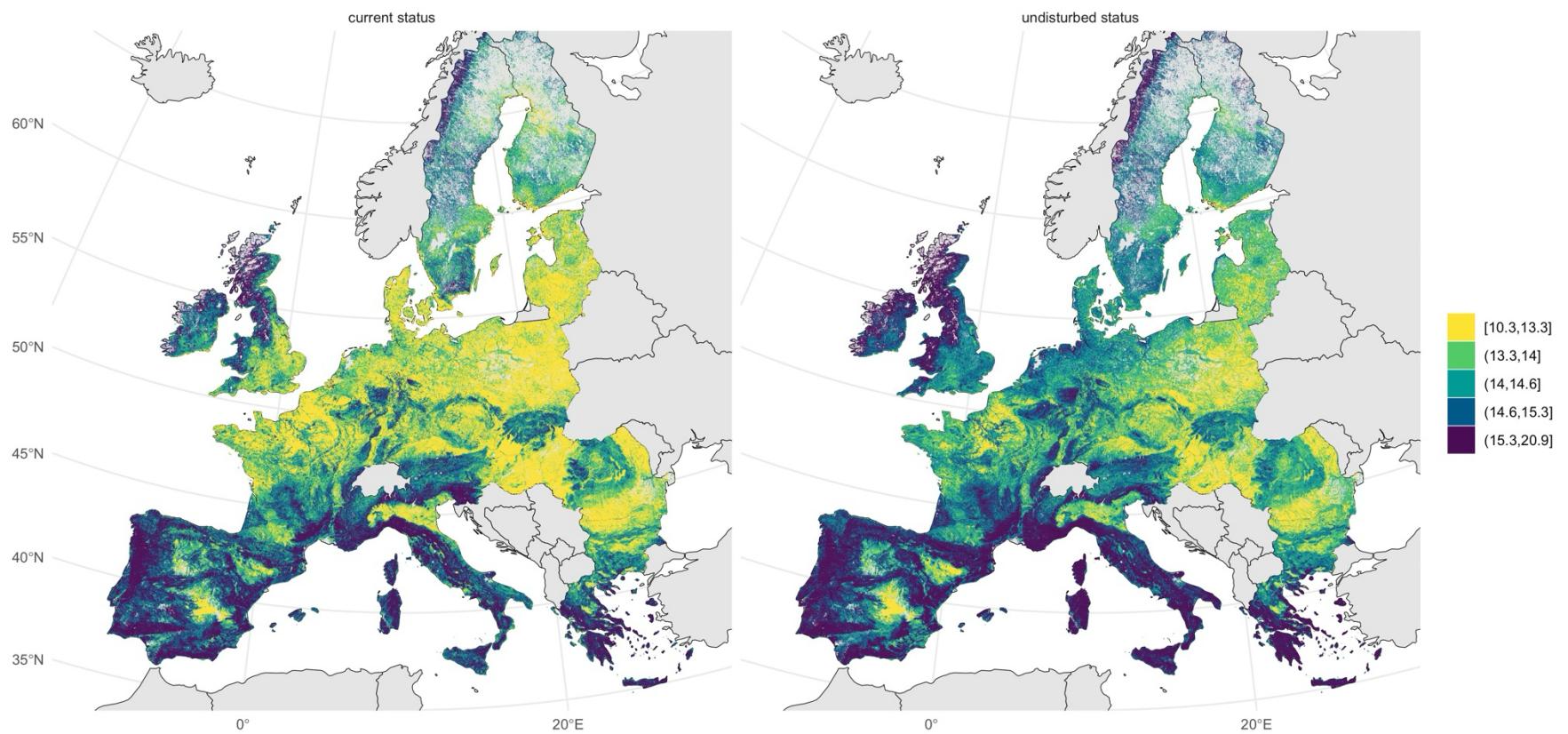


Figure S1. Spatial distribution of Metazoa diversity in Europe for the current status (right panel) and the undisturbed reference status (left panel).

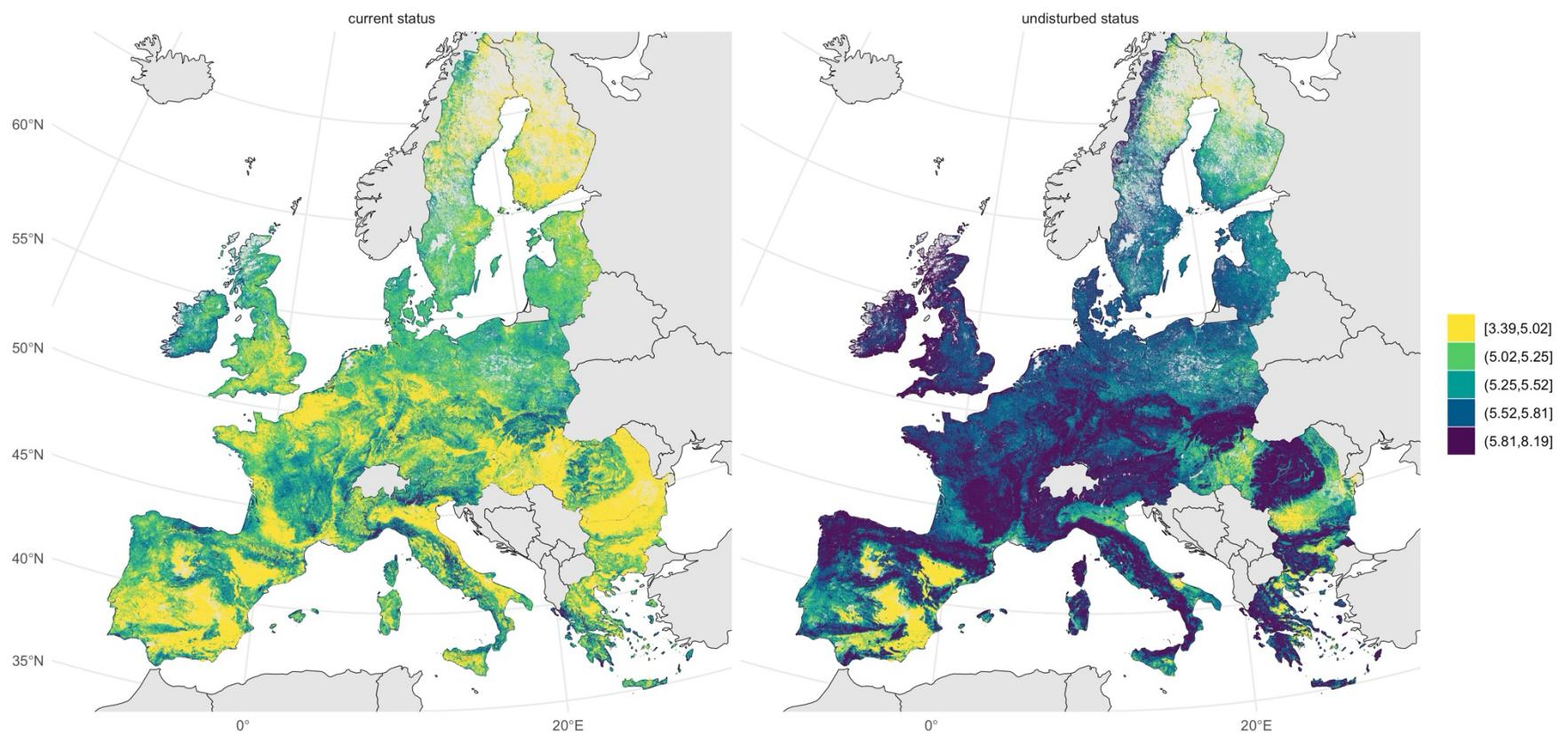


Figure S2. Spatial distribution of the diversity of nematodes bacterivores in Europe for the current status (right panel) and the undisturbed reference status (left panel).

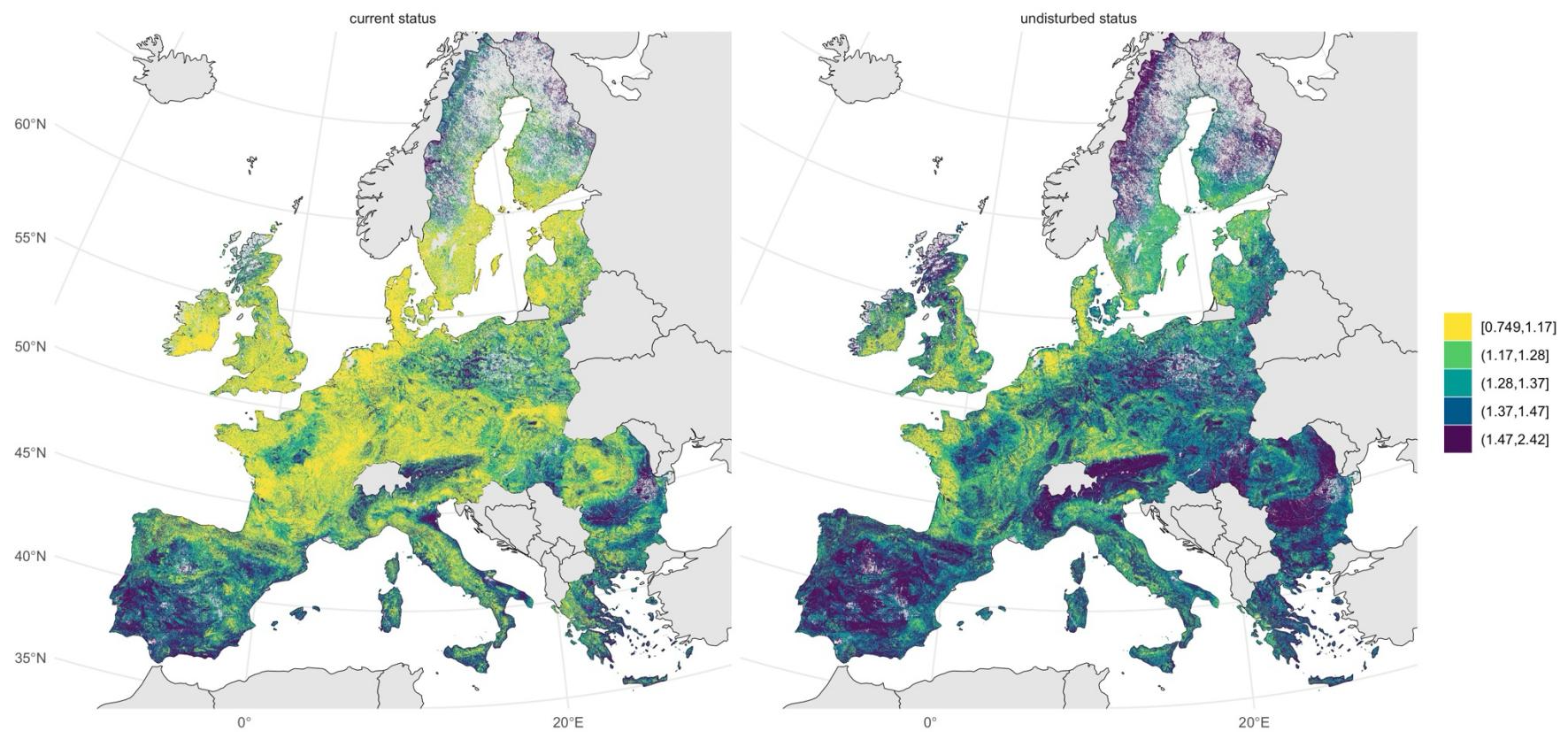


Figure S3. Spatial distribution of the diversity of nematodes fungivores in Europe for the current status (right panel) and the undisturbed reference status (left panel).

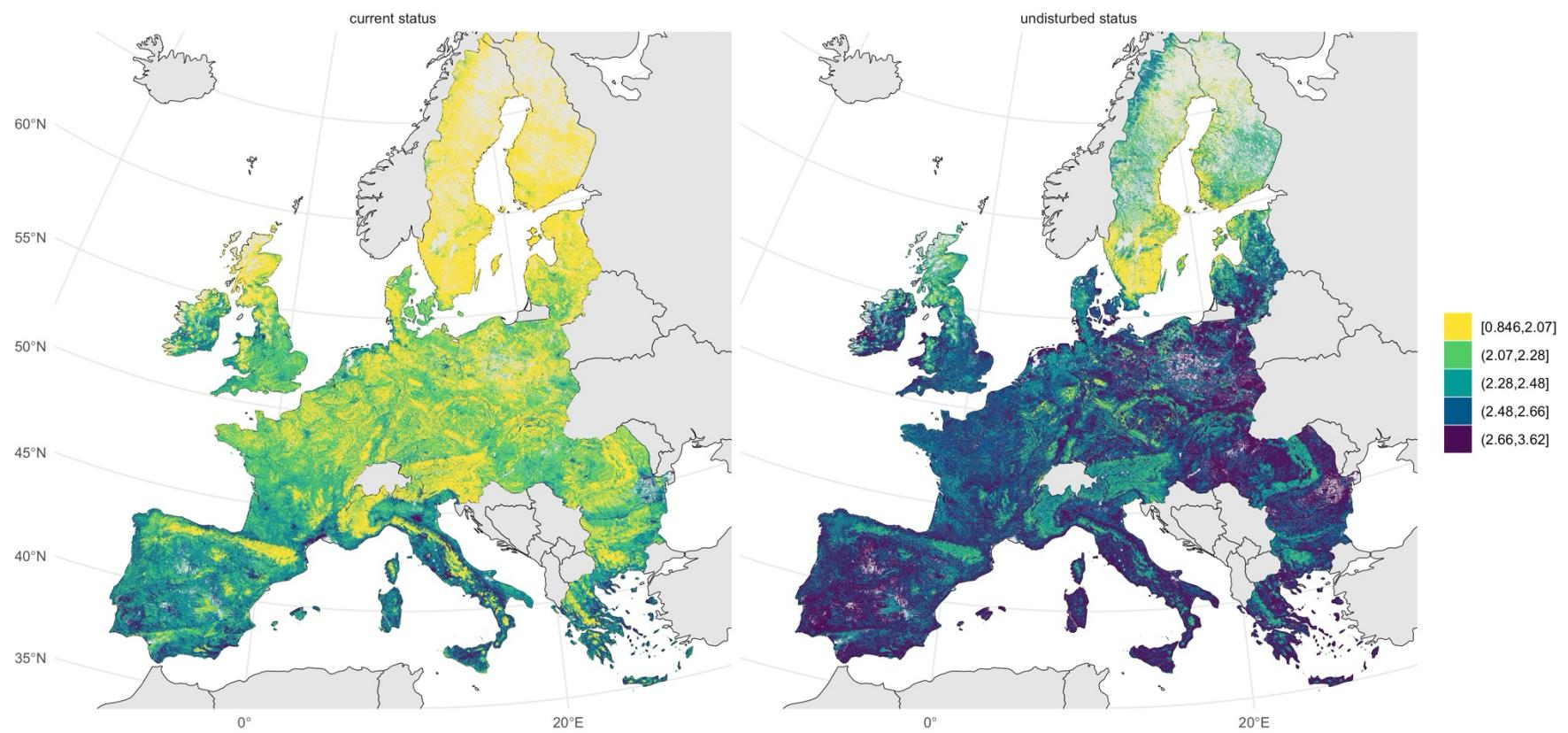


Figure S4. Spatial distribution of the diversity of nematodes herbivores in Europe for the current status (right panel) and the undisturbed reference status (left panel).

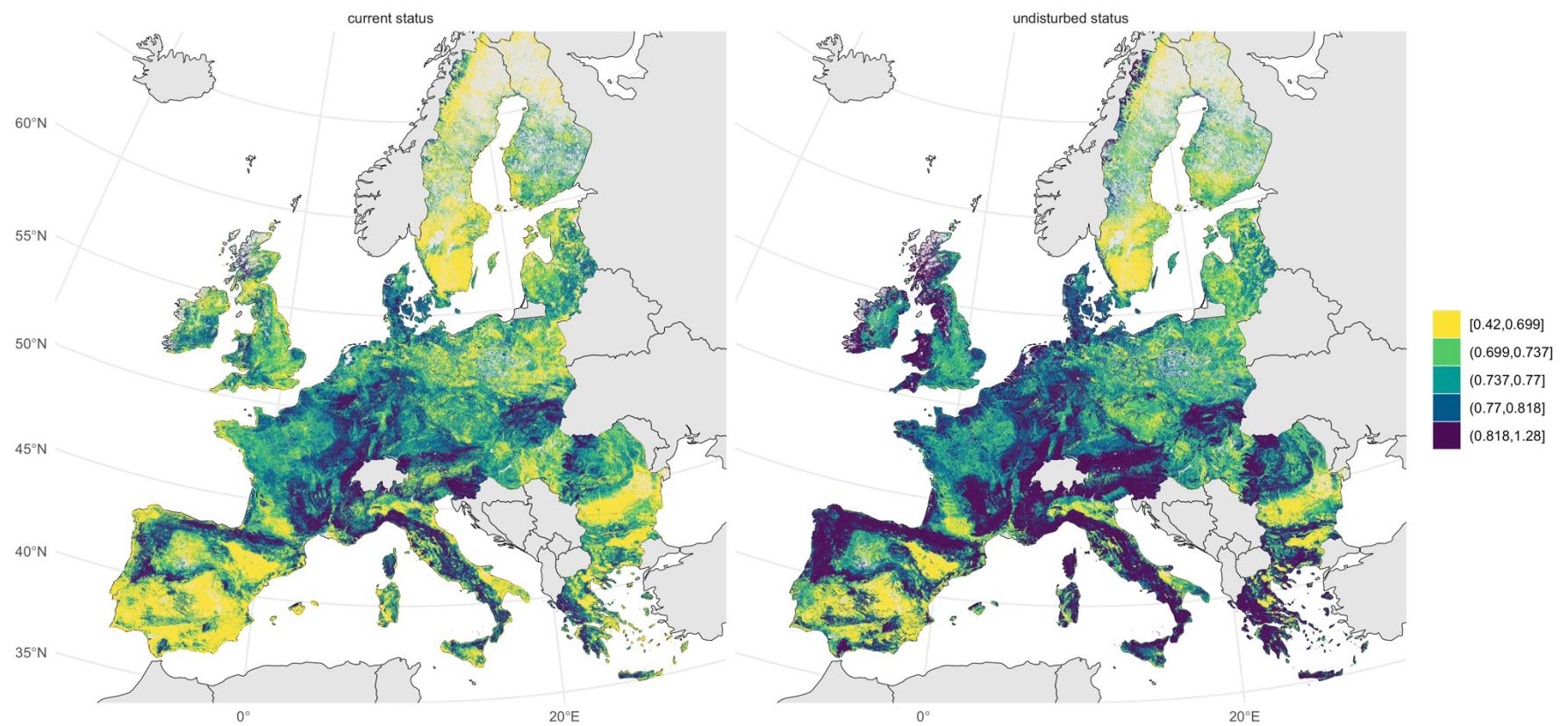


Figure S5. Spatial distribution of the diversity of nematodes predators in Europe for the current status (right panel) and the undisturbed reference status (left panel).

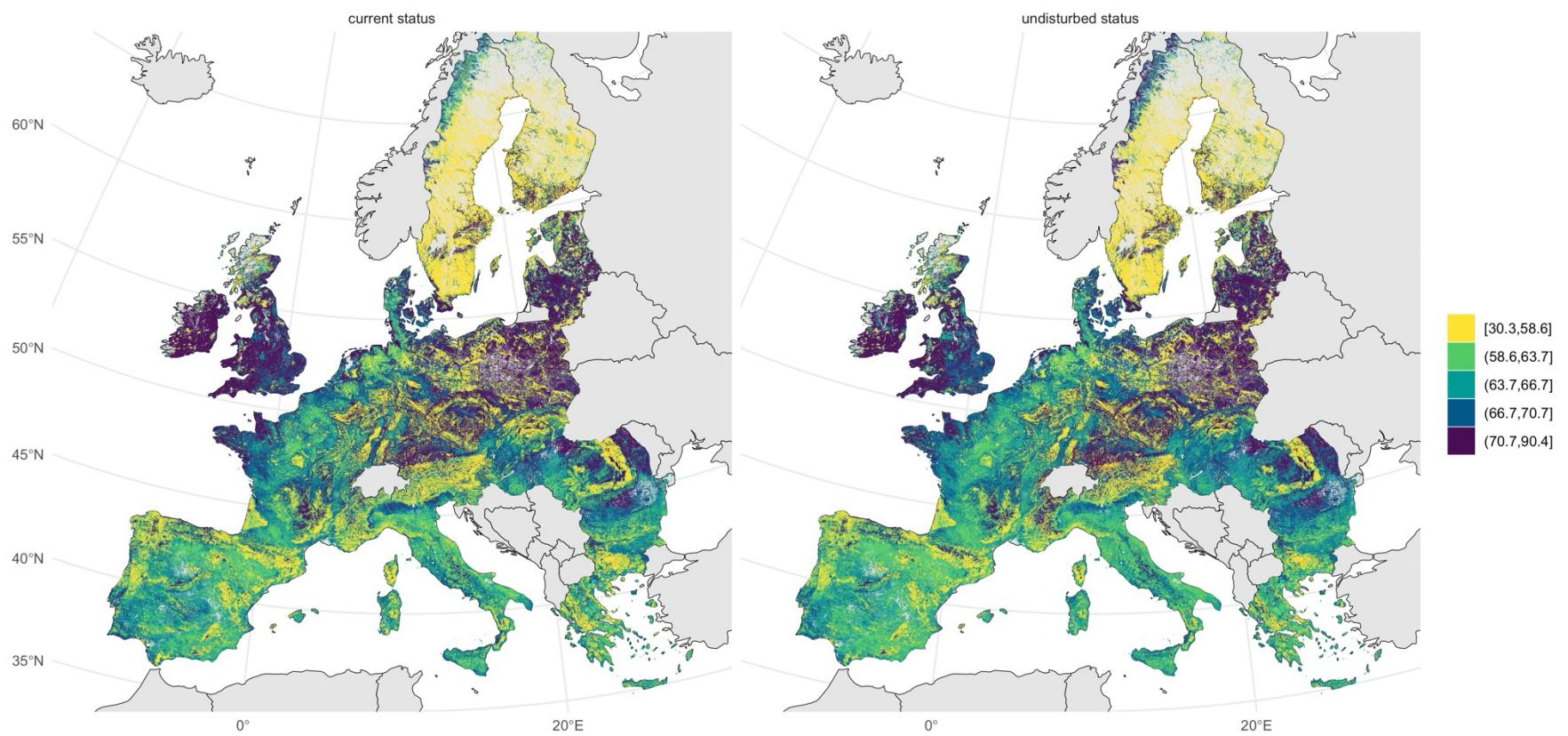


Figure S6. Spatial distribution of the diversity of Fungi in Europe for the current status (right panel) and the undisturbed reference status (left panel).

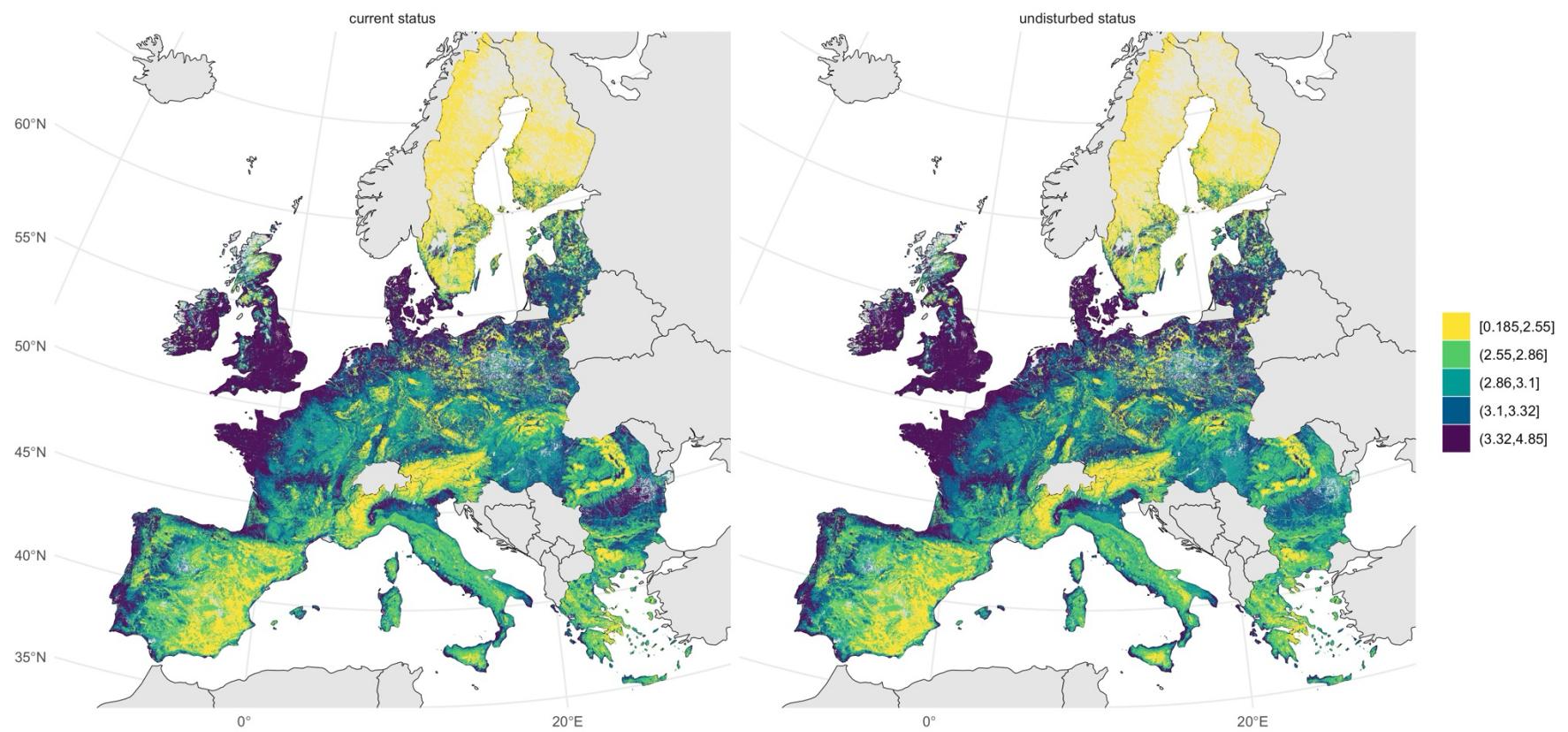


Figure S7. Spatial distribution of the diversity of animal parasitic fungi in Europe for the current status (right panel) and the undisturbed reference status (left panel).

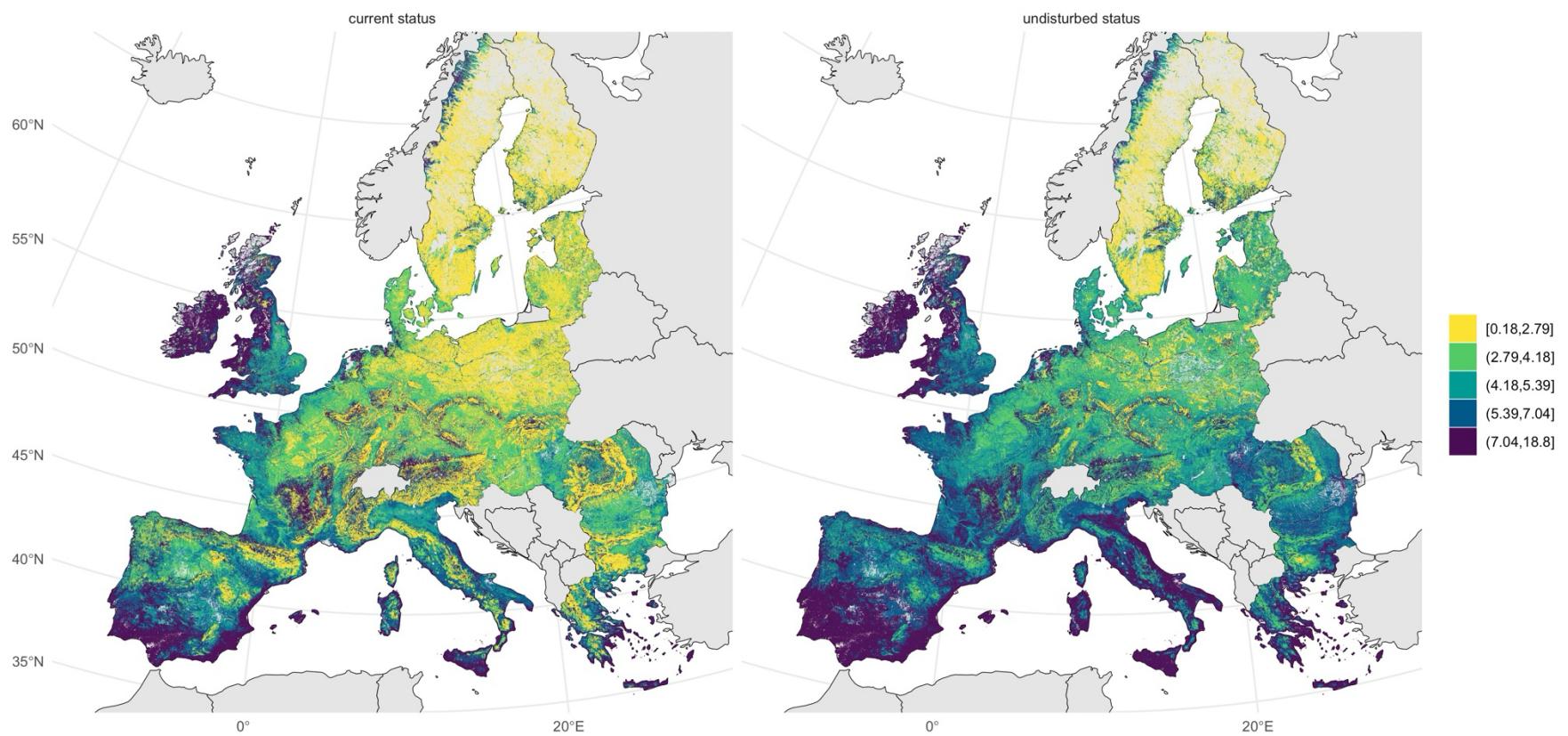


Figure S8. Spatial distribution of the diversity of arbuscular mycorrhizal fungi in Europe for the current status (right panel) and the undisturbed reference status (left panel).

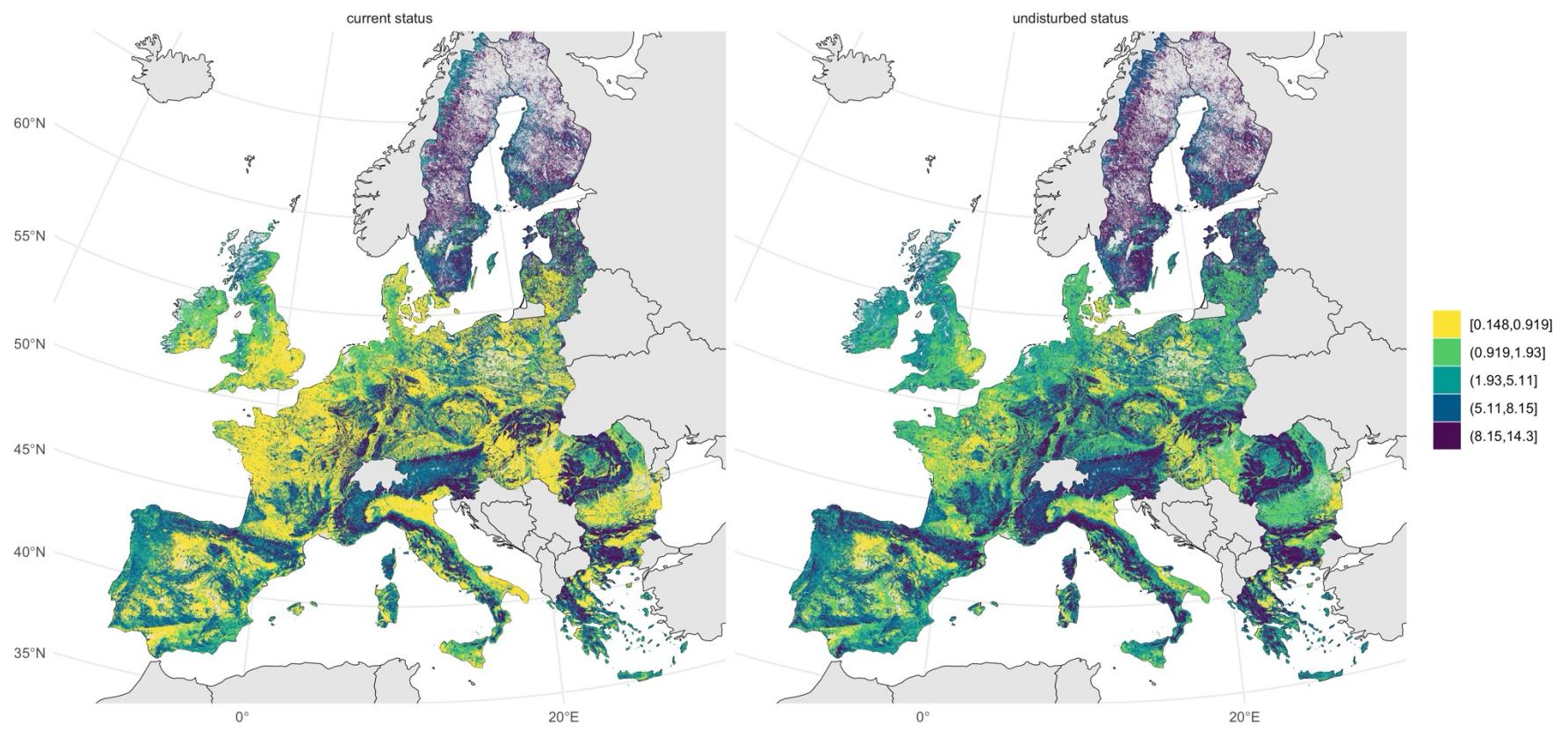


Figure S9. Spatial distribution of the diversity of ectomycorrhizal fungi in Europe for the current status (right panel) and the undisturbed reference status (left panel).

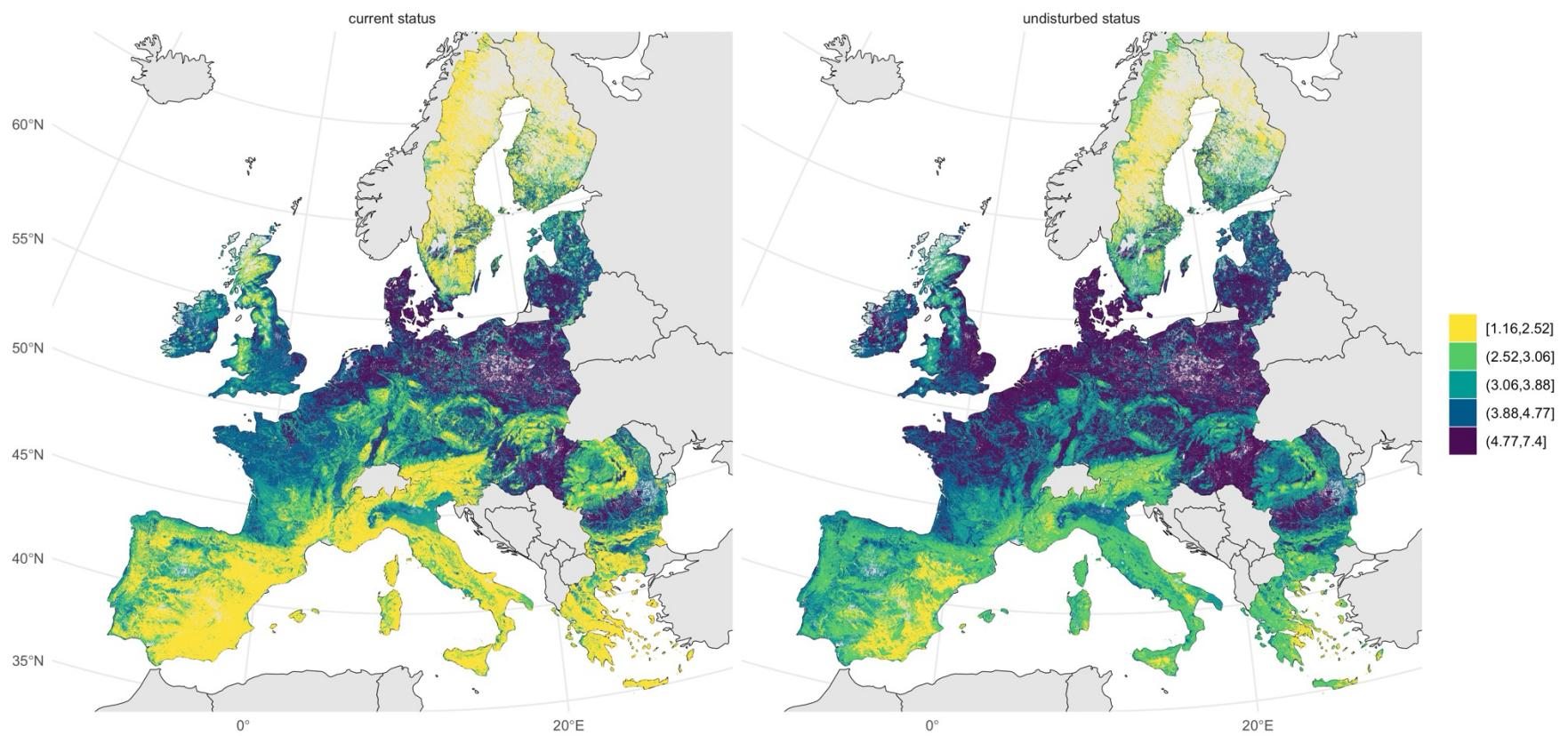


Figure S10. Spatial distribution of the diversity of mycoparasitic fungi in Europe for the current status (right panel) and the undisturbed reference status (left panel).

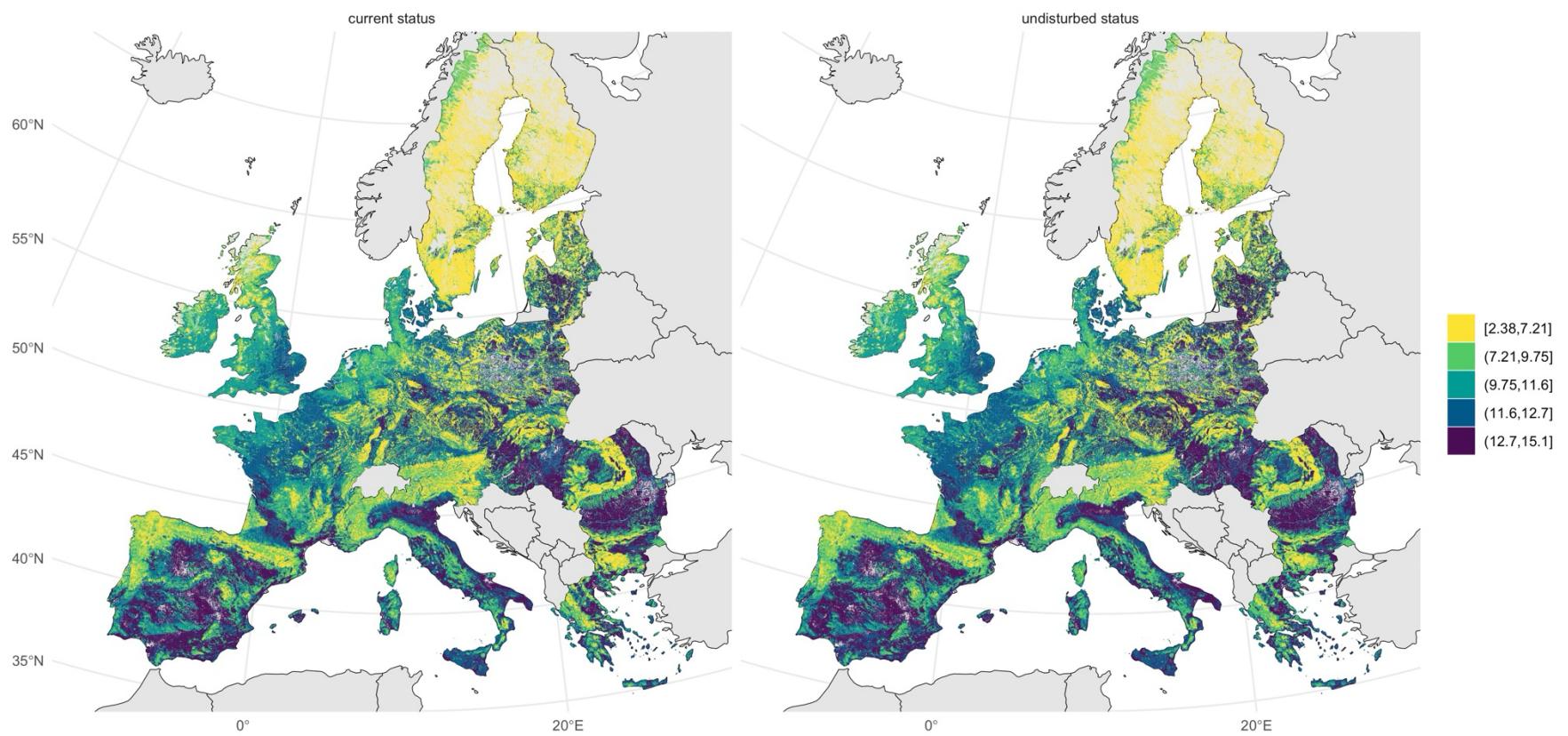


Figure S11. Spatial distribution of the diversity of plant pathogenic fungi in Europe for the current status (right panel) and the undisturbed reference status (left panel).

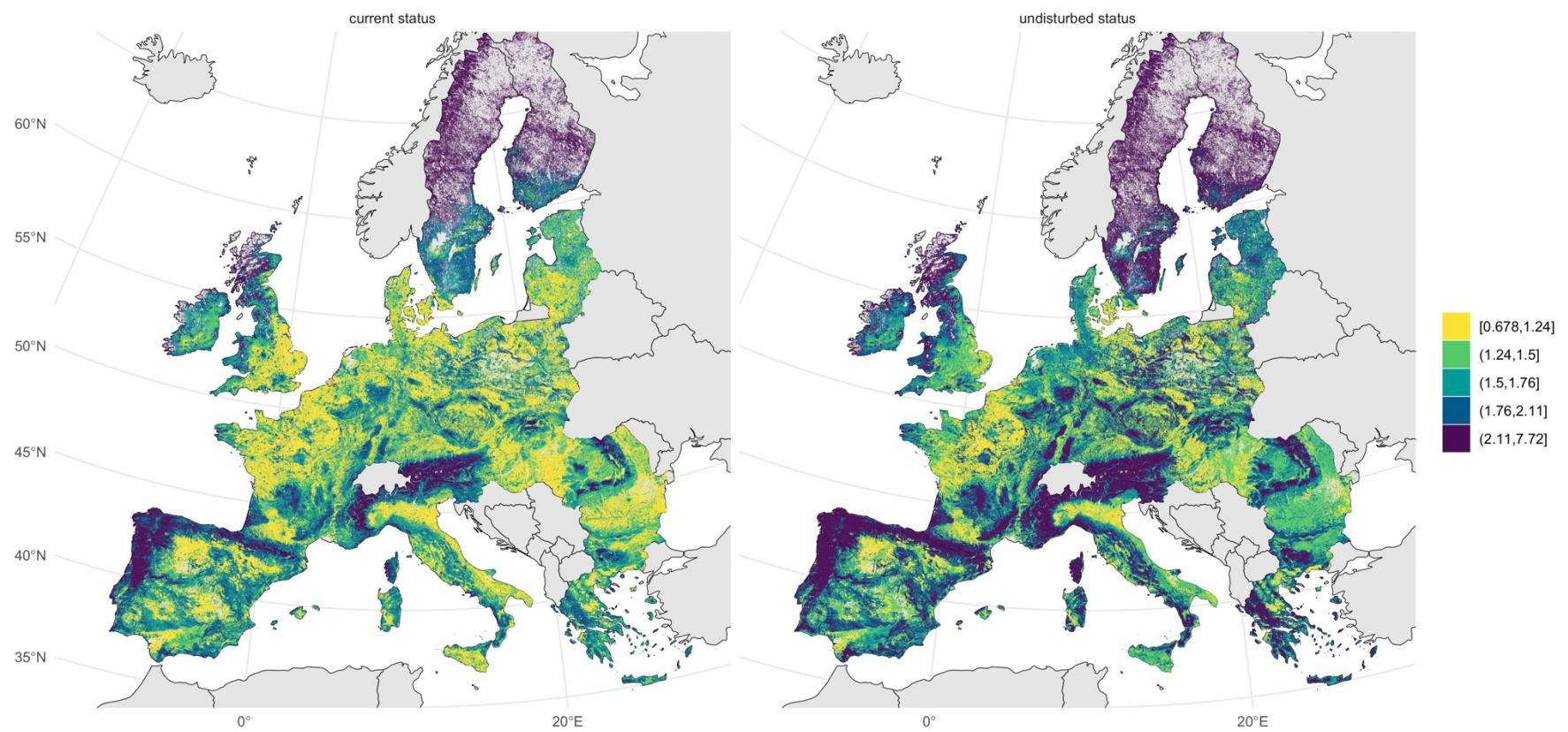


Figure S12. Spatial distribution of the diversity of root endophytic fungi in Europe for the current status (right panel) and the undisturbed reference status (left panel).

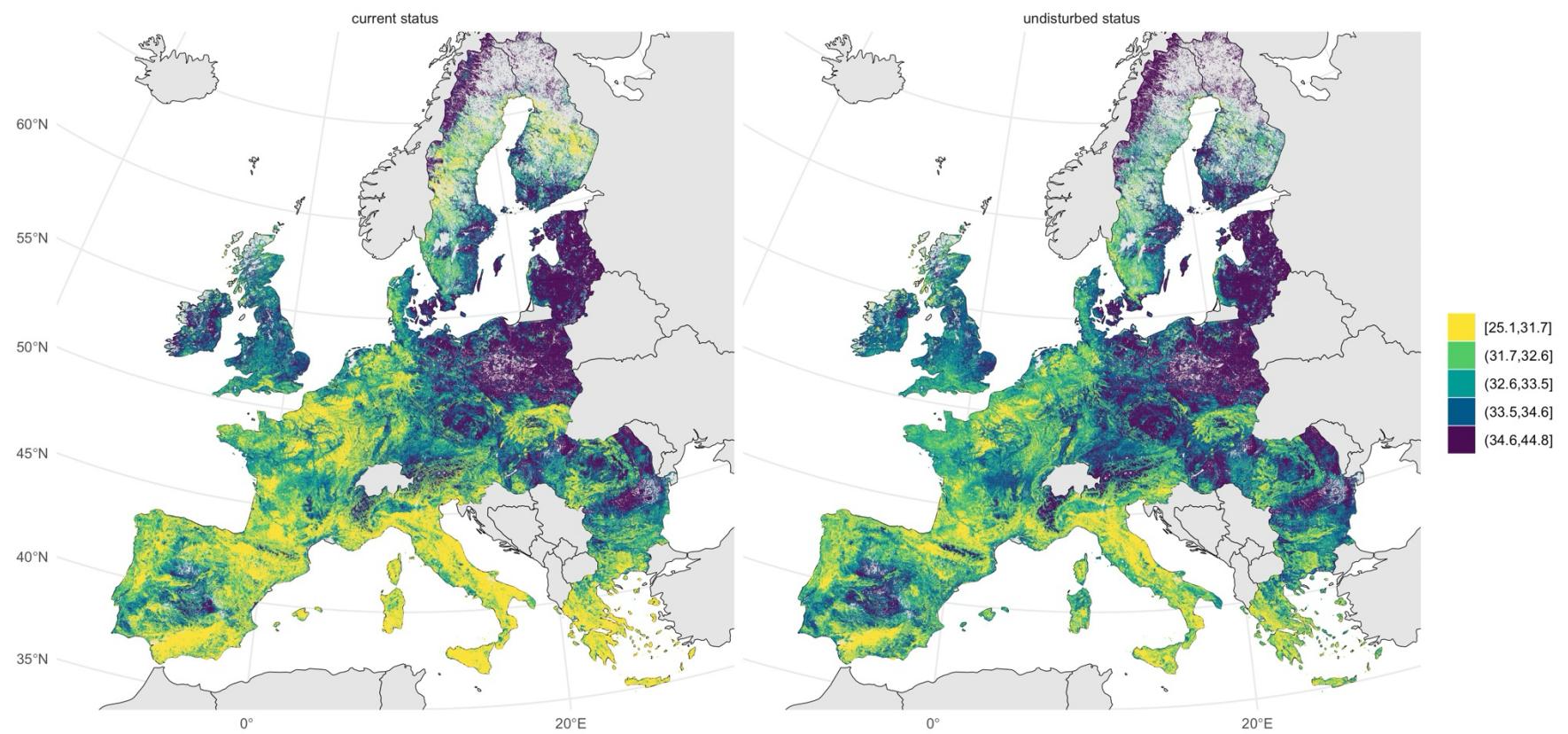


Figure S13. Spatial distribution of the diversity of saprotrophic fungi in Europe for the current status (right panel) and the undisturbed reference status (left panel).

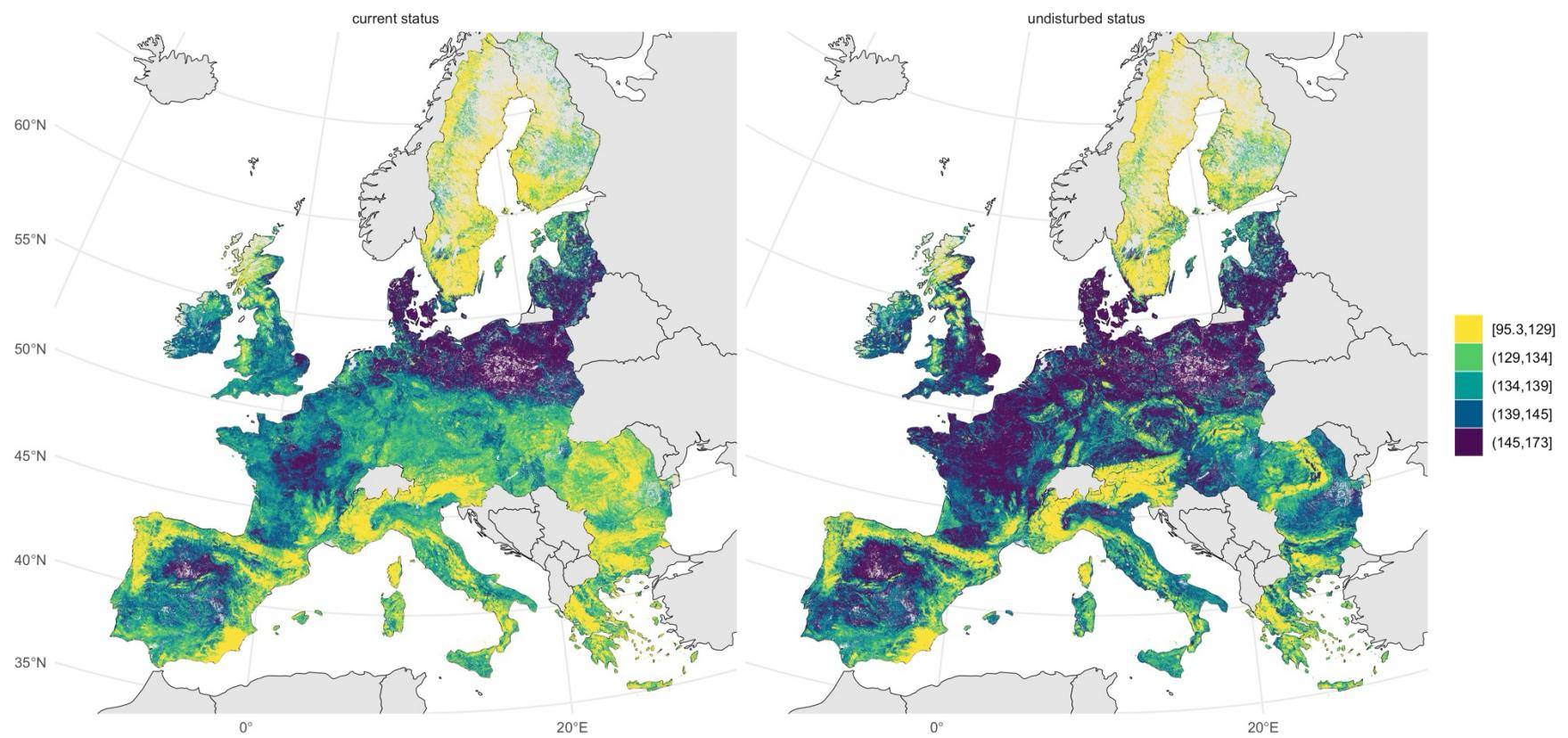


Figure S14. Spatial distribution of the diversity of Protists in Europe for the current status (right panel) and the undisturbed reference status (left panel).

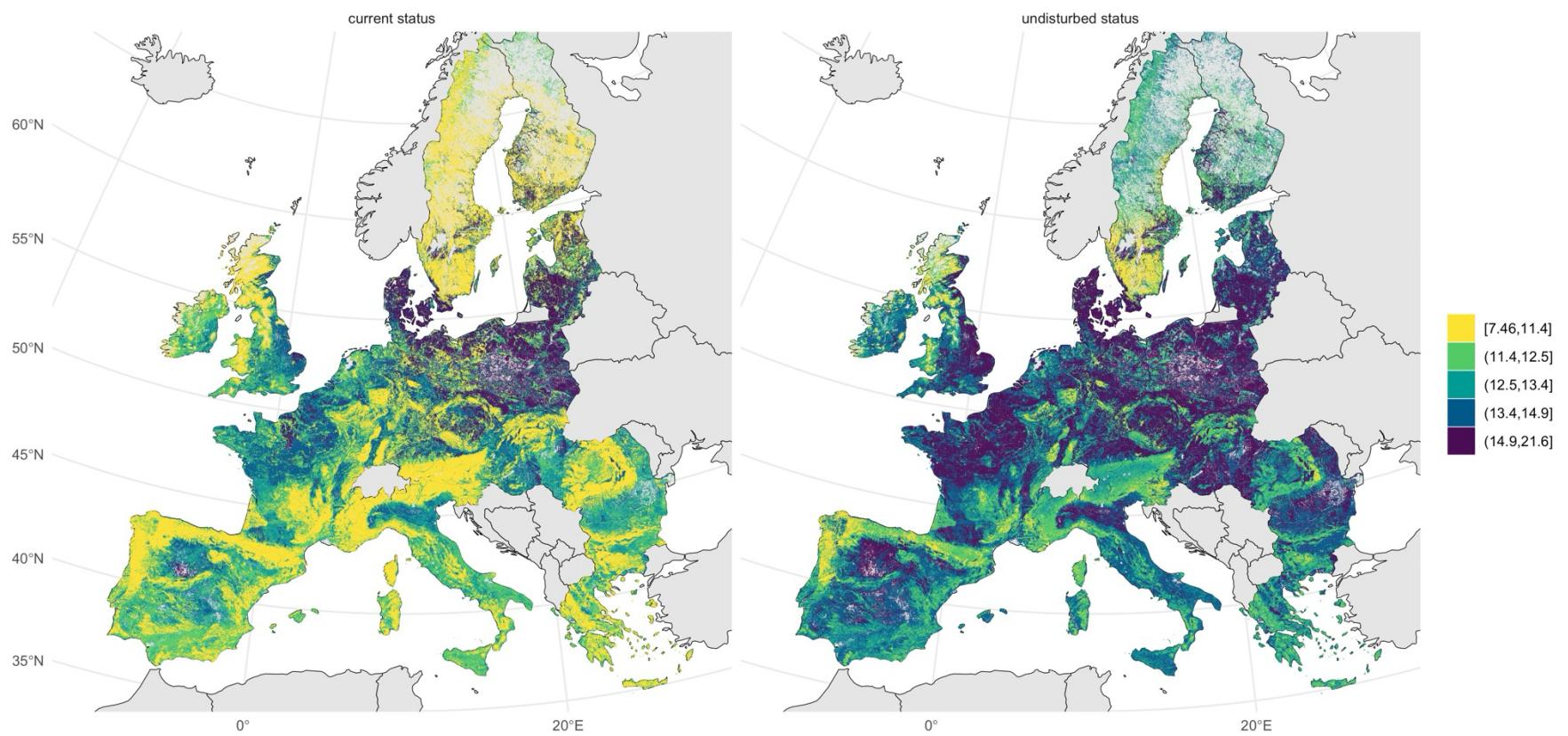


Figure S15. Spatial distribution of the diversity of photoautotrophic protists in Europe for the current status (right panel) and the undisturbed reference status (left panel).

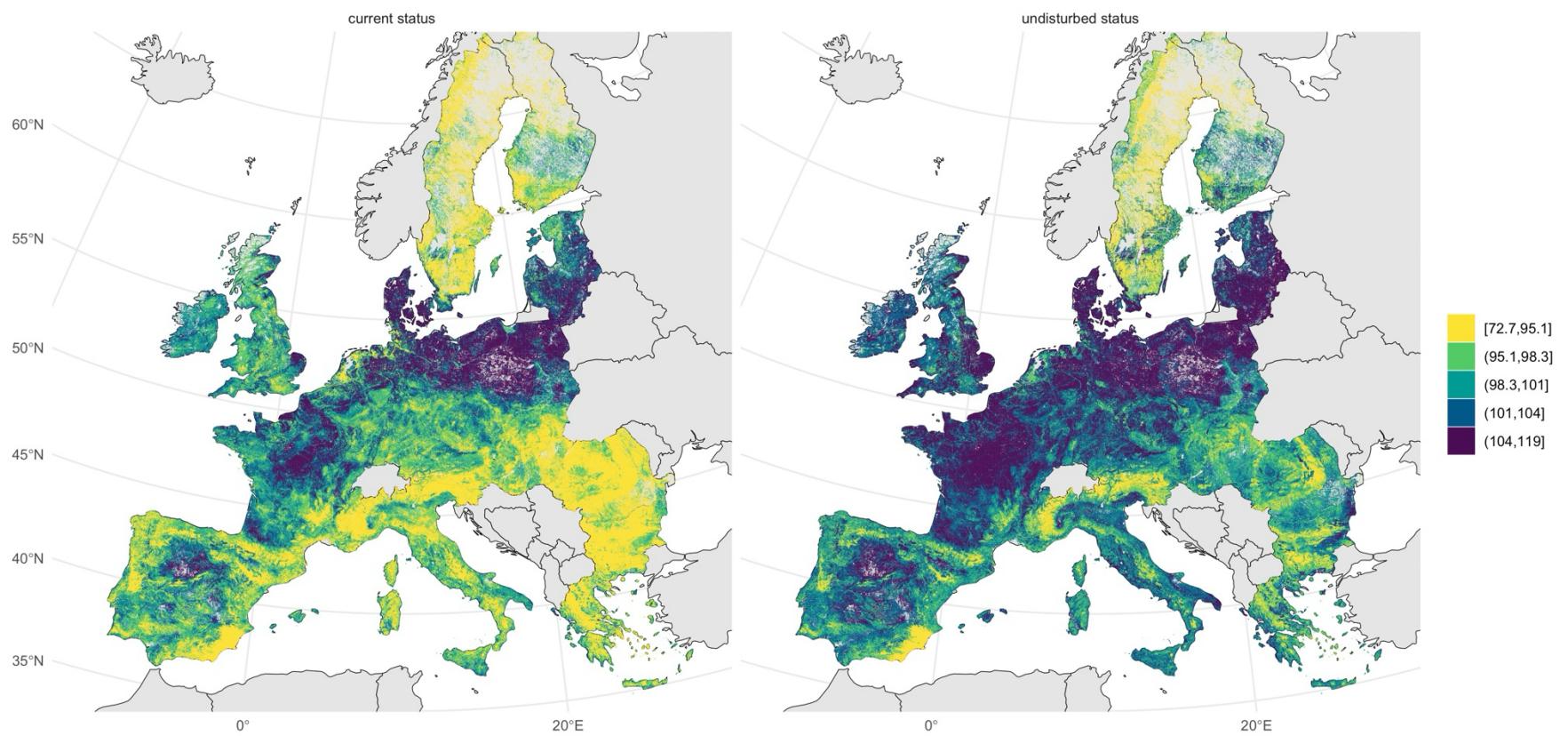


Figure S16. Spatial distribution of the diversity of microbivorous protists in Europe for the current status (right panel) and the undisturbed reference status (left panel).

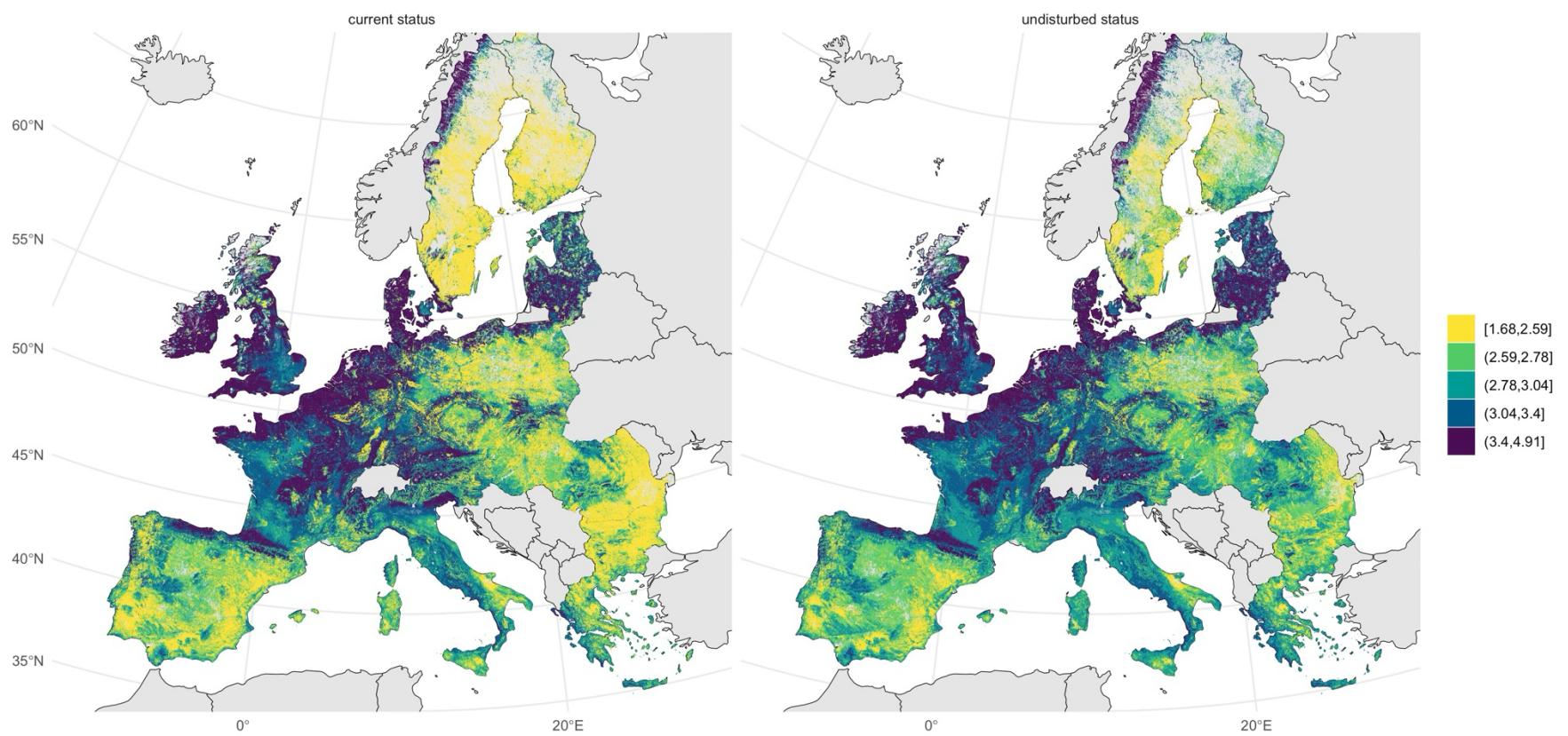


Figure S17. Spatial distribution of the diversity of plant pathogenic protists in Europe for the current status (right panel) and the undisturbed reference status (left panel).

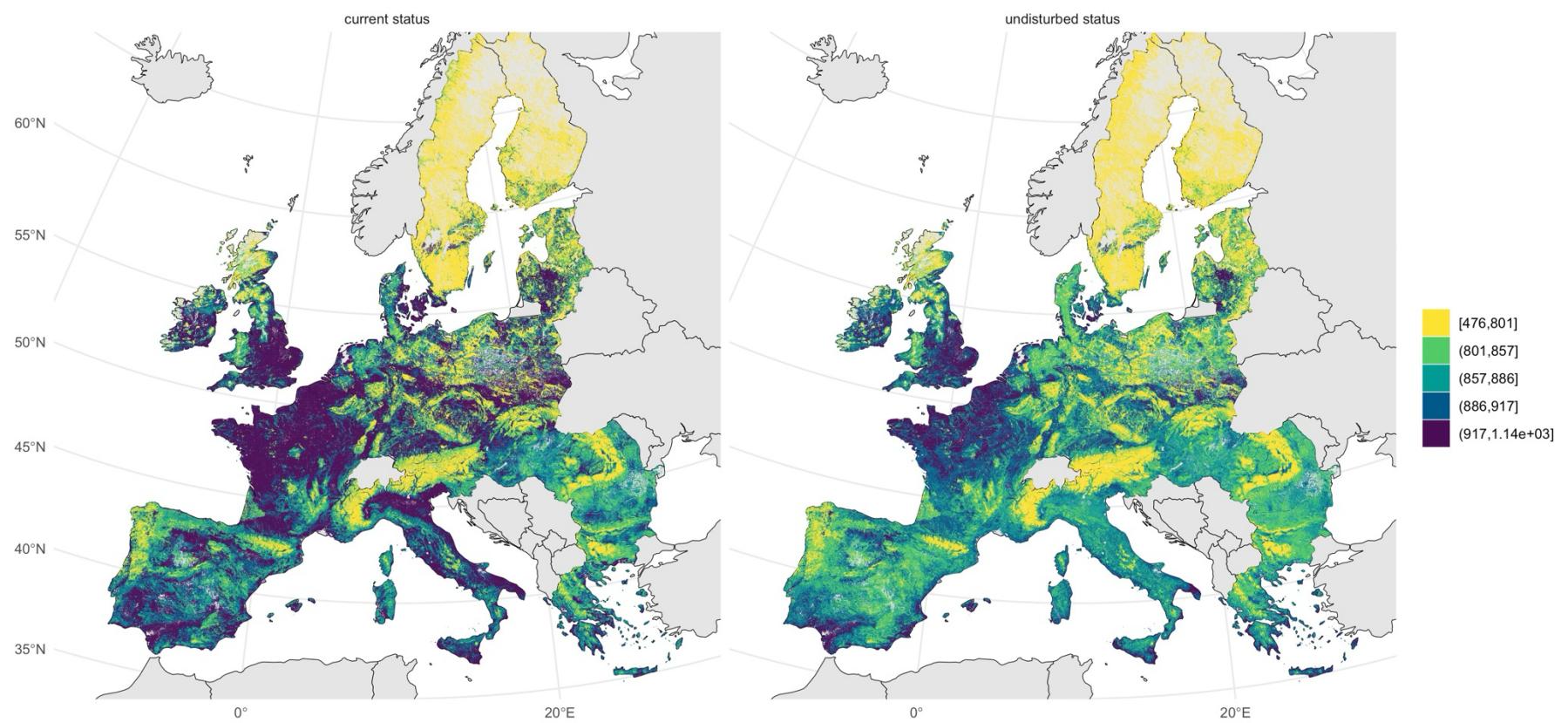


Figure S18. Spatial distribution of the diversity of Bacteria in Europe for the current status (right panel) and the undisturbed reference status (left panel).

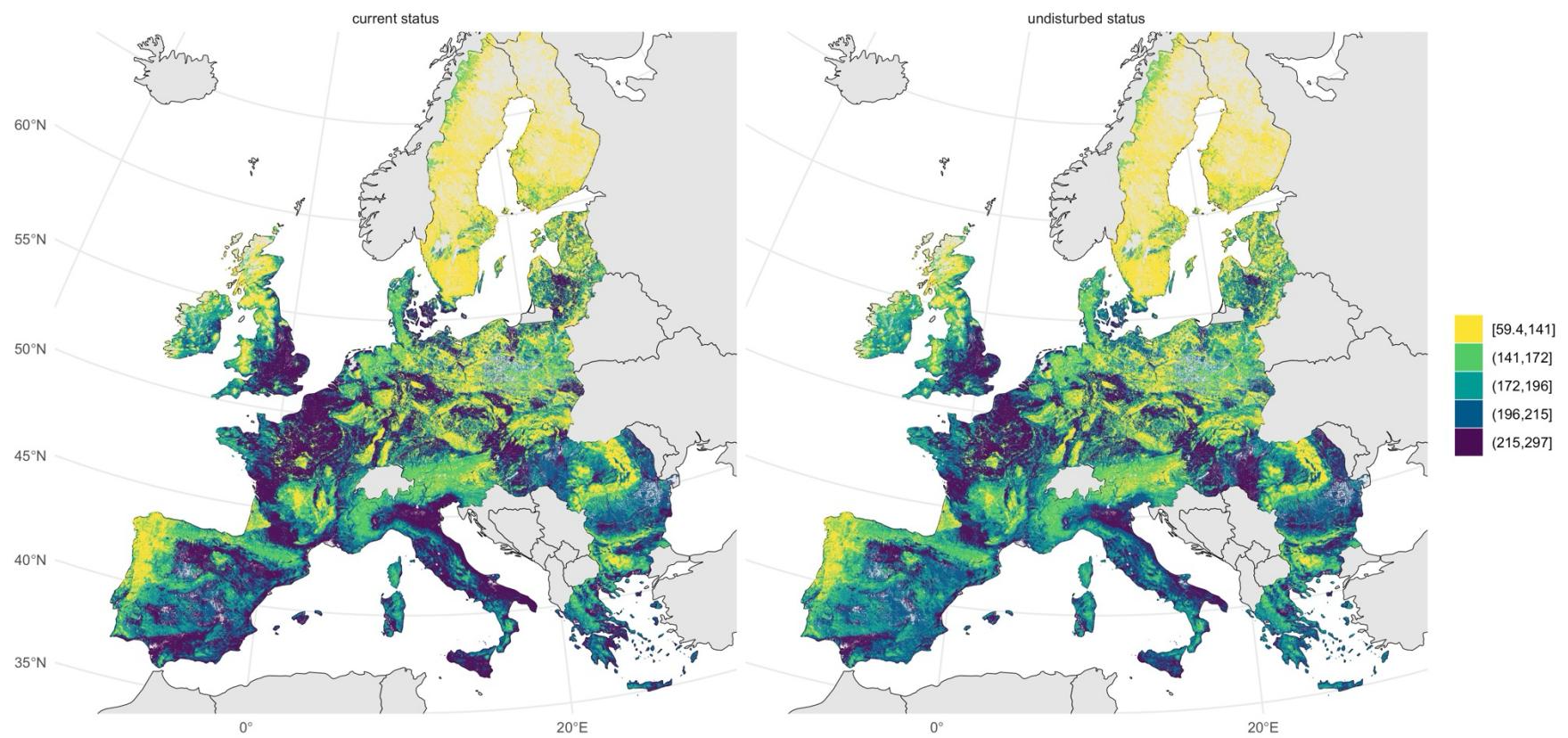


Figure S19. Spatial distribution of the diversity of chemoheterotrophic bacteria in Europe for the current status (right panel) and the undisturbed reference status (left panel).

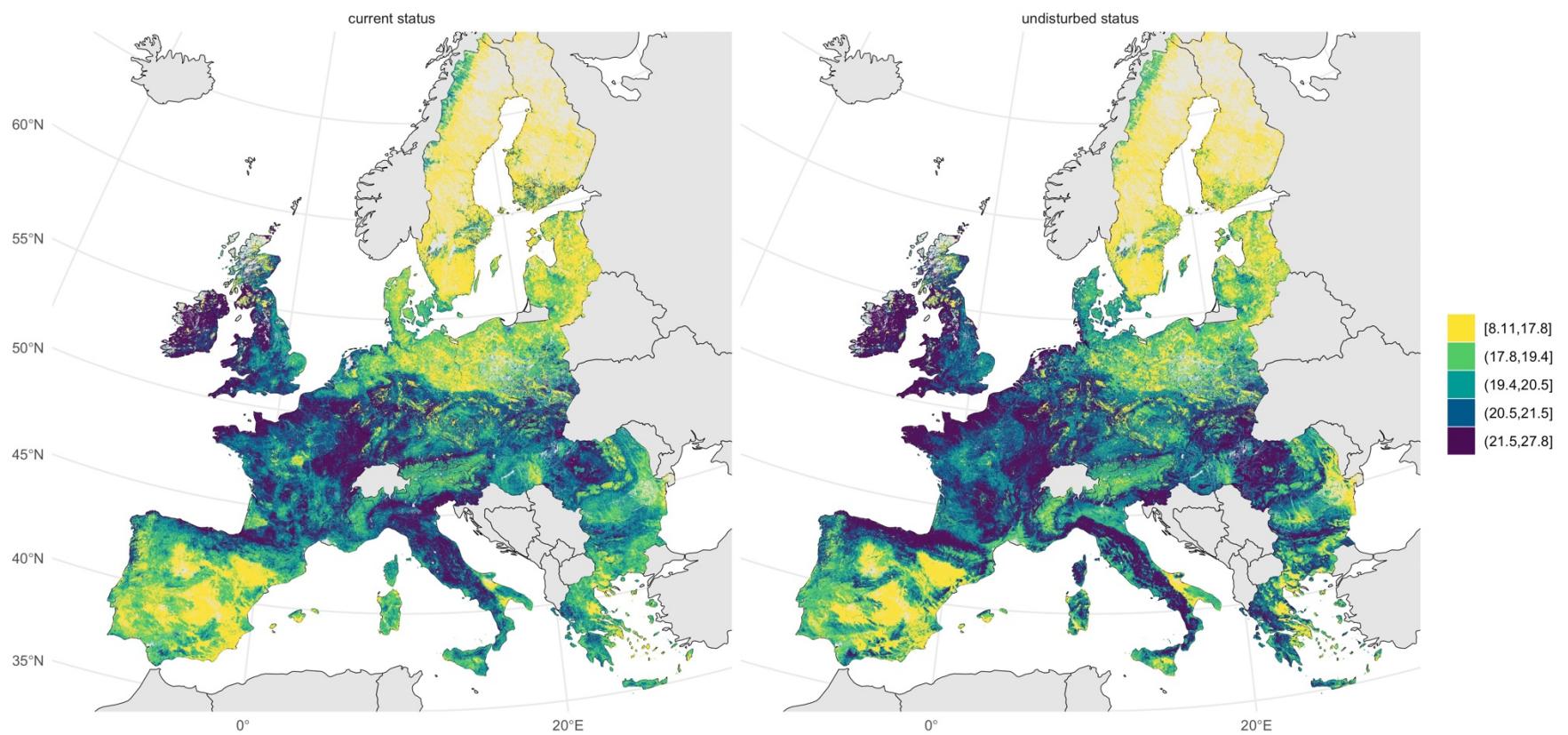


Figure S20. Spatial distribution of the diversity of pathogenic and parasitic bacteria in Europe for the current status (right panel) and the undisturbed reference status (left panel).

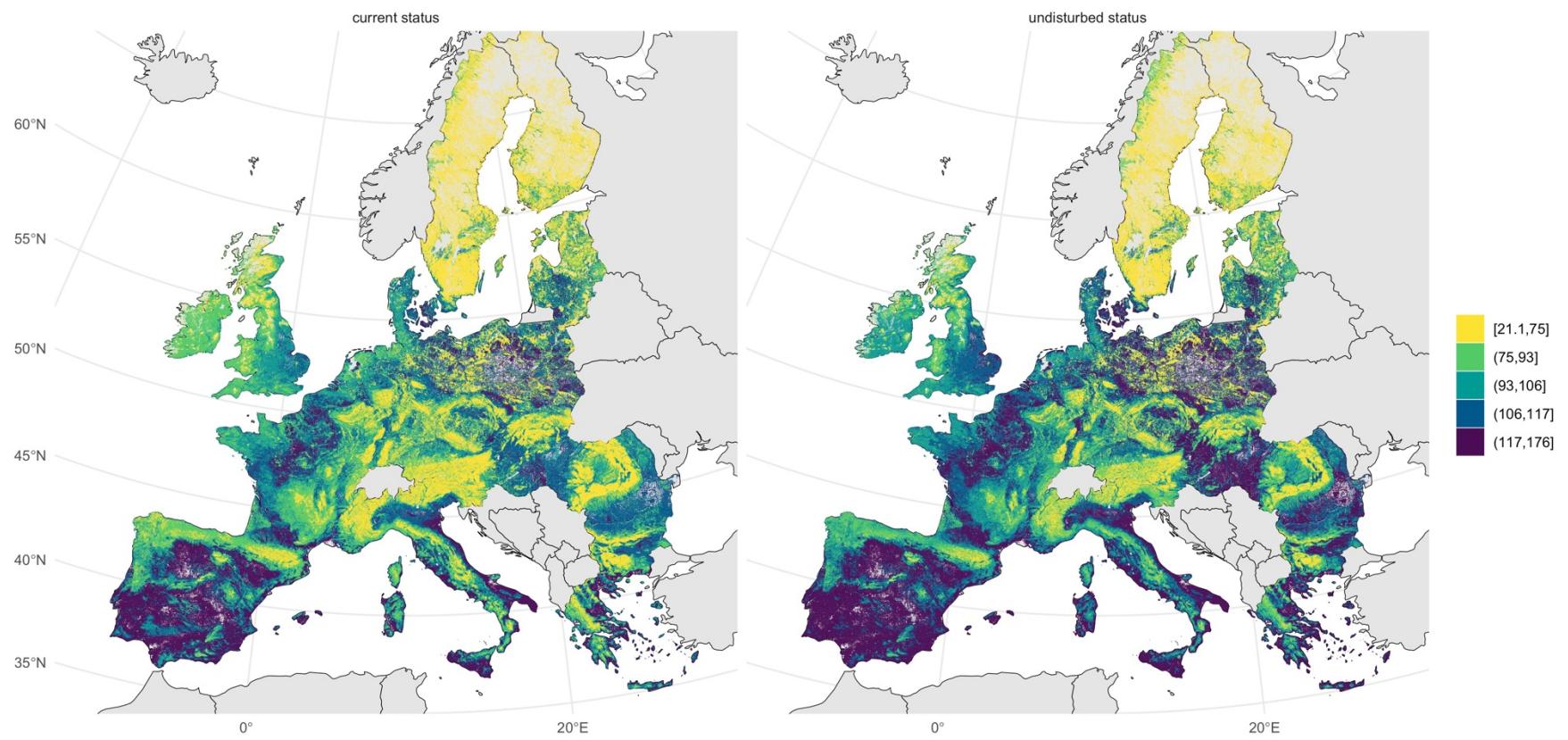


Figure S21. Spatial distribution of the diversity of autotrophic bacteria in Europe for the current status (right panel) and the undisturbed reference status (left panel).

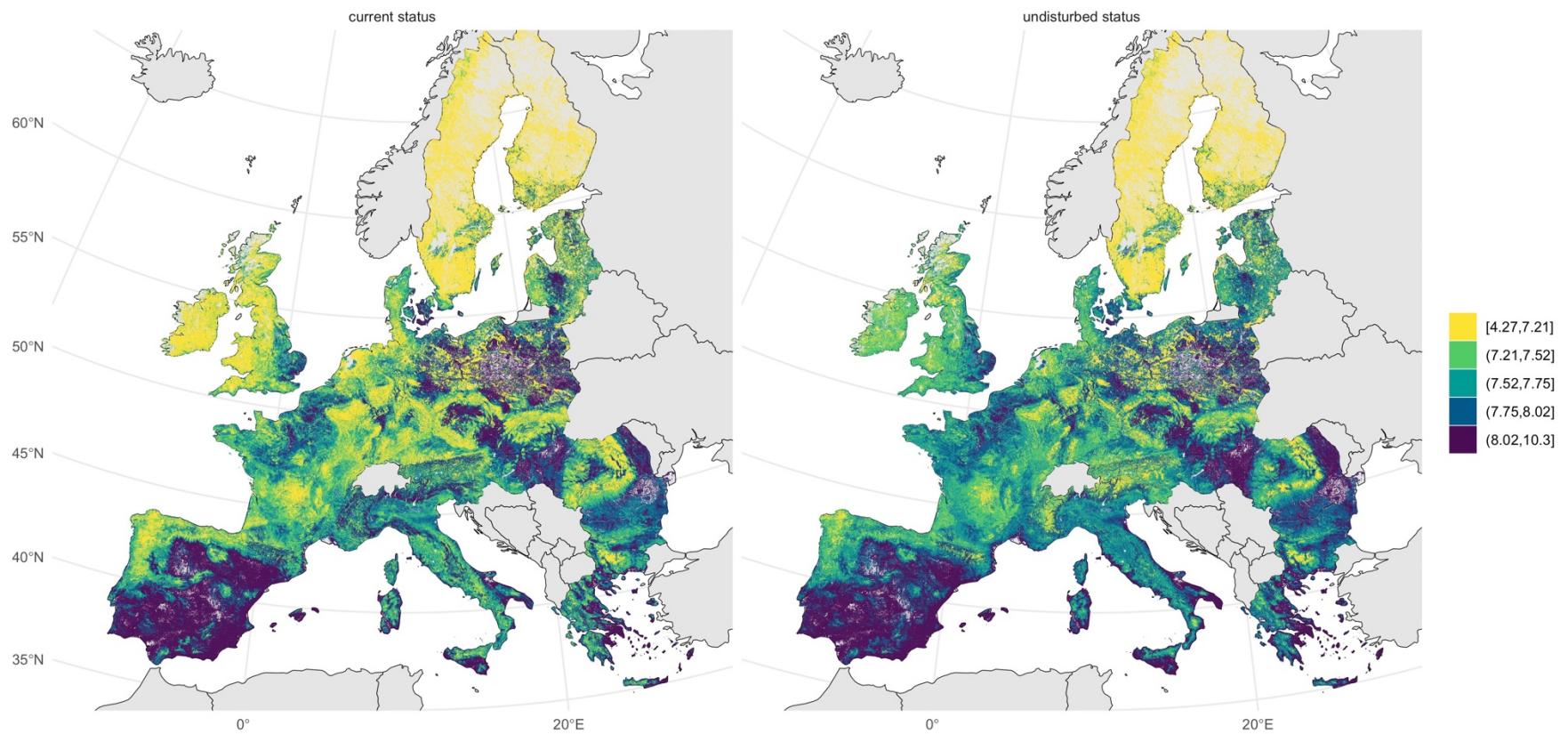


Figure S22. Spatial distribution of the diversity of N-cycling bacteria in Europe for the current status (right panel) and the undisturbed reference status (left panel).

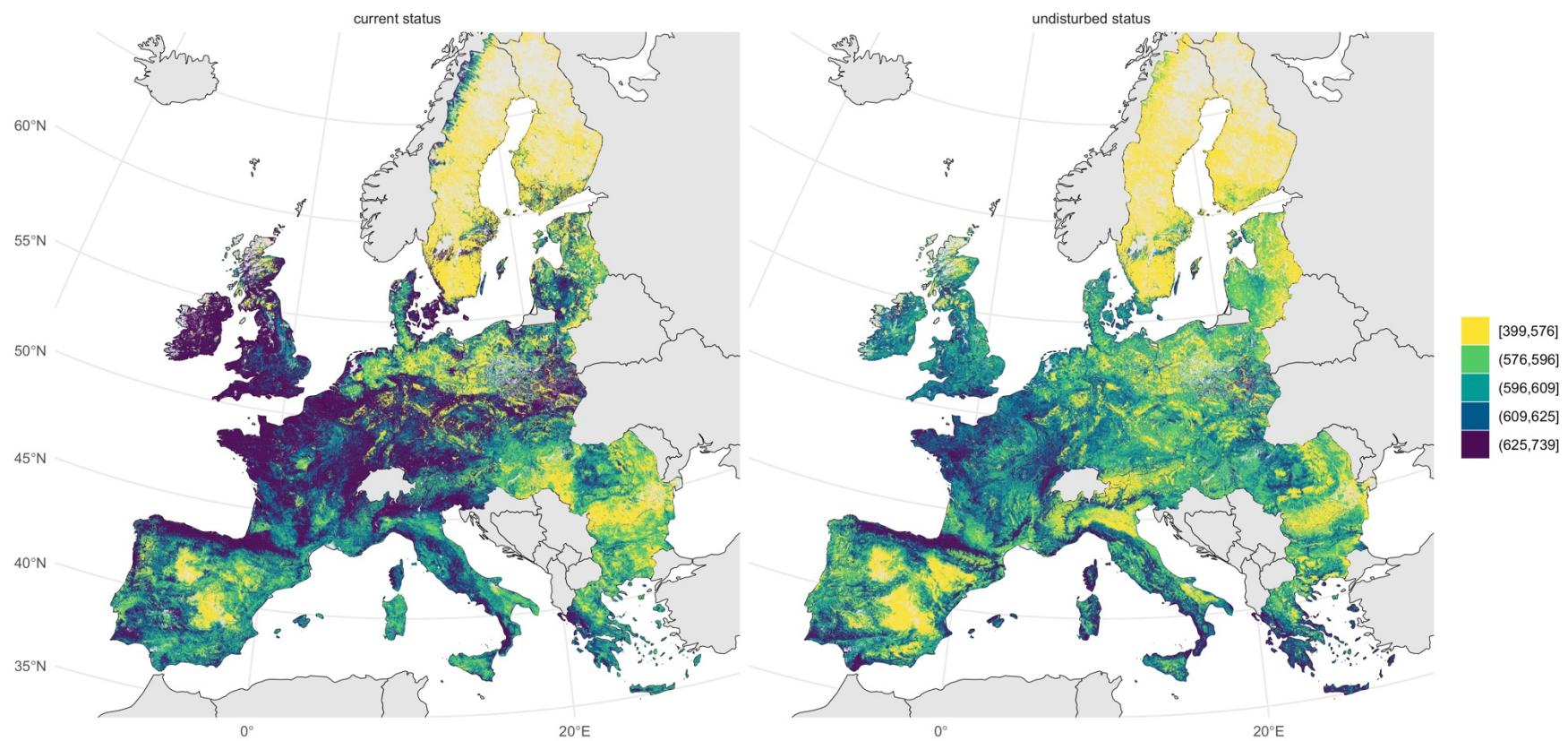


Figure S23. Spatial distribution of the diversity of decomposer bacteria in Europe for the current status (right panel) and the undisturbed reference status (left panel).

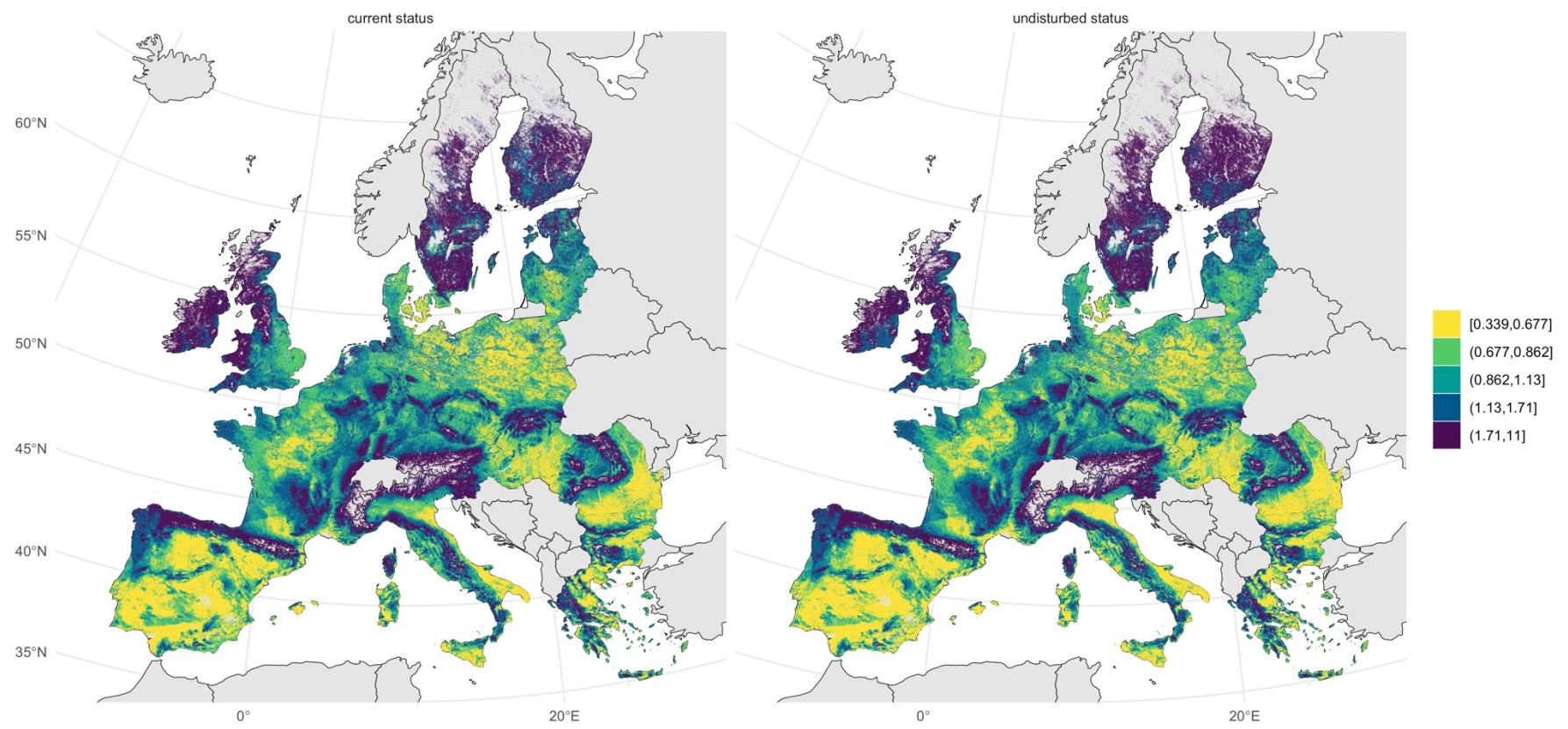


Figure S24. Spatial distribution of soil basal respiration in Europe for the current status (right panel) and the undisturbed reference status (left panel).

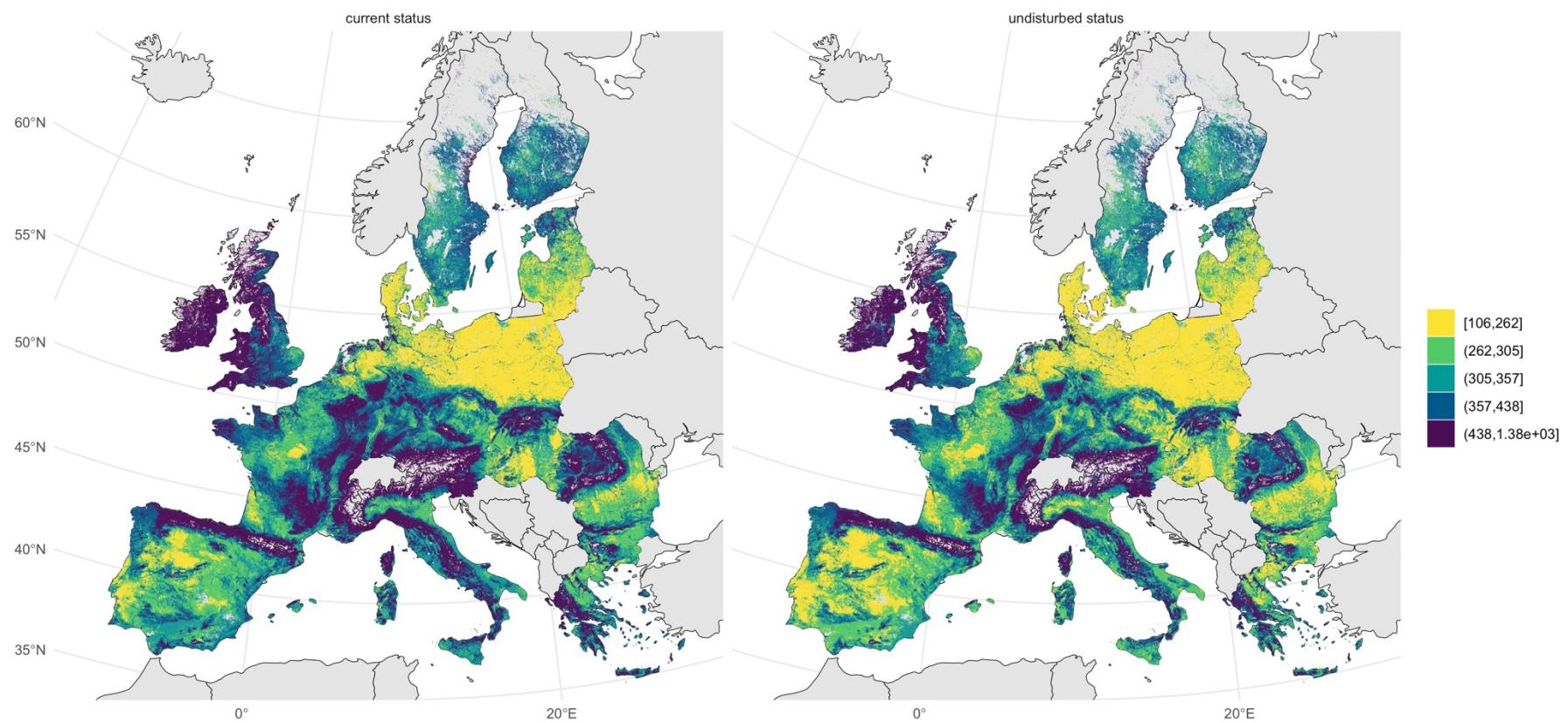


Figure S25. Spatial distribution of soil microbial biomass in Europe for the current status (right panel) and the undisturbed reference status (left panel).

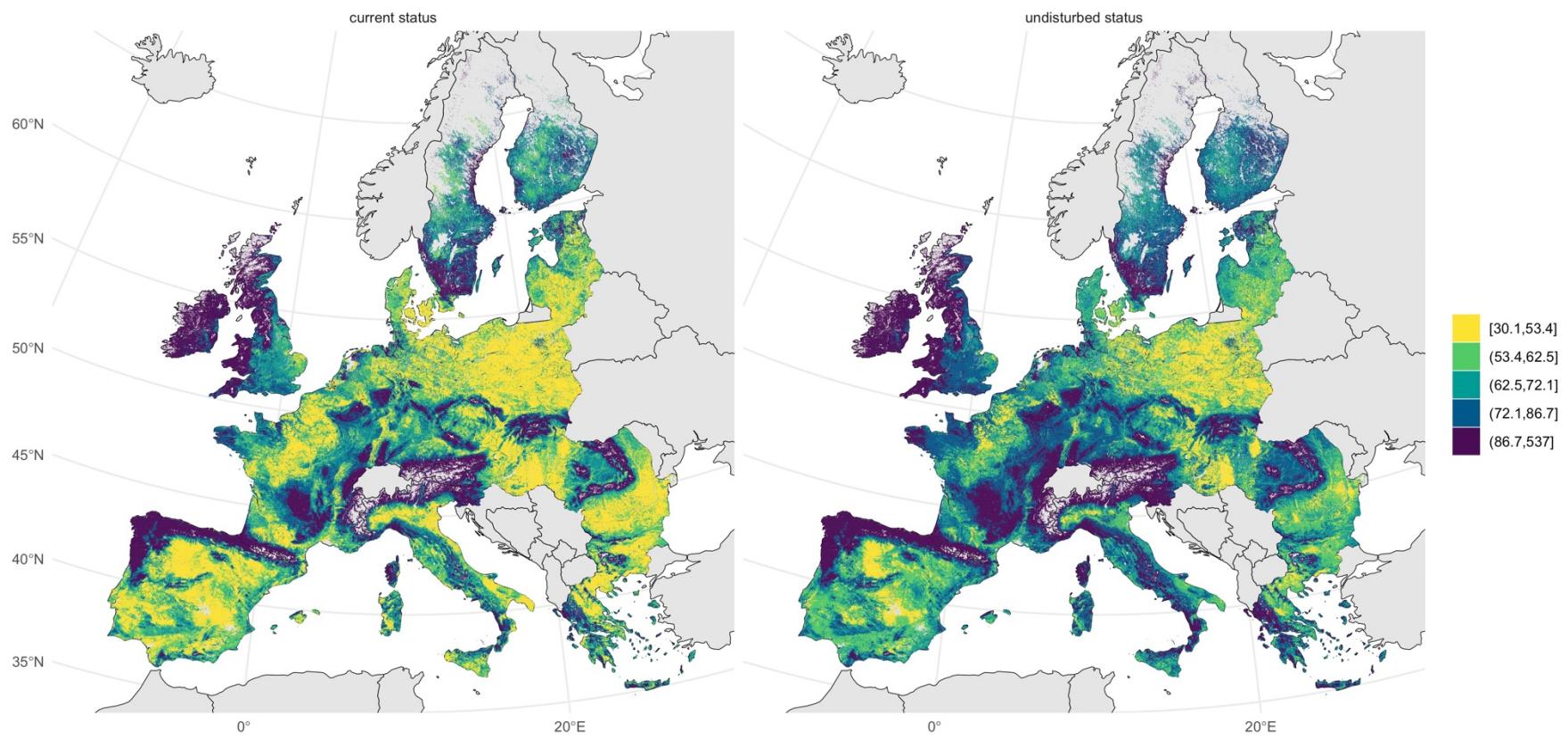


Figure S26. Spatial distribution of the activity potential of the enzyme Xylosidase in Europe for the current status (right panel) and the undisturbed reference status (left panel).

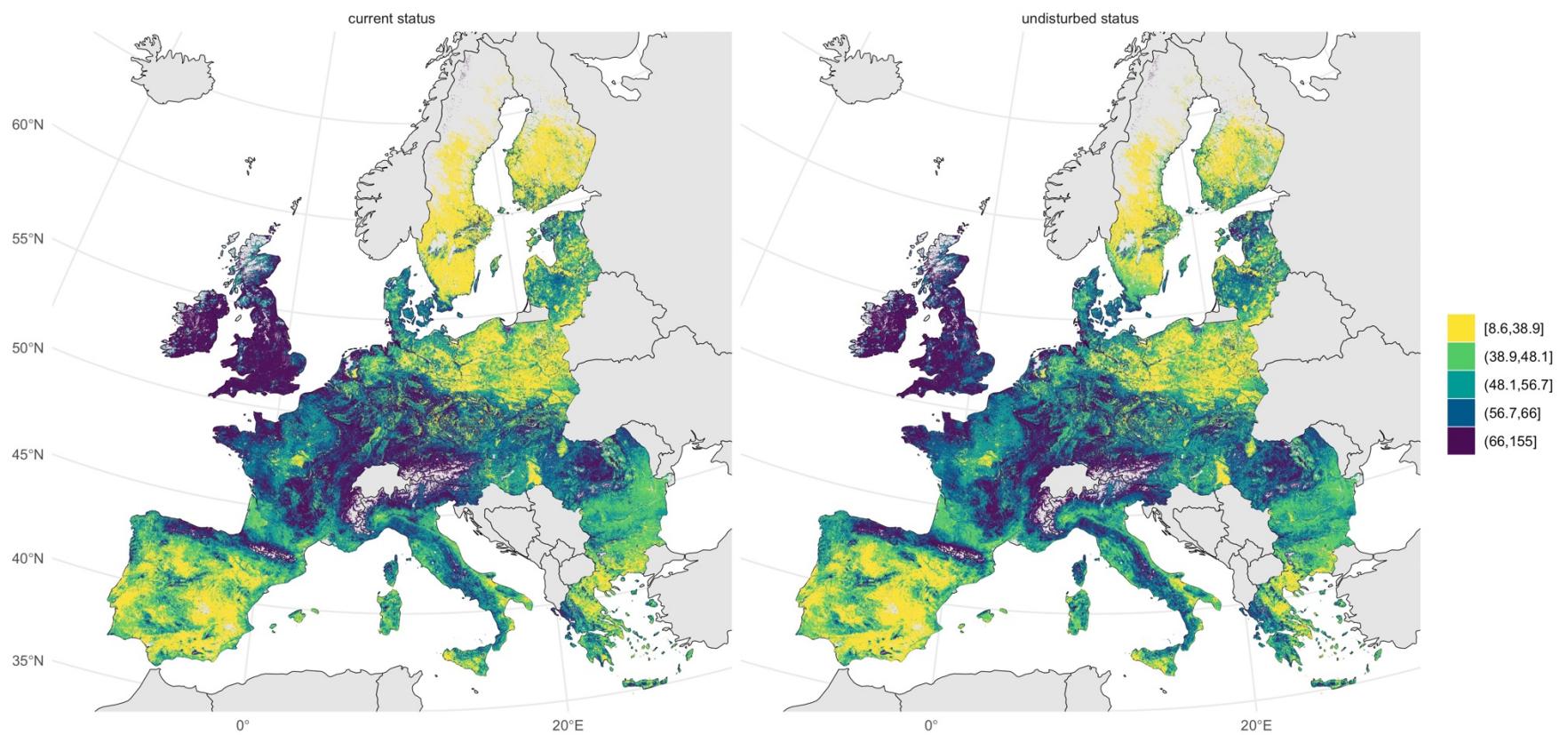


Figure S27. Spatial distribution of the activity potential of the enzyme Cellulase in Europe for the current status (right panel) and the undisturbed reference status (left panel).

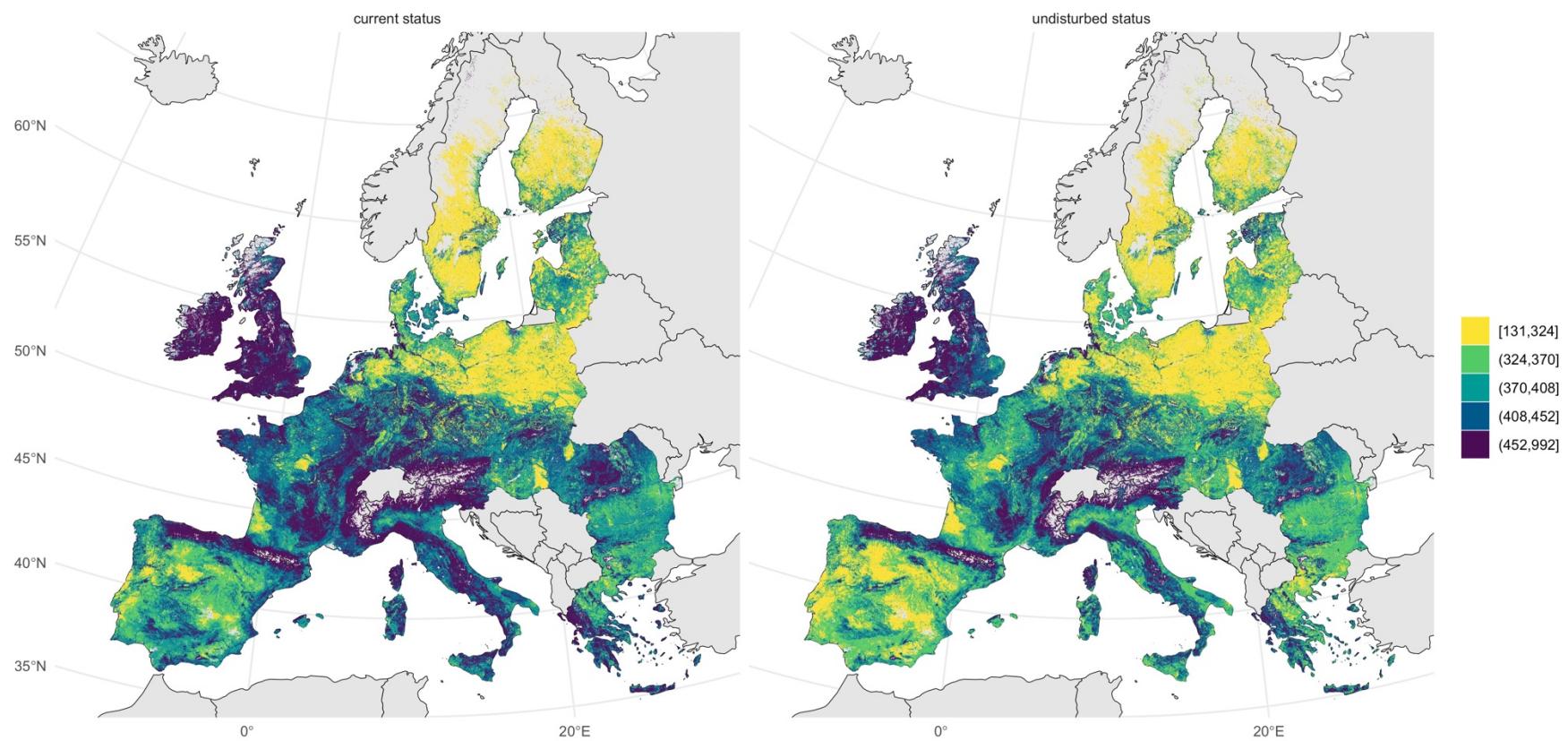


Figure S28. Spatial distribution of the activity potential of the enzyme Beta-glucosidase in Europe for the current status (right panel) and the undisturbed reference status (left panel).

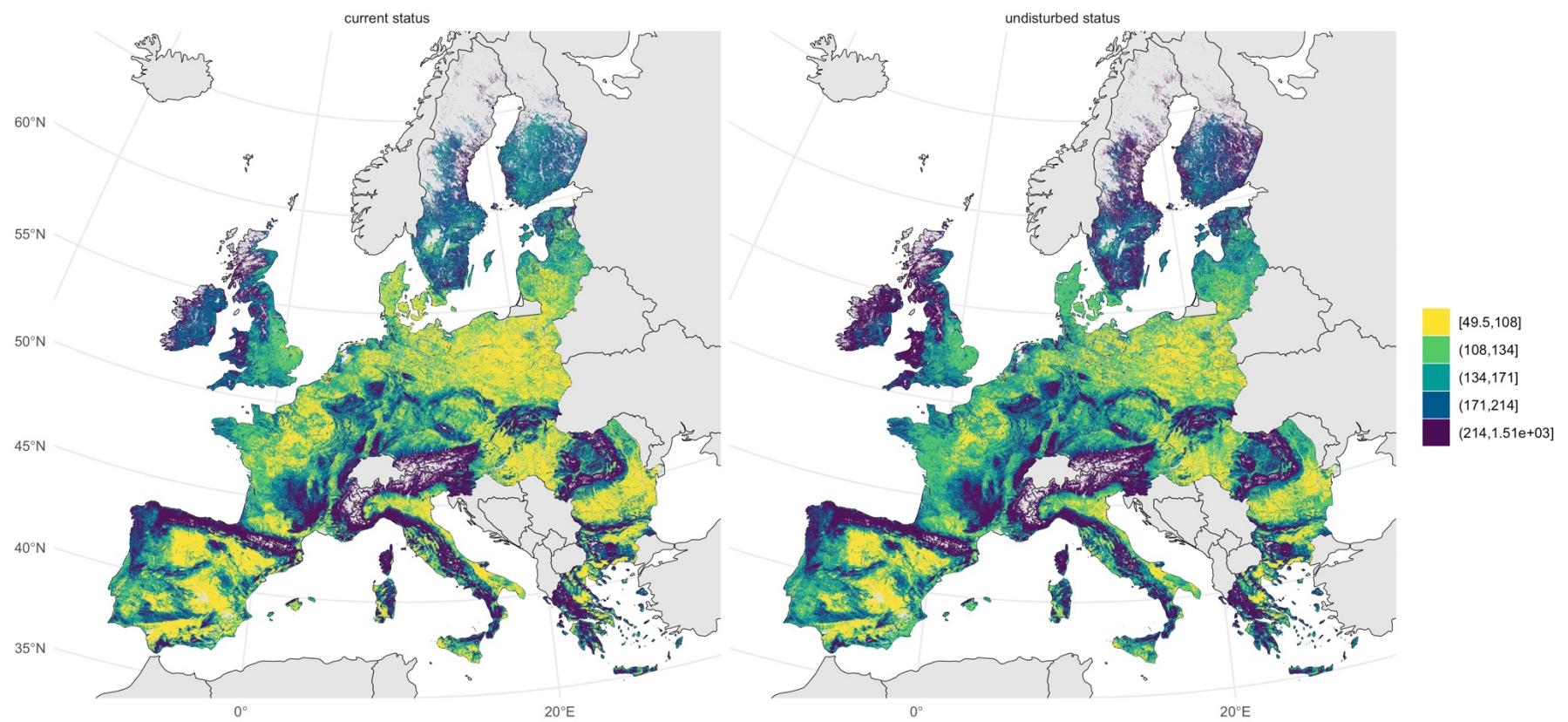


Figure S29. Spatial distribution of the activity potential of the enzyme N-acetyl-glucosaminidase in Europe for the current status (right panel) and the undisturbed reference status (left panel).

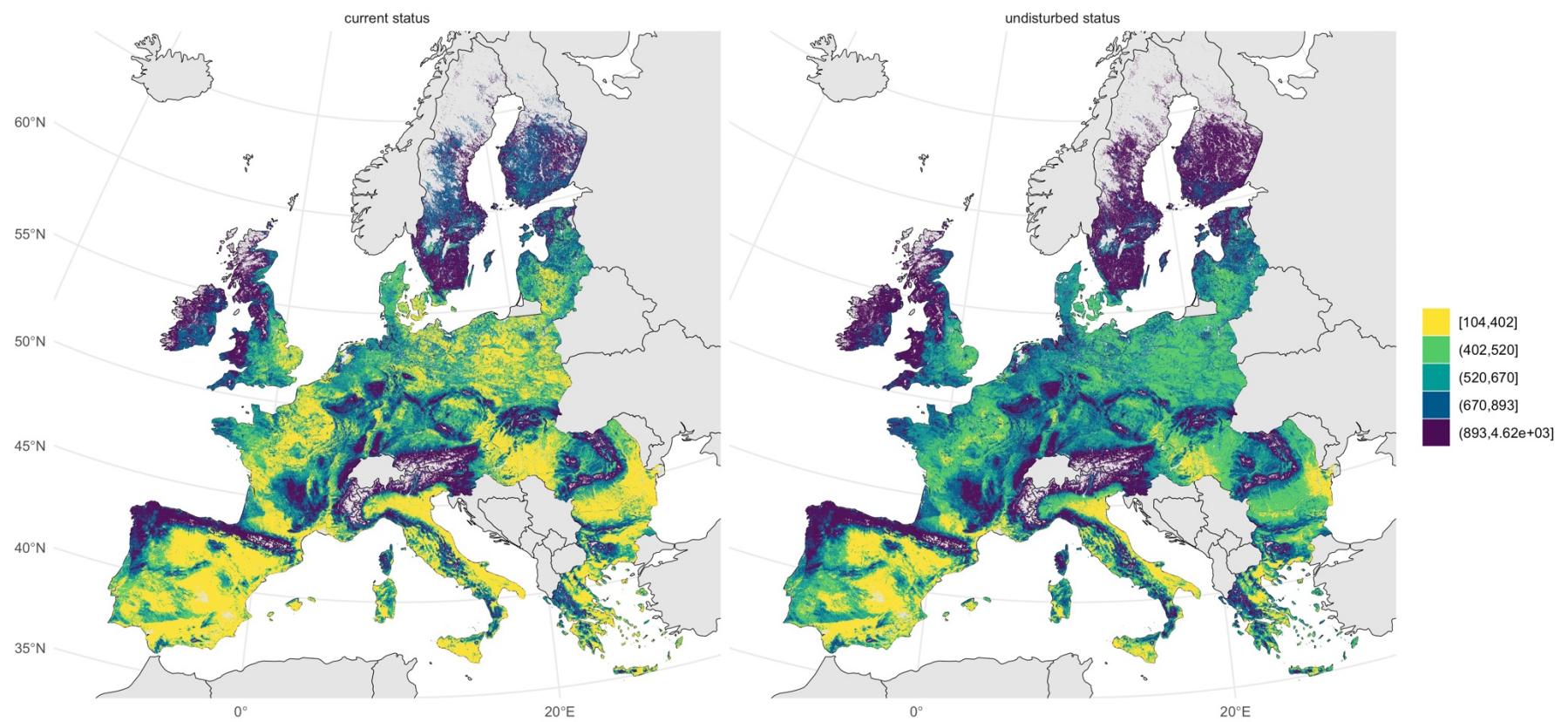


Figure S30. Spatial distribution of the activity potential of the enzyme Acid phosphatase in Europe for the current status (right panel) and the undisturbed reference status (left panel).