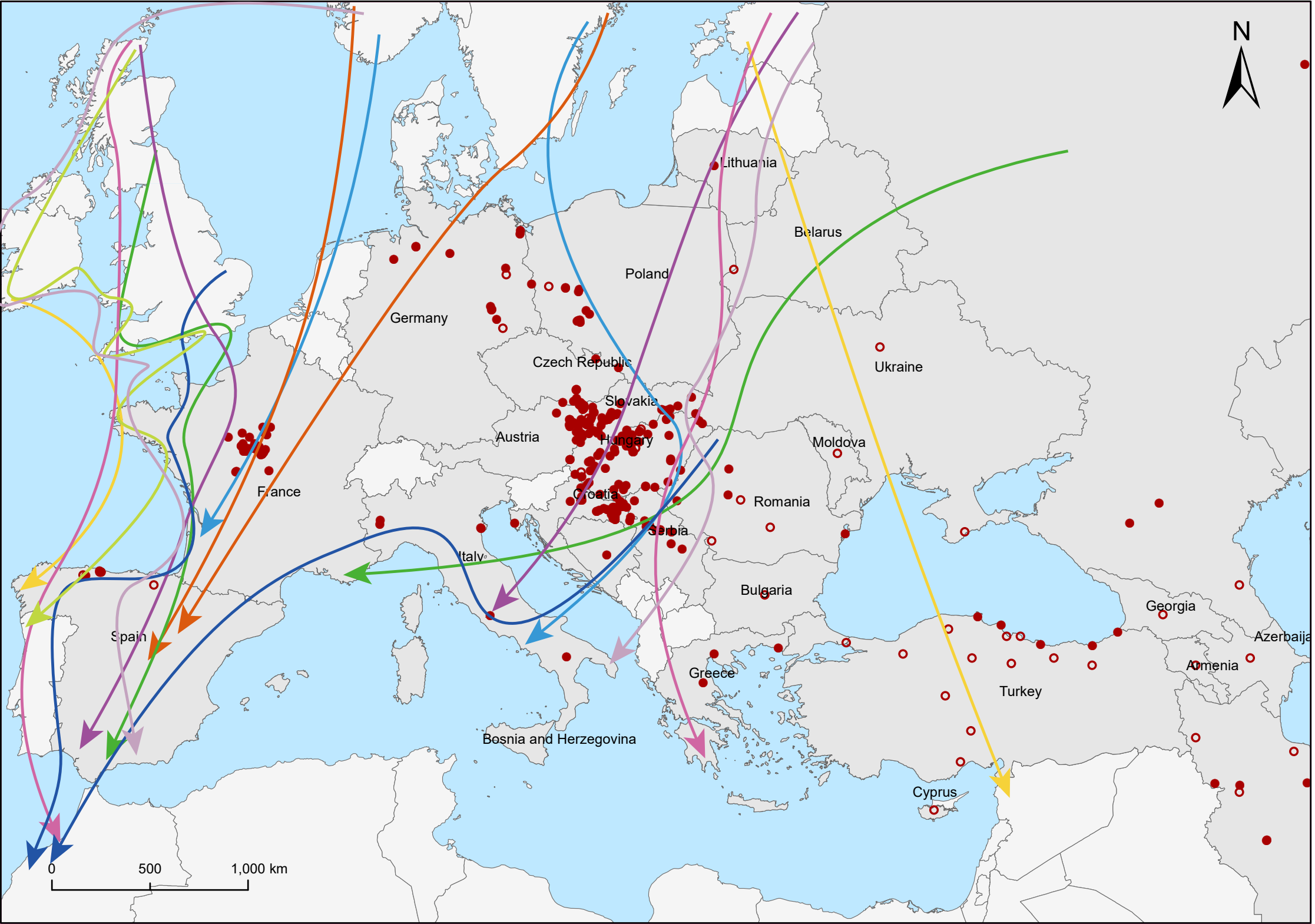


Figure S4: Migration routes of birds in Europe susceptible to parasitism by *Haemaphysalis concinna*

Recorded locations of *H. concinna*. Closed circles represent the county-level regions, open circles represent the prefecture-level regions. The two segments of lines, matching the color of the bird species, delineate the activity range of the respective bird species



- | | | | | |
|--------------------------------------|------------------------------|--------------------------|---------------------------|---------------------------|
| <i>Coccothraustes coccothraustes</i> | <i>Emberiza citrinella</i> | <i>Parus major</i> | <i>Prunella modularis</i> | <i>Sylvia atricapilla</i> |
| <i>Erithacus rubecula</i> | <i>Luscinia megarhynchos</i> | <i>Turdus philomelos</i> | <i>Turdus merula</i> | |

Supplementary Figure S5: Migratory birds in China primarily exhibit three migration routes

