

## Early learning and speciation : the effects of early experience on sexual and aggressive behaviour in Lake Victoria cichlid fish

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## Citation

Verzijden, M. N. (2008, January 9). *Early learning and speciation : the effects of early experience on sexual and aggressive behaviour in Lake Victoria cichlid fish*. Retrieved from https://hdl.handle.net/1887/12549

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## Stellingen

1) Female cichlids of at least two genera from Lake Victoria sexually imprint on their mothers' phenotype (this thesis).

2) Male aggression biases may cause both positive and negative frequency dependent selection on the male phenotype, depending on the circumstances the males grow up in (this thesis).

3) Lake Victoria cichlids show a sex difference in the ontogeny of the recognition of male conspecifics (this thesis).

4) Sexual imprinting may be conducive to divergence of traits as well as reproductive isolation (this thesis, ten Cate et al 2005).

5) The possible loss of choosiness in mate selection after hybridization may not be disentangled from intermediate female mate preferences.

6) Research on Lake Victoria cichlids provides support for several different speciation patterns; this weakens their usefulness for furthering our understanding in speciation.

7) Turbid water precludes clear vision and smell (in addition to stelling 11 by M.Maan)

8) Learning is too often ignored in theoretical models as a driving force in evolutionary processes.

9) The current exponential increase in collecting information on citizens and immigrants with the purpose of a functional society is the hallmark of a dysfunctional society.

10) The common belief about the three second memory span of a gold fish is fed by the observation of the time it takes for the fish to complete a round in its bowl.

11) Knowing what you want is an important thing to learn.

12) Alle zeilen bijzetten is alleen handig als de wind uit de juiste richting komt.

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