

BIOGRAPHICAL SKETCH

CORINNA GRIES

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PROFESSIONAL PREPARATION

Christian Albrechts University Kiel, Ph.D., Botany, 1988
Arizona State University, Post Doctoral Associate, 1988-1990

APPOINTMENTS

Currently, Director of Information Management, Global Institute of Sustainability, Arizona State University; 2002 – 2006 Information Manager, Central Arizona – Phoenix, Long Term Ecological Research Project, Global Institute of Sustainability, Arizona State University; 1994-2002, Assistant Research Professor with teaching responsibilities, Department of Plant Biology, Arizona State University; 1993, 1995, 1999, Research with Dr. J. Kesselmeier, Max Planck Institute for Biogeochemistry in Mainz, Germany; 1990-1994, Faculty Associate, Department of Plant Biology Arizona State University.

RECENT PUBLICATIONS

- C.Gries, 2002. Considerations for the Construction of Lichen Databases. In: Geiser, L, and R. Reynolds, Using Lichens as Indicators of Air Quality on Federal Lands. Workshop Report, USDA R6-NR-AG-TP-01-02
- Hope, D., C. Gries, W. Zhu, W. F. Fagan, C. L. Redman, N. B. Grimm, A. L. Nelson, C. Martin, A. Kinzig. 2003. Socioeconomics drive urban plant diversity. *Proceedings of the National Academy of Science* 100(15): 8788-8792.
- R.Schoeninger, C.Gries, T.H.Nash III, 2002. Herbarium databases: creations and maintenance. pp. 291-299. In: Llimona, X, Lumbsch, H.T. and Ott, S. (eds.). Progress and Problems in Lichenology at the Turn of the Millenium - IAL 4. Berlin-Stuttgart: J. Cramer in der Gebrueder Borntraeger-Verlagsbuchhandlung.
- Gries, C., J.G.Romagni, T. H. Nash, U. Kuhn, and J. Kesselmeier 1997. The relation of H₂S release to SO₂ fumigation in lichens. *The New Phytologist* 136:703-711
- Gries, C., T. H. Nash III, and J. Kesselmeier. 1994. Exchange of reduced sulfur gases between lichens and the atmosphere. *Biogeochemistry* 23:1-15.
- T.H.Nash, III, B.D.Ryan, C.Gries, F.Bungartz (eds.) 2002. Lichen Flora of the Greater Sonoran Desert Region. Vol. 1. Lichens Unlimited. Tempe, AZ. Pp. 532.
- G.Stuart, C.Gries, D.Hope 2005. The Relationship Between Pollen and Extant Vegetation Across An Arid Urban Ecosystem and Surrounding Desert. *Journal of Biogeography*, (in press).
- D. Hope, C. Gries, C.L. Redman, C. Martin, N.B. Grimm, A. Nelson, A. Kinzig. 2006. Drivers of spatial variation in plant diversity across the Central Arizona-Phoenix ecosystem. *Society and Natural Resources* (In Press) 19.
- D. Hope, Gries, D., Warren, P., Katti, M., Stuart, G., Oleson, J., Kaye, J. How do humans restructure the biodiversity of the Sonoran desert? 2005. In: Connecting Mountain Islands and Desert Seas: Biodiversity and Management of the Madrean Archipelago II, 2004 May 11-15, Tucson, AZ. USDA Forest Service Proceedings RMRS-P-26: 189-194 (Fort Collins, CO).
- D. Hope, W. Zhu, C. Gries, J. Oleson, J. Kaye, N.B. Grimm, L. Baker, D. Jenerette. 2005 Spatial variation in inorganic soil nitrogen across an arid urban ecosystem. *Urban Ecosystems* 8:251-273

SYNERGISTIC ACTIVITIES

- 2002, CoPi In NSF ITR funded project Networking Urban Ecological Models Through Distributed Services.
- 2000, CoPi In NSF BDI funded project Linking our Research Legacy; 1999-present, database manager

for Central Arizona - Phoenix LTER long-term monitoring project (Survey 200); 1988-present, database manager of the ASU lichen herbarium, CoPI in NSF BRC-funded project Completion of Sonoran Desert and ASU Lichen Databases.

Recent Professional Activities

2005-current Member executive committee LTER Information Manager Committee.

2004, 2005, 2006 organized workshops for LTER Information Manager Committee meetings on various aspects of data management.

2002 organized workshops for other LTER sites to introduce EML

2001, 2002 Participated in workshops for developing “Ecological Metadata Language” (EML),.