**Supplementary material**

In this Supplementary material we present the raw results of the models used to estimate the overall population growth (Table S1) and the population growth in different habitats (Table S2), where we further considered the effect of the initial number of nests found in each plot.

**Table S1**. Estimation of population growth rates across years. We used generalized linear mixed model fit by maximum likelihood, with a Poisson error distribution, using plot ID as a random factor. Annual growth rate was calculated as the exponential of the coefficient of Year and significant estimates are indicated in bold.

(A)

|  |
| --- |
| Entire dataset: 840 observations, 60 plotsVariance associated with random factor (plot ID): 0.423, model r² = 0.807 |
|  | Estimate | Std.Error | z-value | Pr(>|z|) |
| (Intercept) | **1.413468** | 0.099856 | 14.155 | <2e-16\*\*\* |
| Year | **0.014417** | 0.003203 | 4.502 | 6.75e-06\*\*\* |

**Table S2.** Estimation of population growth rates in different habitats (assessed by an interaction term between year and type of habitat, Year:Habitat), including the effects of the initial number of nests counted in each plot (Number of nests in 2009). We used generalized linear mixed model fit by maximum likelihood, with a Poisson error distribution, using plot ID as a random factor. Annual growth rates were calculated as the exponential of model coefficients and significant estimates are indicated in bold.

(A)

|  |
| --- |
| Entire dataset: 840 observations, 60 plotsVariance associated with random factor (plot ID): 0.08272, , model r² = 0.814 |
|  | Estimate | Std.Error | z-value | Pr(>|z|) |
| Year (growth rate) | 0.00964 | 0.0135 | 0.713 | 0.476 |
| Habitat = Shrub | -0.28687 | 0.3522 | -0.815 | 0.415 |
| Habitat = Caves | 0.48852 | 0.2699 | 1.810 | 0.070 |
| Habitat = Boulders | **0.55251** | 0.2736 | 2.020 | 0.043\* |
| Number nests in 2009 | **0.14364** | 0.0162 | 8.869 | <2e-16\*\*\* |
| Year:Habitat(Shrub) | **0.05006** | 0.0183 | 2.740 | 0.0061\*\* |
| Year:Habitat(Caves) | 0.00310 | 0.0142 | 0.218 | 0.828 |
| Year:Habitat(Boulders) | -0.00057 | 0.0145 | -0.039 | 0.969 |