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Universiteit Leiden



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Title: Systematic, phylogenetic and pollination studies of *Specklinia* (Orchidaceae)

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PROPOSITIONS
accompanying the PhD thesis

Systematic, phylogenetic and pollination studies of *Specklinia* (Orchidaceae)
Adam P. Karremans

1. *Specklinia* as defined based on a combination of morphological and molecular characters is monophyletic – this thesis: chapter 6
2. The names *Specklinia endotrachys* and *S. glandulosa* have been applied to several well-distinguished species – this thesis: chapters 1, 2 and 3
3. Truly new orchid species, those that have never been seen before, are increasingly rare, but can still be found in remote areas – this thesis: chapters 4 and 5
4. Only type specimens can be identified with complete certainty, everything else is our own interpretation – this thesis: chapters 6 and 7
5. When similarities appear much larger than individual differences, we tend to overlook those differences – this thesis: chapters 1 and 3
6. If we stare too long at copies of the same thing we will eventually find differences between them – this thesis: chapters 1 and 3
7. Without contradicting data a critique is nothing more than an opinion – this thesis: chapter 7
8. Floral nectar is employed by *Specklinia* to attract *Drosophila* species for pollination – this thesis: chapter 8
9. Nothing is more convincing than pheromones – this thesis: chapter 8
10. Absence of evidence is not evidence of absence – this thesis: chapter 8
11. Scientist are ephemeral, scientific knowledge lingers
12. De cosas nacen cosas (Niet geschoten is altijd mis) – Franco Pupulin, paraphrased from Parmenides