Supplementary material of

Impact of Local Grasslands on Wild Grass Pollen Emission in Bavaria, Germany

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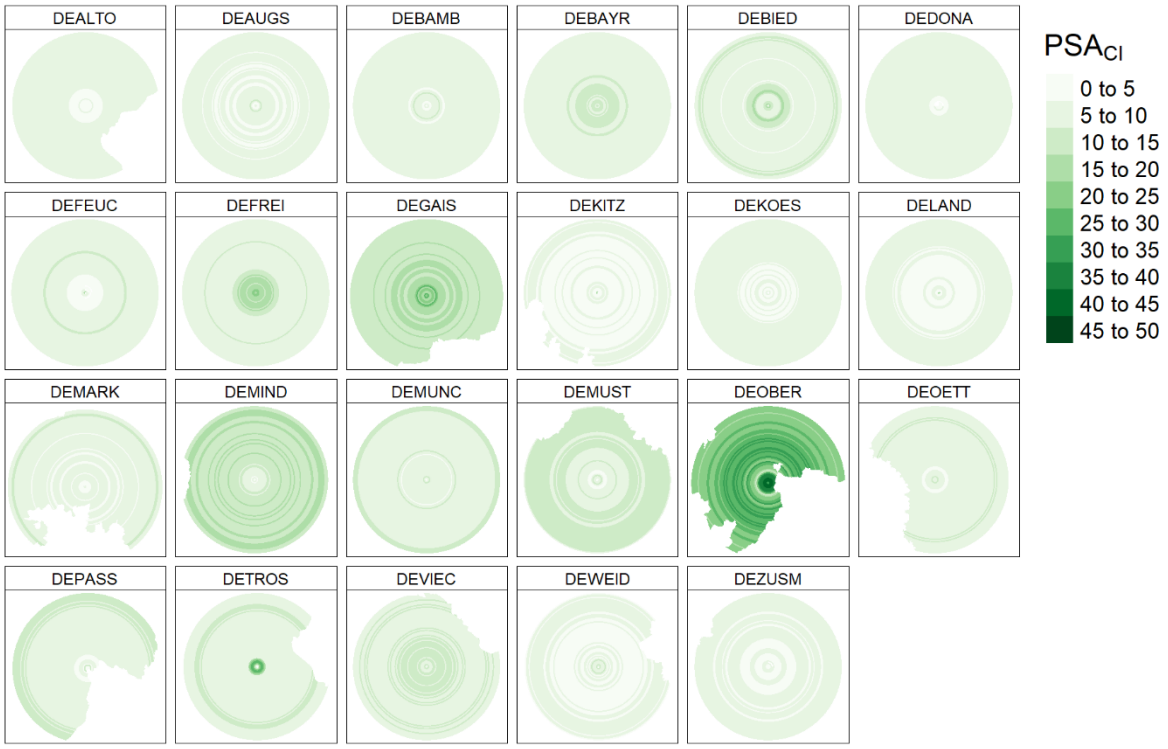

Figure S1. Polar plots of potential source areas weighted by cultivation intensity (PSA_{CI}) for 500 m rings within 30-km radius circles around 23 selected pollen stations in Bavaria, Germany. Rings were calculated based on available data within the boundary of Bavaria, Germany. See methods for weighting procedure.

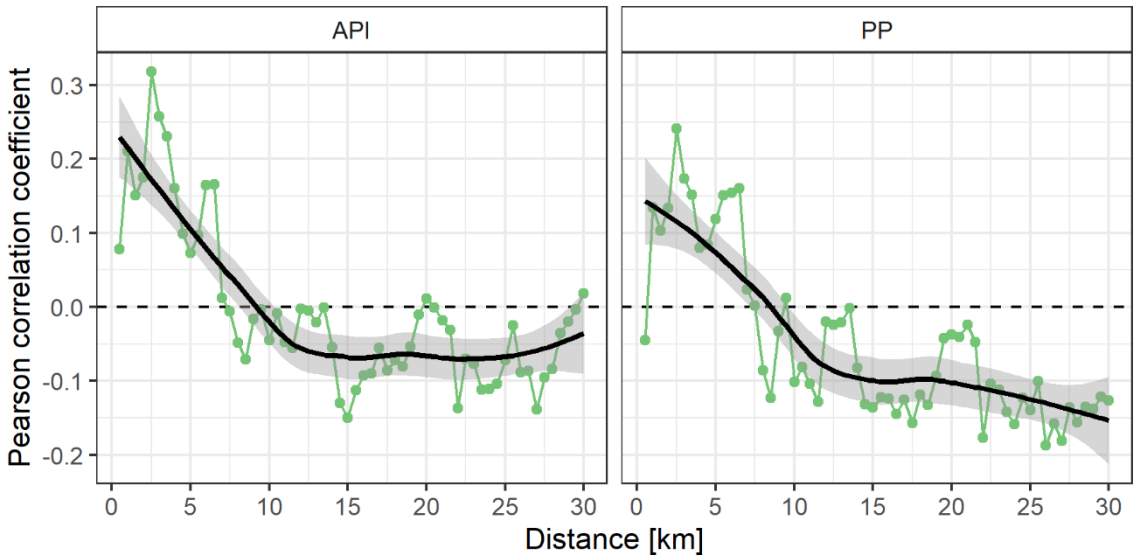

Figure S2. Correlation coefficients between potential source areas and annual pollen integral (API) and pollen peak (PP), respectively, for 23 selected pollen stations in Bavaria, Germany. The potential source areas have been weighted by cultivation intensity (PSA_{CI}) for each of the 60 rings. Stations (DEUFS/DEGARM/DEBERC/ DEHOF were excluded. Loess smoothing was performed using geom_smooth() with a span of 0.7.

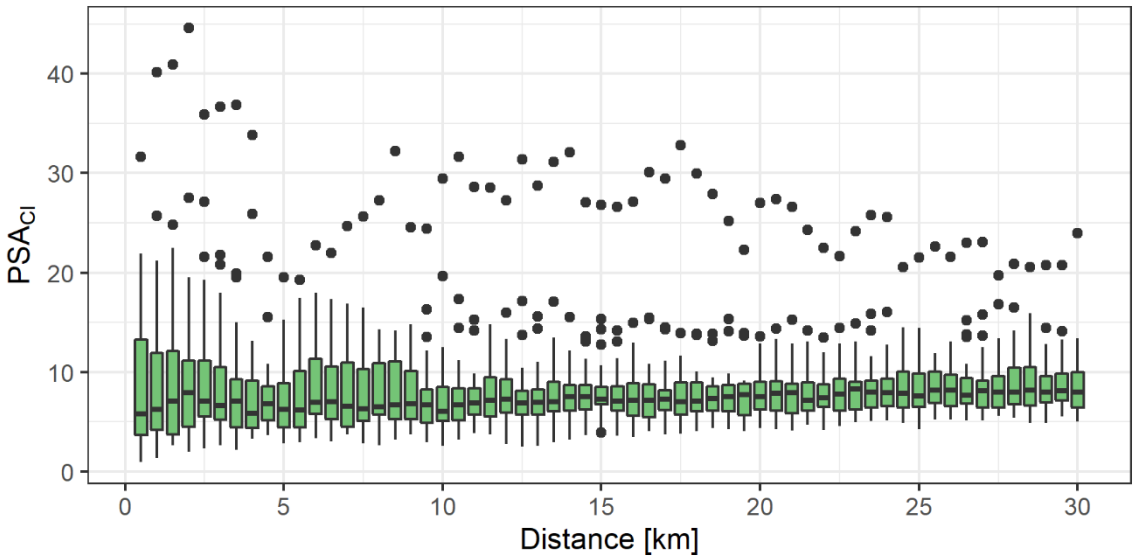

Figure S3. Boxplots showing the variability of potential source areas weighted by cultivation intensity (PSA_{CI}) from 23 selected pollen stations per 500-m distance.