Data include birds' individual ID, common and scientific species name, the year data have been assessed. For each species we include species traits which were assessed by literature according to Wilman et al. (2014) and Zimmermann et al. (1996) We include habitat specialization (generalists: use at least various habitat types; specialists: occur exclusively in riparian thickets), feeding guild (insectivorous: > 50 percent invertebrates in diet; frugivorous: > 50 percent fruits and nectar in diet; omnivorous ≤ 50 percent in all diet categories), percentage time spent foraging on the ground (ground-foraging behavior), hand-wing index (HWI), and animal mass (in g) measured when the birds where tagged in the field.

The spreadsheet including data on birds’ habitat use includes proportional use of each habitat type (riparian thicket, agricultural land, riverbed, settlement), which was calculated as the number of locations within a certain land-use category divided by the total number of locations x 100 for each bird individual separately.

The spreadsheet on birds’ home ranges includes the number of fixed per individual, as well individual home-range sizes, which were estimated using autocorrelated kernel density estimation (AKDE) in ha for 95%, 75% and 50% levels.

The spreadsheet on birds’ movement speed includes X and Y- coordinates (UTM, WGS 84, 37M), the date and the exact time, when the position was assessed, the distance (in m) calculated between subsequent locations, the temporal interval between subsequent locations (dt in sec.), the movement speed calculated from movement distances between subsequent locations of individuals (in m/s), and the habitat type for the respective location (riparian thicket, agricultural land, riverbed, settlement).