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The structure of flower visitation webs: how morphology and abundance affect interaction patterns between flowers and flower visitors

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Curriculum vitae

I was born on the 17th of October 1959 in Greifswald, Germany. My family moved to Berlin in 1961. In June 1978 I finished secondary school at the Sophie Scholl Gymnasium in Berlin. Between 1978 and 1986 I studied Biology at the Free University of Berlin with the main focus on morphology, physiology and ecology. During my study I was a student tutor at the Institute of Systematic Botany and Plant Geography (1983-1986). My Diploma thesis from 1986 was on the pollination biology of *Stachys recta* and *Anthericum liliago* as elements of dry meadows. In 1986 I married Ingo Stang. Between 1986 and 1997 I got two commissions at the Institute of Systematic Botany and Plant Geography. In the first one I mapped and characterized dry meadows in the Werra-Meißner Region, Hessen, Germany. The second one was on the floral biology of *Pulsatilla vulgaris* and *Scabiosa columbaria*. In 1988 and 1989 I received a scholarship at the Institute of Systematic Botany and Plant Geography for studying the flowering phenology and pollination ecology of xerothermic vegetation complexes in Central and Southern Germany. I worked as a guide in the Botanical Garden Berlin Dahlem (1984-1990) and as a lecturer at the Institute of Systematic Botany and Plant Geography (1987-1990). In 1991 my husband and I moved to the Netherlands. Since 1993 I am a member of the IVN, a non-profit nature education organisation in the Netherlands. I am involved in several nature education projects such as nature courses and the training of nature guides. In 1995 I joined the group Plant Ecology at Leiden University as a guest researcher and worked in this group on the flowering phenology of plant communities in the dunes. Between 1995 and 1999 I also collaborated with Bodo Schick, University of Kassel, Germany. We worked on two projects, the

functional morphology and functional classification of flowers and the anthogram, a method to describe flowering phenology and floral diversity of plant communities. The results of this work were presented at different conferences in Germany during 1997 and 1999. In 1999 I collaborated also with Werner Kreisch, associated scientist of the Botanical Garden and Botanical Museum Berlin, Germany. We worked together on the floral biology of alpine plants in Austria. Between 2000 and 2002 I developed in Leiden an index of floral complexity in order to predict pollinator diversity. I tested this index in plant communities in the dunes. This work resulted in a publication on the relationship between plant species diversity and flower complexity along a moisture gradient in a wet dune valley. Since 2001 I am involved at the University of Leiden in field ecology courses, I give lectures on pollination ecology and community ecology and supervise bachelor students. In 2003 I started a PhD project about the structure of a flower visitation web in a Mediterranean plant-flower visitor community under the supervision of Eddy van der Meijden and Peter Klinkhamer. This work resulted in this thesis.