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Tango to traffic : a field study into consequences of noisy urban conditions for acoustic courtship interactions in birds

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Citation

Halfwerk, W. (2012, March 1). *Tango to traffic : a field study into consequences of noisy urban conditions for acoustic courtship interactions in birds*. Retrieved from <https://hdl.handle.net/1887/18535>

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Cover Page



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Title: Tango to traffic : a field study into consequences of noisy urban conditions for acoustic courtship interactions in birds

Issue Date: 2012-03-01

STELLINGEN

behorende bij het proefschrift

“Tango to traffic. A field study into consequences of noisy urban conditions
for acoustic courtship interactions in birds”

van Wouter Halfwerk

1. Anthropogenic noise affects both production and perception of bird song through overlap of acoustic energy.
(*this thesis*)
2. The impact of noise on individual reproductive success depends on species-specific behavior and interactions among species.
(*this thesis*)
3. Urban songs are adaptive.
(*chapter 3 of this thesis, contra Nemeth & Brumm 2010*)
4. Urban noise can bring males and females physically together, but may drive them sexually apart.
(*this thesis*)
5. In animal communication, receivers can only use statistical inference to assess the signal reliability of senders.
6. Sensory processing is influenced by life-time experiences and will therefore differ among individuals.
7. Behavioral changes, for instance driven by learning errors, can have a strong impact on Darwinian fitness as well as reproductive isolation and deserve therefore a more prominent role in evolutionary biology.
(*after Dukas & Ratcliffe 2009*)
8. *Nothing in evolution makes sense except in the light of ecology.*
(*after Piersma & van Gils 2011*)
9. Omdat data *nooit* voor zich spreken hebben ze een verhaal nodig om begrepen te worden.
10. Beter een domme vraag gesteld dan een slimme vraag verzwegen.
11. De schaal waarop proefmonsters worden uitgedeeld kan gezien worden als de mate van waardeeloosheid van het betreffende product.
12. Als beter gelet was op het zangpatroon had de *kleine karekiet* inderdaad beter *TjebbeTjebbeFritsFrits* kunnen heten.
(*conform Heinz*)