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**Chasing sympatric speciation: The relative importance and genetic basis of prezygotic isolation barriers in diverging populations of *Spodoptera frugiperda***

Hänniger, S.

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# CONTRIBUTIONS OF AUTHORS

## **2: No strain-specific differences in preference and performance of *Spodoptera frugiperda* larvae on typical host plants**

*S. Hänniger, D.G. Heckel & A.T. Groot*

*Experimental design:* S. Hänniger, A.T. Groot, D.G. Heckel

*Conduct of experiments:* S. Hänniger

*Data analysis:* S. Hänniger, A.T. Groot

*Preparation of manuscript:* S. Hänniger

*Revision of manuscript:* A.T. Groot, D.G. Heckel

## **3: Population structure of *Spodoptera frugiperda* maize and rice host forms in South America: are they host strains?**

*M.L. Juárez, G. Schöfl, M.T. Vera, J.C. Vilardi, M.G. Murua, E. Willink, S.*

*Hänniger, D.G. Heckel & A.T. Groot*

*Experimental design:* M.L. Juárez, A.T. Groot

*Conduct of experiments:* M.L. Juárez

*Data analysis:* M.L. Juárez, A.T. Groot, G. Schöfl, J.C. Vilardi, M.T. Vera

*Preparation of manuscript:* M.L. Juárez, A.T. Groot

*Revision of manuscript:* M.L. Juárez, G. Schöfl, S. Hänniger, M.T. Vera, J.C. Vilardi, M.G. Murua, E. Willink, D.G. Heckel

## **4: Pheromonal divergence between two strains of *Spodoptera frugiperda***

*M. Unbehend, S. Hänniger, R.L. Meagher, D.G. Heckel & A.T. Groot*

*Experimental design:* M. Unbehend, D.G. Heckel, A.T. Groot

*Conduct of experiments:* M. Unbehend, S. Hänniger, R.L. Meagher, A.T. Groot

*Data analysis:* M. Unbehend, A.T. Groot

*Preparation of manuscript:* M. Unbehend, A.T. Groot

*Revision of manuscript:* M. Unbehend, S. Hänniger, R.L. Meagher, D.G. Heckel, A.T. Groot

## **5: Geographic variation in sexual attraction of *Spodoptera frugiperda* corn- and rice-strain males to pheromone lures**

*M. Unbehend, S. Hänniger, G.M. Vázquez, M.L. Juárez, D. Reising, J.N. McNeil,*

*R.L. Meagher, D.A. Jenkins, D.G. Heckel & A.T. Groot*

*Experimental design:* M. Unbehend, S. Hänniger, D.G. Heckel, A.T. Groot

*Conduct of experiments:* M. Unbehend, S. Hänniger, G.M. Vázquez, M.L. Juárez, D. Reising, J.N. McNeil, R.L. Meagher, D.A. Jenkins, A.T. Groot

*Data analysis:* M. Unbehend, G.M. Vázquez, A.T. Groot, D.G. Heckel

*Preparation of manuscript:* M. Unbehend, A.T. Groot, D.G. Heckel, J.N. McNeil

*Revision of manuscript:* M. Unbehend, S. Hänniger, G.M. Vázquez, M.L. Juárez, D. Reisig, J.N. McNeil, R.L. Meagher, D.A. Jenkins, D.G. Heckel, A.T. Groot

**6: Genetic basis of prezygotic isolation in the fall armyworm**

*S. Hänniger, M. Unbehend, G. Schöfl, S. Gebauer-Jung, H. Vogel, D.G. Heckel & A.T. Groot*

*Conduct of experiments:* G. Schöfl, S. Hänniger, M. Unbehend, A.T. Groot

*Data analysis:* S. Hänniger, M. Unbehend, G. Schöfl, S. Gebauer-Jung, H. Vogel, D.G. Heckel, A.T. Groot

*Preparation of manuscript:* S. Hänniger, M. Unbehend

*Revision of manuscript:* S. Hänniger, M. Unbehend, G. Schöfl, S. Gebauer-Jung, H. Vogel, D.G. Heckel, A.T. Groot

**7: Annotation of clock genes in the genome of *Spodoptera frugiperda***

*S. Hänniger, P. Dumas, D.G. Heckel & A.T. Groot*

*Annotation:* S. Hänniger, P. Dumas

*Preparation of manuscript:* S. Hänniger, P. Dumas

*Revision of manuscript:* D.G. Heckel, A.T. Groot

**8: Evolution of reproductive isolation in *Spodoptera frugiperda***

*A.T. Groot, M. Unbehend, S. Hänniger, M.L. Juárez, S. Kost & D.G. Heckel*

*Preparation of manuscript:* A.T. Groot, M. Unbehend, S. Hänniger, M.L. Juárez, S. Kost

*Revision of manuscript:* D.G. Heckel, A.T. Groot

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## CURRICULUM VITAE

Sabine Hänniger was born on July 9<sup>th</sup>, 1980 in Heiligenstadt, Germany, where she attended primary school and high school. Sabine started studying to obtain a 1<sup>st</sup> Staatsexamen (degree for high school teachers, equivalent to MA) in October 1999 at the Friedrich Schiller University in Jena, Germany. She took a detour via English and Politics, but then focused on Biology and Philosophy/Ethics. She completed her thesis in the field of Botany and Nutritional science entitled 'Untersuchungen zur infragenerischen Variabilität von Carotinoiden in der Gattung *Rosa*' ('Investigating infrageneric variability of carotenoids in the genus *Rosa*'). Sabine obtained her 1<sup>st</sup> Staatsexamen in Biology and Philosophy/Ethics in April 2009. She started to work on her PhD thesis at the Max Planck Institute for Chemical Ecology in Jena, Germany in May 2009, supervised by Astrid T. Groot, David G. Heckel and Steph B. J. Menken. During the time of her PhD student position she was on maternity leave for 11 months. In August 2015, Sabine accepted a teacher's trainee position in Jena, Germany.

*'Getting an education was a bit like a communicable sexual disease.  
It made you unsuitable for a lot of jobs and then  
you had the urge to pass it on.'*  
Terry Pratchett, *Hogfather*