

**Hofmann M., Bütof A., Welk E. & Bruelheide H. (2013): Relationship between fundamental and realized niches in terms of frost and drought resistance. – Preslia 85: 1–17.**

**Electronic Appendix 1** Distribution map of *Achillea millefolium* and *A. pannonica*. Red = *Achillea pannonica*, blue = *Achillea millefolium*, violet = overlap of both ranges, asterisk = study site.

**Electronic Appendix 2** Distribution map of *Carlina biebersteinii* and *C. vulgaris*. Red = *Carlina vulgaris*, blue = *Carlina biebersteinii*, violet = overlap of both ranges, asterisk = study site.

**Electronic Appendix 3** Distribution map of *Centaurea scabiosa* and *C. stoebe*. Red = *Centaurea stoebe*, blue = *Centaurea scabiosa*, violet = overlap of both ranges, asterisk = study site.

**Electronic Appendix 4** Distribution map of *Dianthus carthusianorum* and *D. deltoides*. Red = *Dianthus carthusianorum*, blue = *Dianthus deltoides*, violet = overlap of both ranges, asterisk = study site.

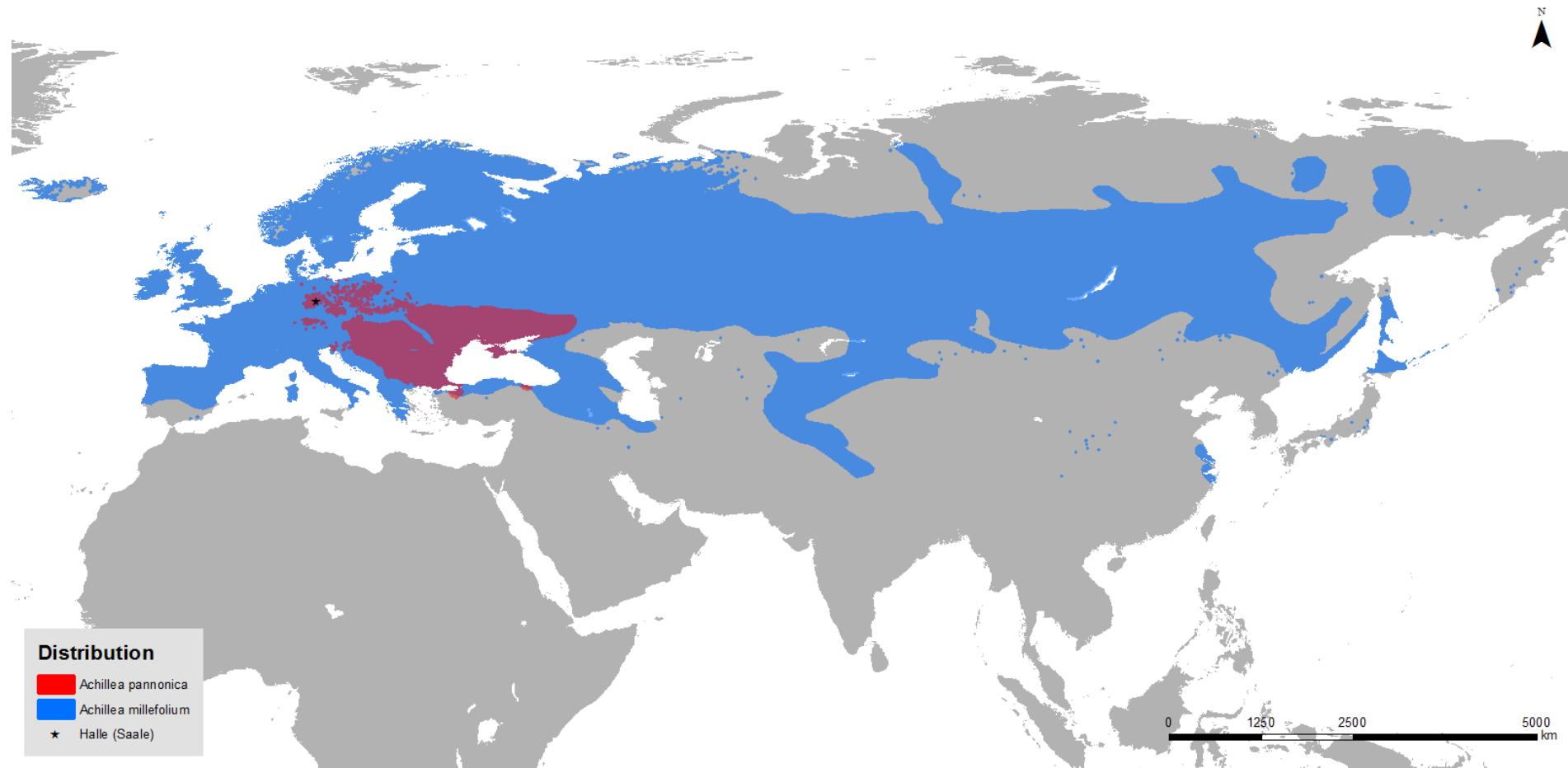
**Electronic Appendix 5** Distribution map of *Inula conyzae* and *I. hirta*. Red = *Inula conyzae*, blue = *Inula hirta*, violet = overlap of both ranges, asterisk = study site.

**Electronic Appendix 6** Distribution map of *Koeleria macrantha* and *K. pyramidata*. Red = *Koeleria pyramidata*, blue = *Koeleria macrantha*, violet = overlap of both ranges, asterisk = study site.

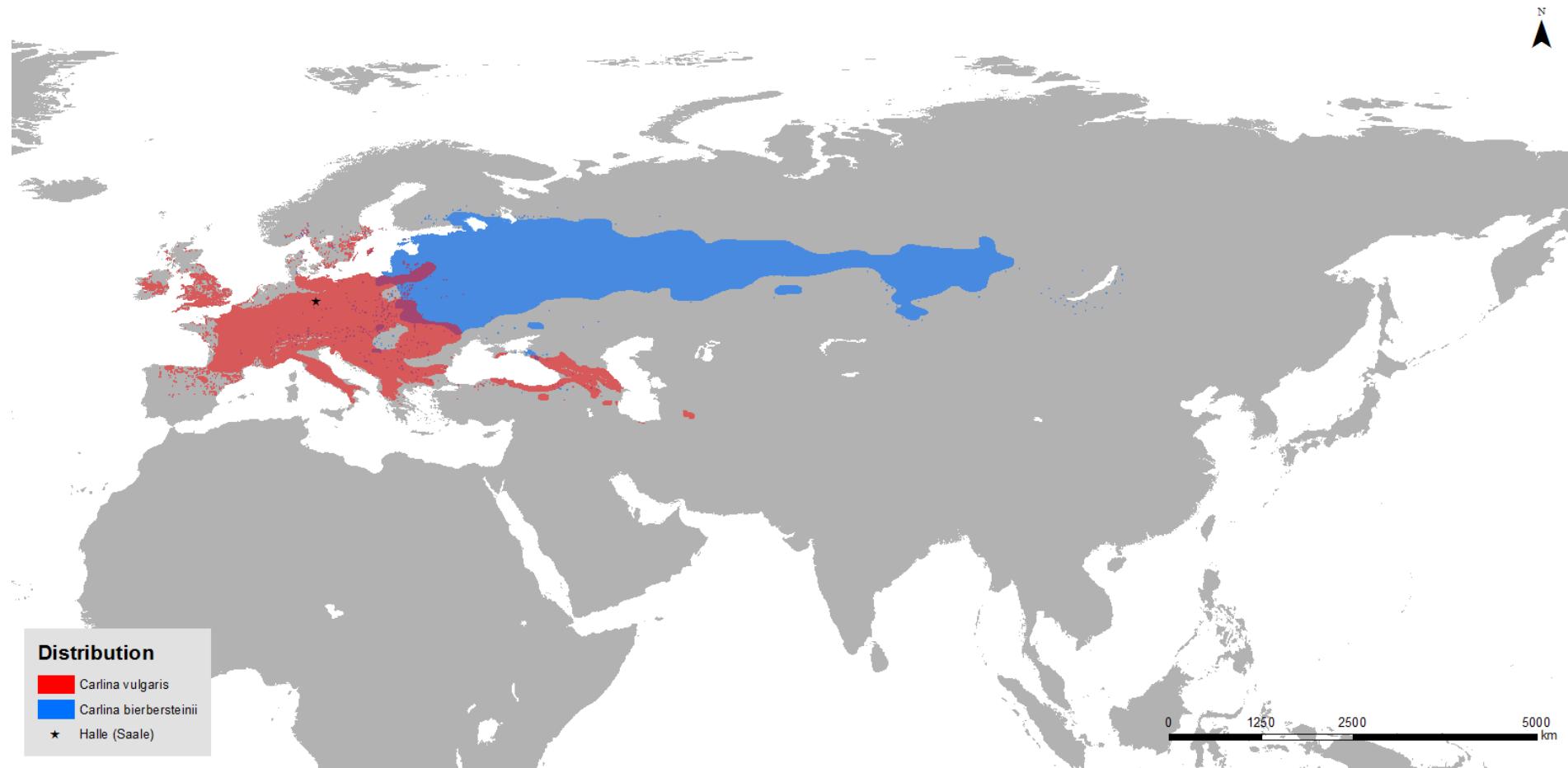
**Electronic Appendix 7** Distribution map of *Scabiosa columbaria* and *S. ochroleuca*. Red = *Scabiosa columbaria*, blue = *Scabiosa ochroleuca*, violet = overlap of both ranges, asterisk = study site.

**Electronic Appendix 8** Distribution map of *Silene nutans* and *S. otites*. Red = *Silene nutans*, blue = *Silene otites*, violet = overlap of both ranges, asterisk = study site.

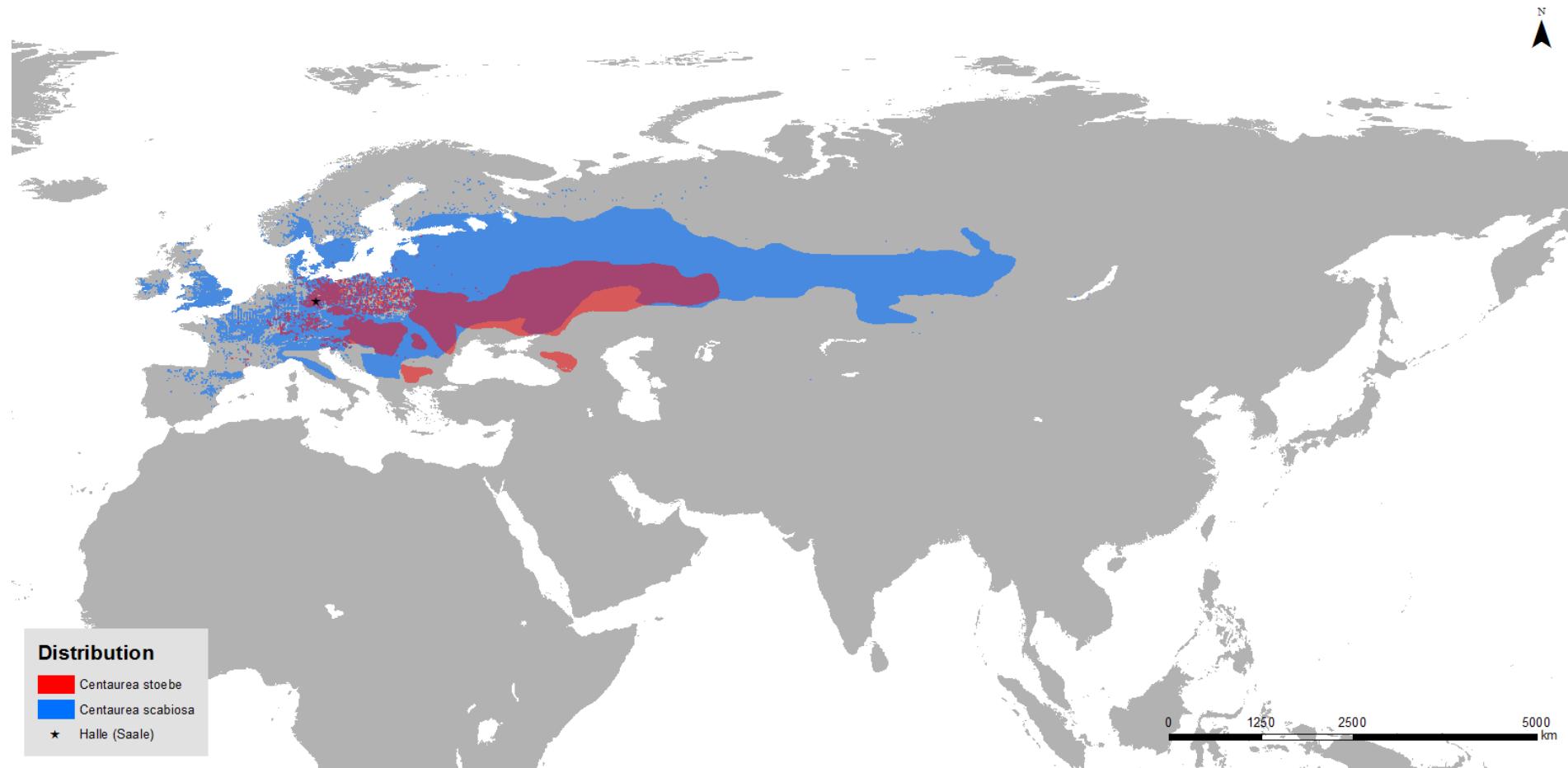
**Electronic Appendix 9** List of all databases used for distribution database of the investigated species used in this study.



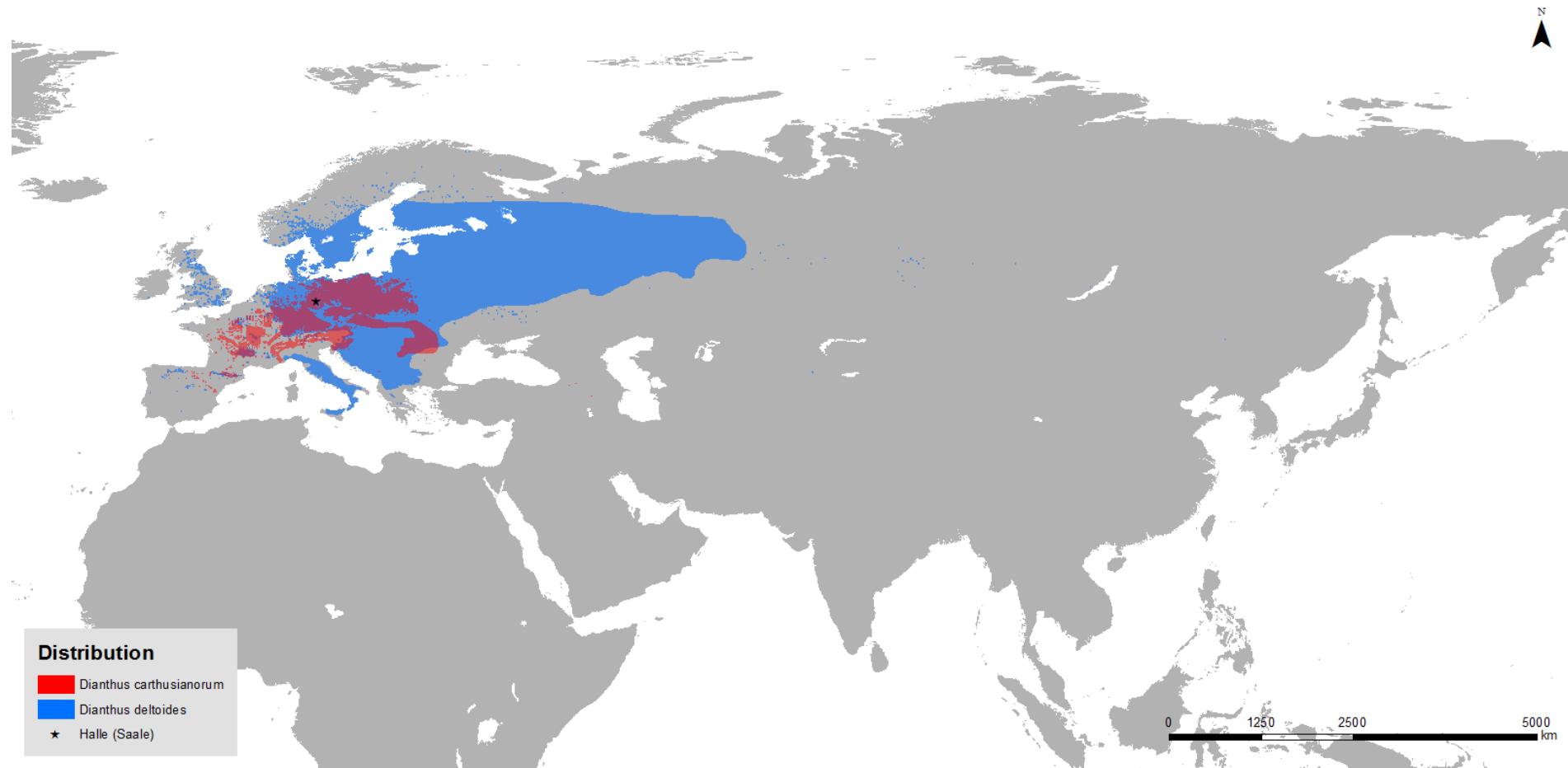
Electronic Appendix 1. – Distribution map of *Achillea millefolium* and *A. pannonica*. Red = *Achillea pannonica*, blue = *Achillea millefolium*, violet = overlap of both ranges, asterisk = study site.



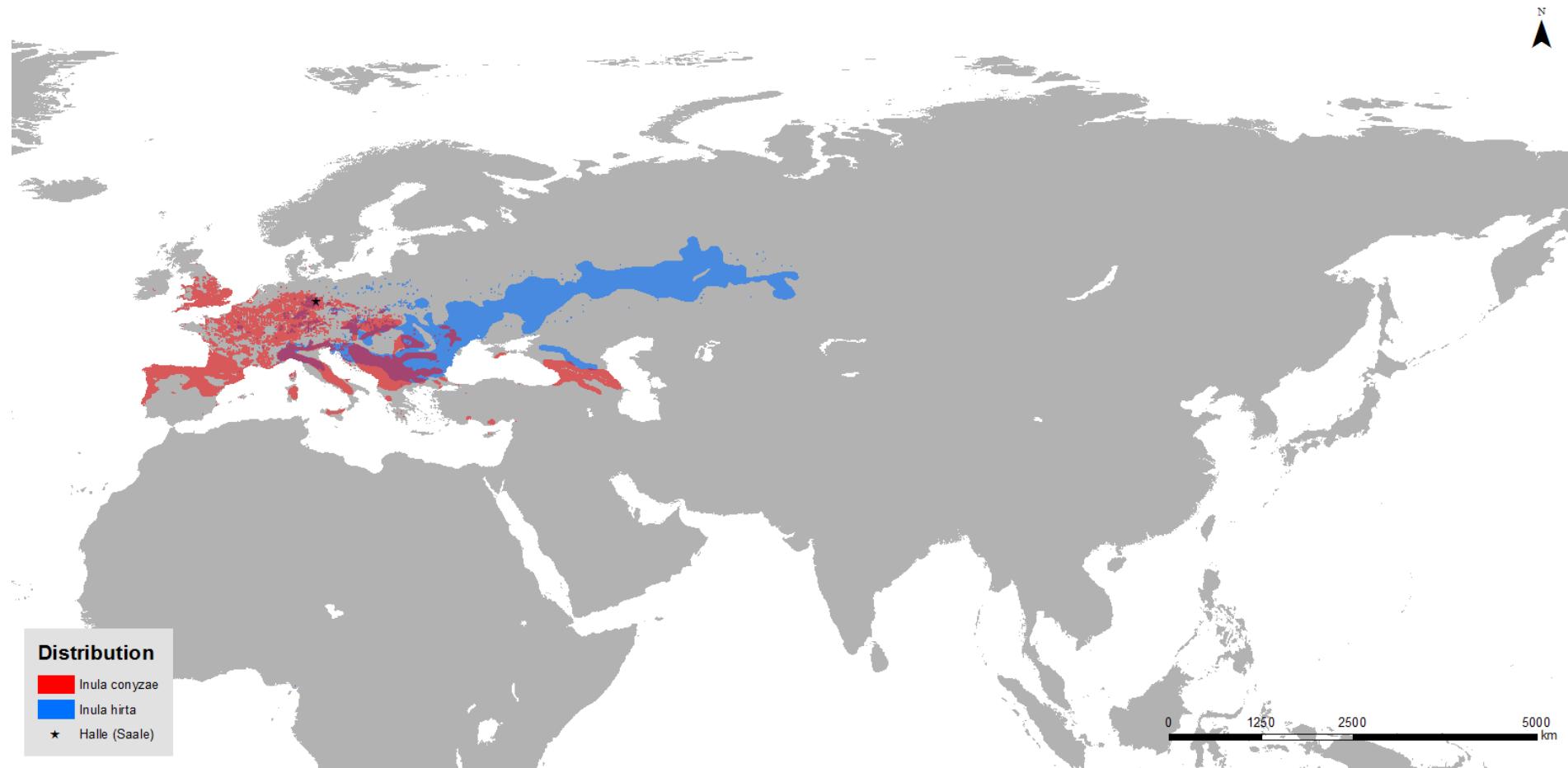
Electronic Appendix 2. – Distribution map of *Carlina biebersteinii* and *C. vulgaris*. Red = *Carlina vulgaris*, blue = *Carlina biebersteinii*, violet = overlap of both ranges, asterisk = study site.



Electronic Appendix 3. – Distribution map of *Centaurea scabiosa* and *C. stoebe*. Red = *Centaurea stoebe*, blue = *Centaurea scabiosa*, violet = overlap of both ranges, asterisk = study site.



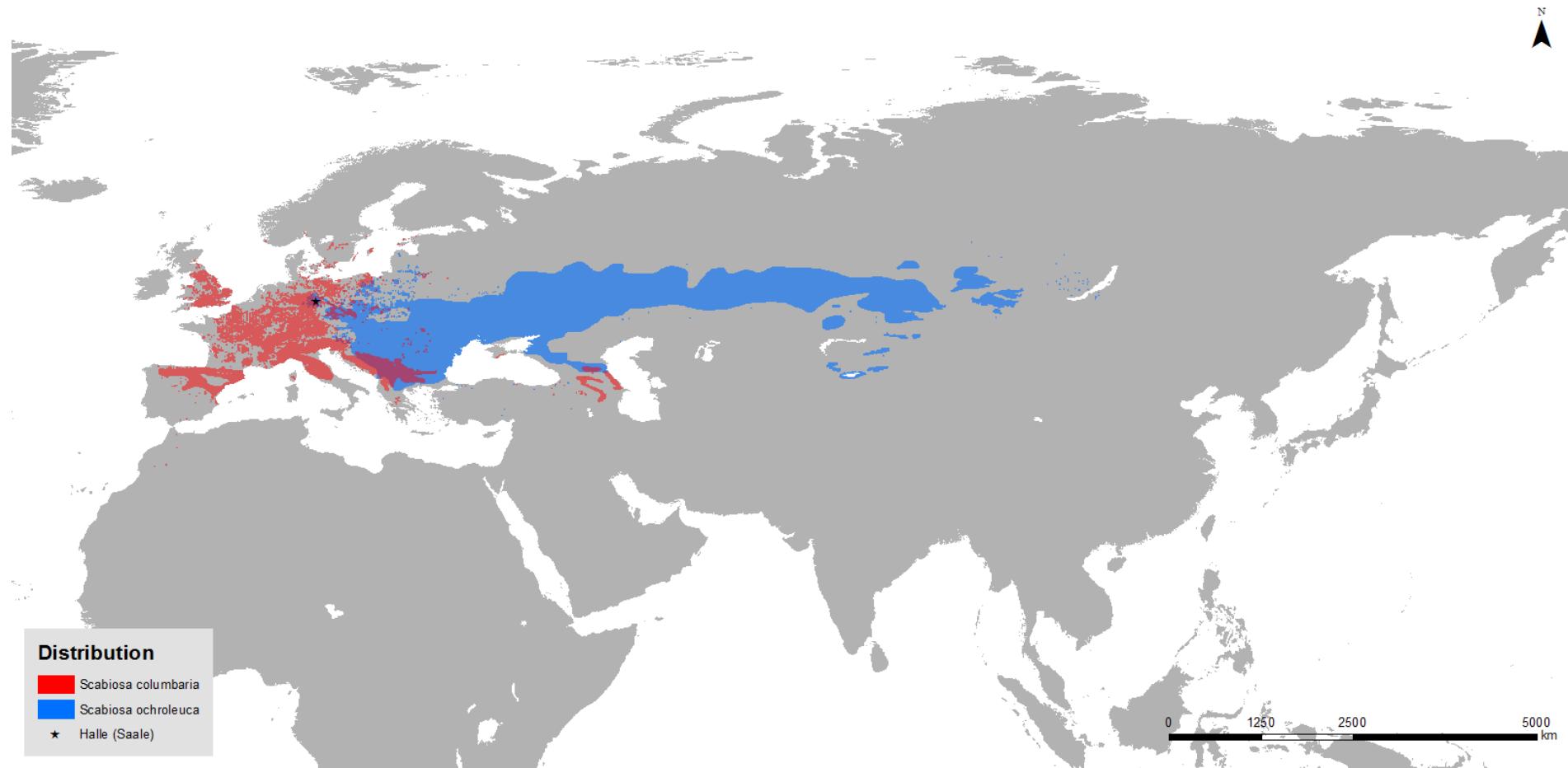
Electronic Appendix 4. – Distribution map of *Dianthus carthusianorum* and *D. deltoides*. Red = *Dianthus carthusianorum*, blue = *Dianthus deltoides*, violet = overlap of both ranges, asterisk = study site.



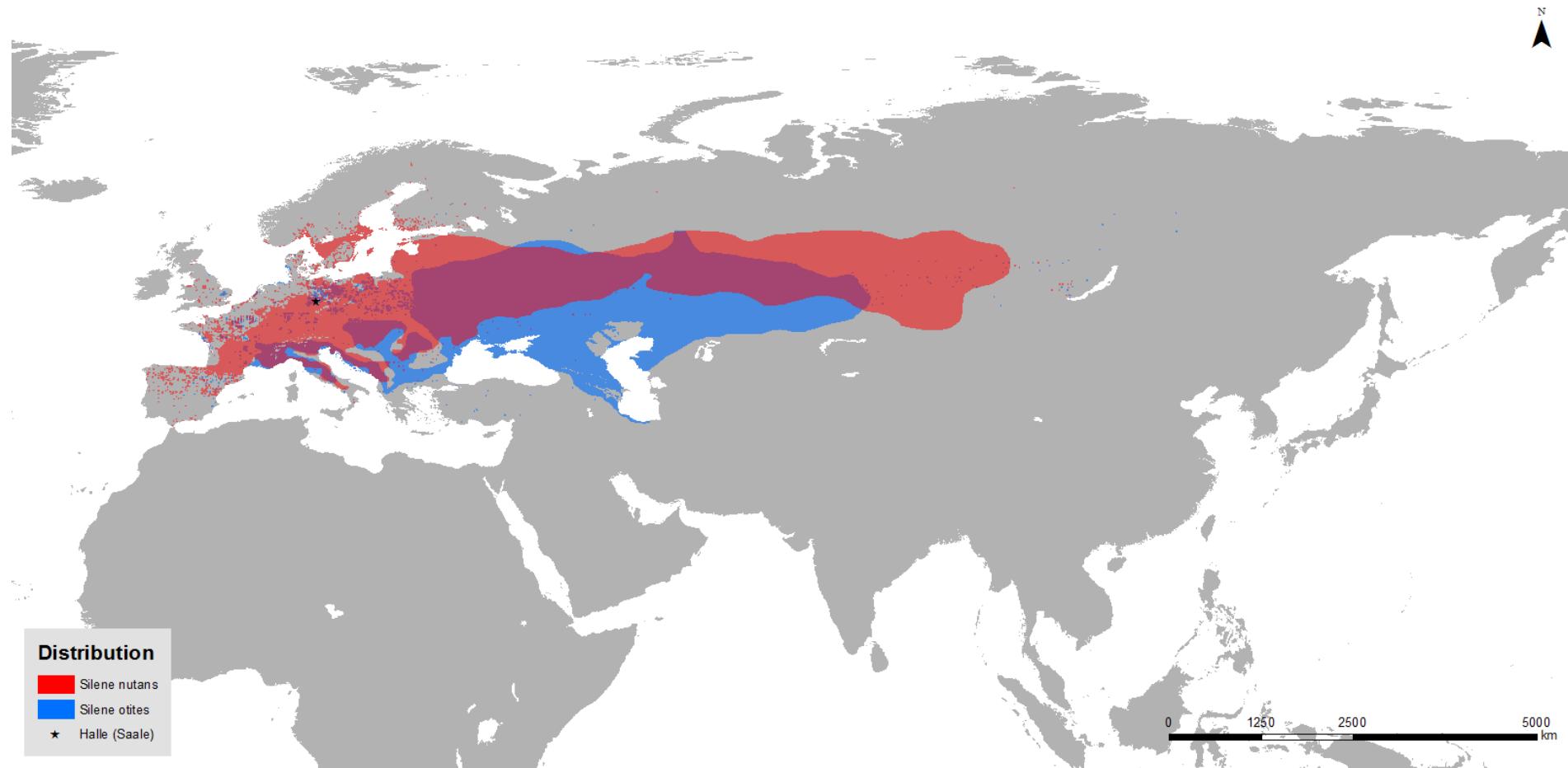
Electronic Appendix 5. – Distribution map of *Inula conyzae* and *I. hirta*. Red = *Inula conyzae*, blue = *Inula hirta*, violet = overlap of both ranges, asterisk = study site.



Electronic Appendix 6. – Distribution map of *Koeleria macrantha* and *K. pyramidata*. Red = *Koeleria pyramidata*, blue = *Koeleria macrantha*, violet = overlap of both ranges, asterisk = study site.



Electronic Appendix 7. – Distribution map of *Scabiosa columbaria* and *S. ochroleuca*. Red = *Scabiosa columbaria*, blue = *Scabiosa ochroleuca*, violet = overlap of both ranges, asterisk = study site.



Electronic Appendix 8. – Distribution map of *Silene nutans* and *S. otites*. Red = *Silene nutans*, blue = *Silene otites*, violet = overlap of both ranges, asterisk = study site.

Electronic Appendix 9. – List of all databases used for distribution database of the investigated species used in this study.

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