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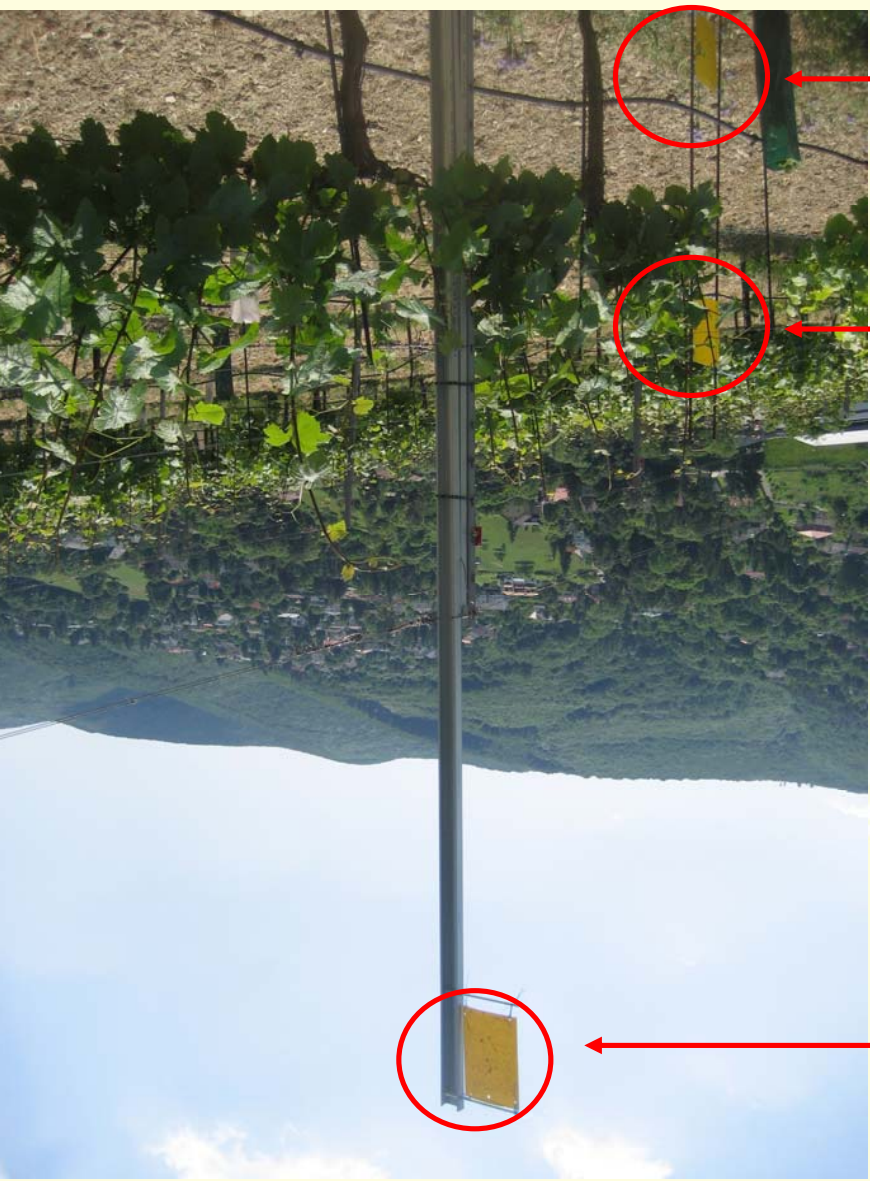
# **Search for possible vectors of Bois noir in Austrian vineyards**

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# Aims of our work

- Observe the Auchenorhyncha fauna in 2 BN infected vineyards with different methods
  - investigate the characteristics of the species - migratory behavior, feeding preference
- Draw conclusions from our and literature data and perform transmission experiments with interesting species



10-20cm

100-120 cm

350-400 cm

# Material and methods





Altogether 155 Auchenorhyncha species  
recorded

Results between vacuum sampling and  
yellow sticky traps (herb layer) considerably  
different

Low numbers of species and  
individuals 350-400 cm above ground  
level

# Transmission experiments

- We observed a transmission of stolour phytoplasma to *Vicia faba* by *Anaceratagalla ribauti*,



- up to now not found a new species transmitting BN