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

Verzijden, M.N.

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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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