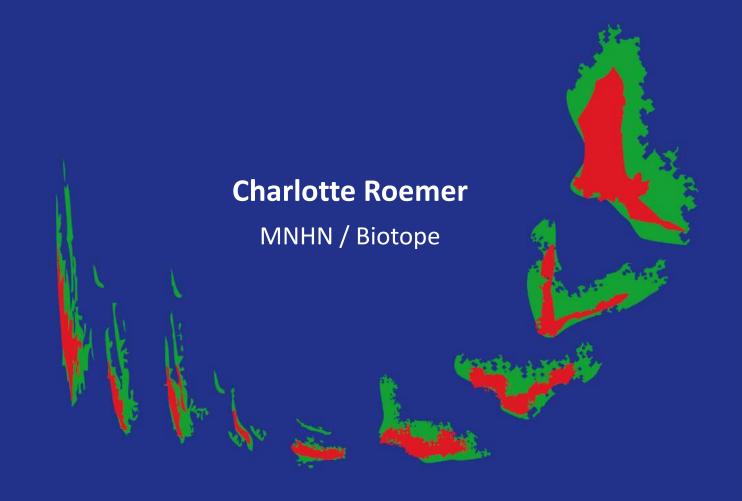
Methods for the assessment of collision risks: underpasses at roads or railways







Context

Construction of a high-speed railway in Southern France (Montpellier): crossing potential bat comuting routes



Site 1 Site 2

+ 2 other study sites

Goal of the study

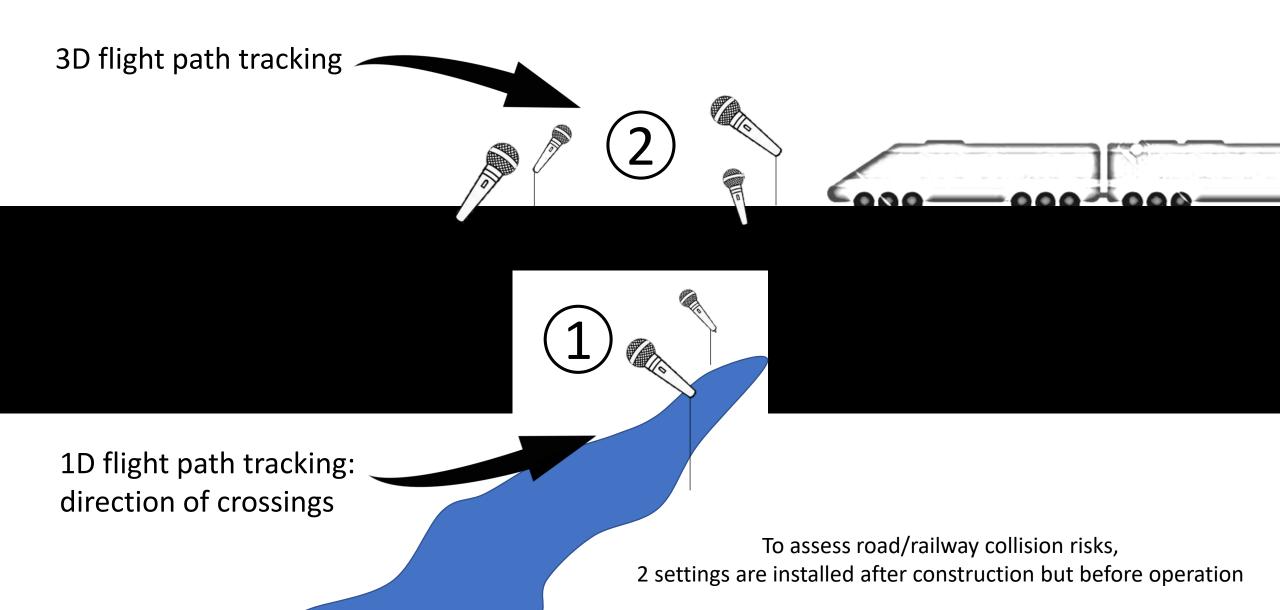
- Test the effect of hedgerow height
 - on the proportion of bats flying under the underpass
 - or flying above the railway

But...

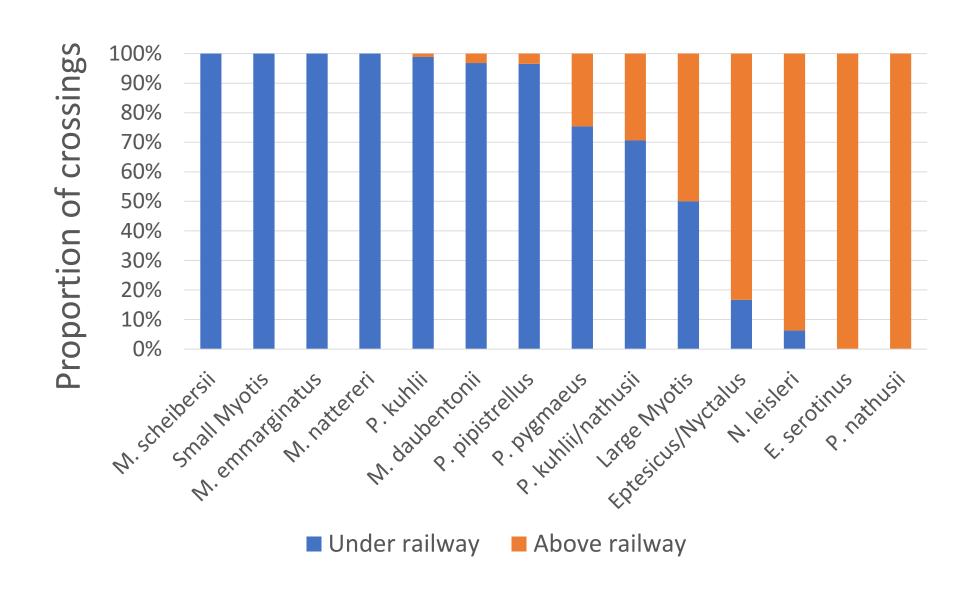
- Only 4 study sites (2 small hedges + 2 tall hedges)
- Different gaps between railway and hedgerow
- 3 nights of survey (1 small hedge + 1 tall hedge) X 2
- Moonlight very different on both surveys

So this presentation is only about the method

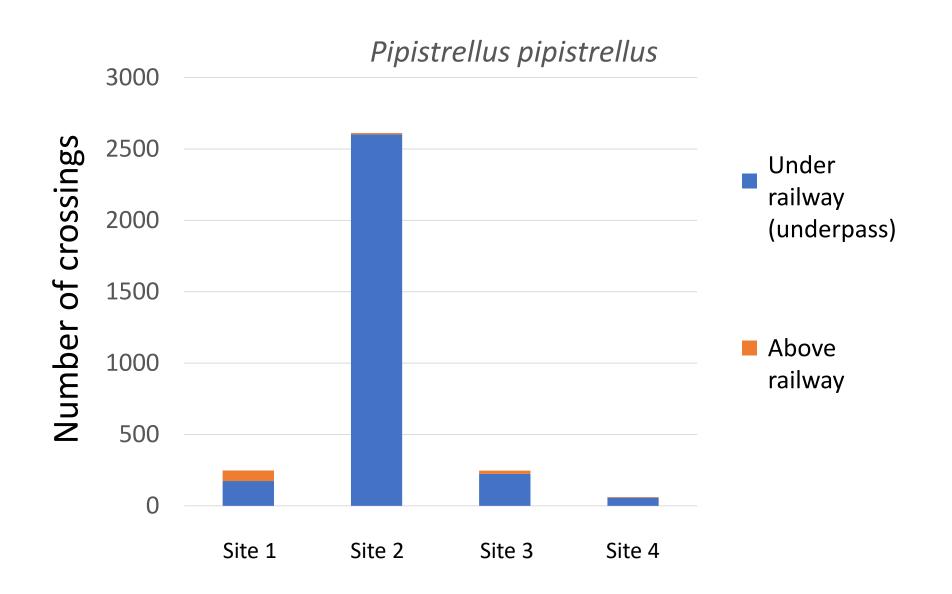
Method



Examples of results



Examples of results



Examples of results

Orientation of flight trajectories viewed from top = crossings above the railway (all species)

