

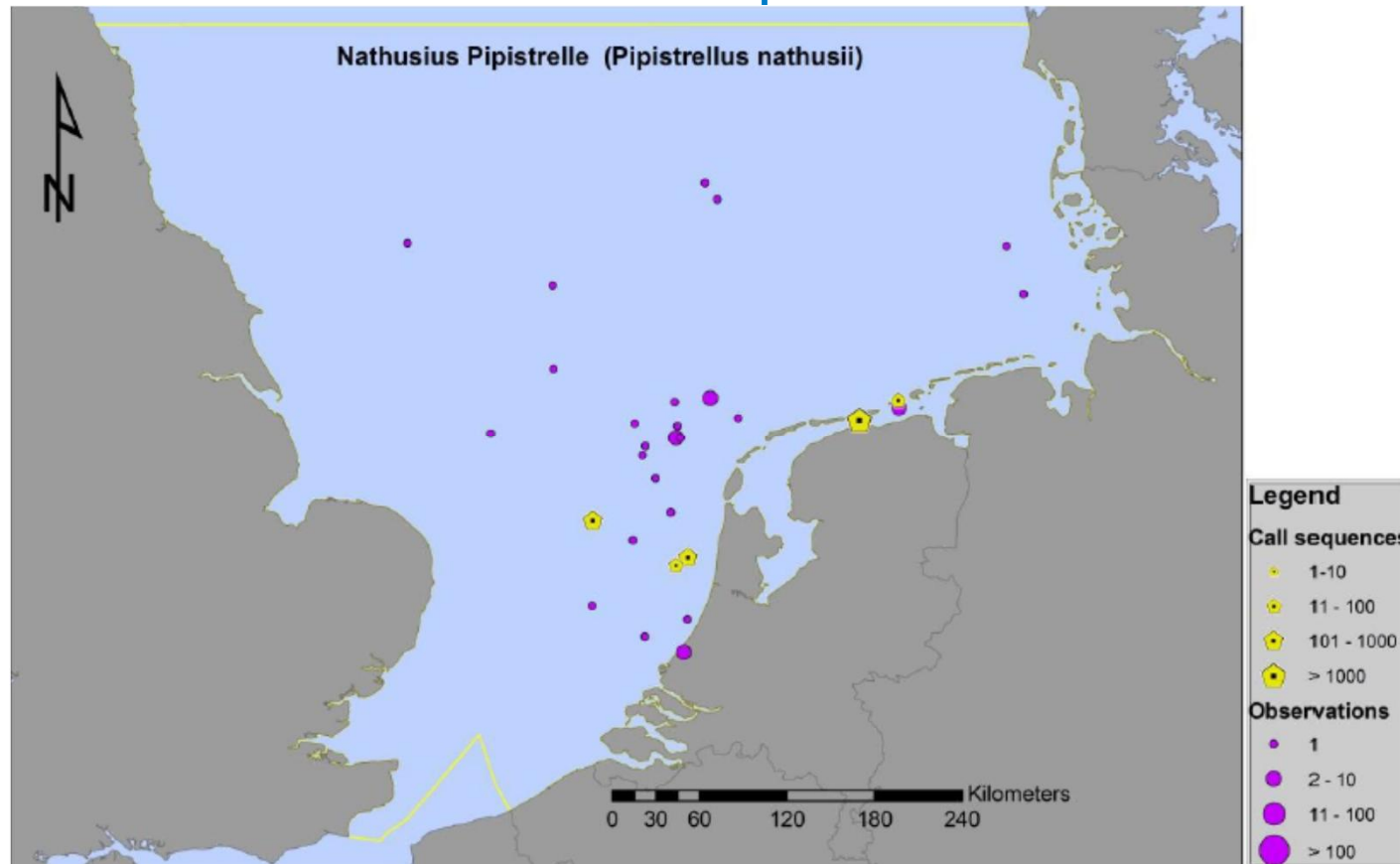
Bats at sea! Bats at risk? Need for research

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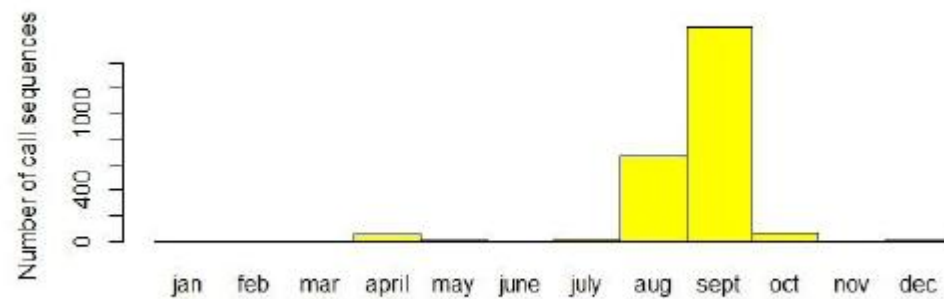
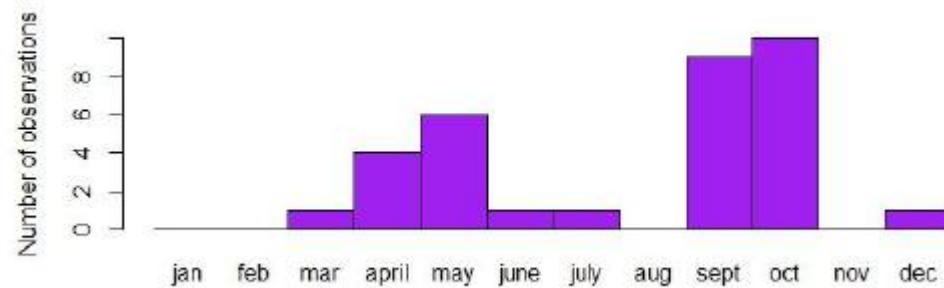


Records of Nathusius' Pipistrelle, autumn 2012: an example





... and when do they occur...





Bats and (offshore) wind farms

- Bats well-known to be prone to collision risk in onshore wind farms
- All bat species strictly protected by EU Habitat Directive
- Knowledge gaps:
 - Are bats attracted to (offshore) wind farms
 - Details on flight behaviour within wind farms
 - What numbers of bats actually cross the North Sea
 - Which proportion of populations (and at which scale) are at risk



Focus points of current offshore bat research

- Predicting migration peaks at sea by analysis of weather influences
- Determining migration routes by telemetry
- Attempts at quantifying detailed flight behaviour within wind farms
- Attempts at quantifying/modelling collision victims