

Silvia Venturi

Curriculum Vitae

Graduated in Biology at Federal University of Santa Catarina (1994) and master's degree in Botany at Federal University of Rio Grande do Sul (2000). Has experience in Botany, focusing on Herbarium, Plant Ecology, acting on the following subjects: restinga, forest structure, phytogeography, plant physiology, germination, seeds, dormancy and scientific collections. She is currently Curator of the FLOR Herbarium, Department of Botany - Federal University of Santa Catarina.

Degrees:

1997 - 2000 Masters in Botany.

Universidade Federal do Rio Grande do Sul, UFRGS, Brasil.

Title: Florística e fitossociologia do componente apoiante-escandente em uma floresta costeira subtropical

Advisor: Jorge Luís Waechter.

1995 - 1997 Improvement in Plant Physiology.

Universidade Federal de Santa Catarina, UFSC, Brasil.

Title: Euterpe edulis: Aspectos da Regeneração Natural; sub-projeto: Crescimento de Euterpe edulis sob diferentes níveis de luminosidade.

Advisor: Maria Terezinha Silveira Paulilo.

1990 - 1994 Graduation in Biology.

Universidade Federal de Santa Catarina, UFSC, Brasil.

Cursos e formações:

2017 – Curator Experience at Rio de Janeiro Botanical Garden Herbarium, Rio de Janeiro, Brazil (Hours: 40h)

2017 - Curator Experience at Herbarium of the Amazon Research Institute - INPA, Manaus, Brazil (Hours: 40h)

2011 - herbarium collections: knowledge management and use. Instituto de Pesquisa Jardim Botânico do Rio de Janeiro (Carga horária: 40h).

2010 - Work experience in herbarium curatorship. Royal Botanic Gardens Kew (Hours: 30h).

2006 - Ethnecology and Natural Resource Management. Brazilian Society of Ethnobiology and Ethnecology (Hours: 8h).

2002 - Implementation and management of Conservation Units. Federal University of Santa Catarina, UFSC, Brazil. (Hours: 72h).

1999 - Nursery With Native Plants Of The Atlantic Forest. Pau Campeche Group, Florianópolis, SC (Hours: 20h).

1997 - Hydrological Processes in Forests. Brazilian Society for the Progress of Science. (Hours: 6h).

1996 - Introduction to Ethnobotany - Prof. Monserrat Rios. Botanical Society of Brazil - DF. (Hours: 10h).

Professional performance:

Universidade Federal de Santa Catarina, UFSC, Brasil.

2008 – Actual

Type of contract: Government Employee, Functional Placement: Biologist, Credit Hours: 40, Scheme: Exclusive Dedication. Performance: General Curator of FLOR Herbarium

Research projects:

2010 – Atual

Flora Catarinense Revisitada

Description: Study of collections carried out in the eighteenth century, searching for species types collected in SC, tracking endemic species and retrieving information about the history of botany in the state. In addition, the project foresees the search for rare or endemic species populations in the field.

Members: Rafael Trevisan - Coordinator / Maria Leonor D'El Rei Souza - Member / Ana Zanin - Member / Silvia Venturi - Member.

Projetos de Extensão:

2011 – 2014

Botanical Collection: online access to the FLOR Herbarium collection

Description: General Purpose: Make the FLOR Herbarium collection available online. Specific Objectives - Enter the information regarding the copies of the FLOR Herbarium collection, in a database that will integrate the site <http://www.splink.org.br/index>. -Assist in assisting face-to-face visitors at the FLOR Herbarium, indicating the possibilities of using online herbarium Methodology The information of the records of each exsiccates will be entered in the database of the FLOR collection. Upon completion of this procedure for the 40,000 herbarium specimens, the information will be made available on the splink. Explanations will be made about the use of this online tool to access scientific information about plants, especially to schools participating in projects linked to the Come Meet the UFSC Program.

Members: Rafael Trevisan - Coordinator / Maria Leonor D'El Rei Souza - Member / Silvia Venturi - Member.

2016 – Atual

The Herbarium FLOR as a heritage of Santa Catarina society: curatorship of the collection and space for scientific education

Description: Herbariums are biological collections that protect the natural heritage in the form of plant samples, and play a fundamental role in documenting and understanding biodiversity. Its curatorship involves not only the preservation and maintenance of the collection, but also the preparation and availability of specimen information to society, especially those interested in research or nature conservation policies and strategies. Attempts to contextualize herbariums as spaces of science education have already been reported, although their full potential is still little explored. The Herbarium FLOR of the Department of Botany, despite the little investment it receives, provides an important service to society in general, being mainly linked to research in the field of Plant Systematics. In this project we aim to intensify the availability of your information through the curatorship of the

collection, as well as explore the potential of the herbarium FLOR as a space for science education for Santa Catarina society, especially for children and young people from Florianópolis Basic Education and region. This project foresees the participation of teachers and a technician of the Department, fellows and volunteer students of undergraduate courses in Biological Sciences at UFSC. To achieve the objectives, curatorial activities and pedagogical activities related to herbarium activities will be planned and applied by the participating students. A booklet containing suggestions for interesting teaching activities will be produced and made available for future school visits to the UFSC Botany Department.

Members: Mayara Krasinski Caddah - Coordinator / Silvia Venturi - Member.

Publications:

FERREIRA, J.P.R.; VENTURI, S.; TREVISAN, R. . *Eleocharis guaglianoniana* (Cyperaceae), a new species from southern Brazil. *The Journal of the Torrey Botanical Society*, v. 142, p. 186-191, 2015.1.

REIS, A. ; PAULILO, M. T. S. ; NAKAZONO, E. M. ; VENTURI, S. . Efeito de diferentes níveis de dessecação na germinação de sementes de *Euterpe edulis*. *Ínsula (Florianópolis), Florianópolis*, v. 28, p. 31-42, 1999.

VENTURI, S.; PAULILO, M. T. S. . Esgotamento das reservas na semente de *Euterpe edulis* Mart. e efeito da nutrição mineral nas plântulas. *Acta Botanica Brasilica, Brasília*, v. 12, n.2, p. 215-220, 1998.

VENTURI, S.; RANDI, A. M. . Influência da coloração das sementes na germinação de *Phyllanthus tenellus* Roxb. e

VENTURI, S.; RANDI, A. M. . Preliminary studies on the growth of *Phyllanthus niruri* L. (Euphorbiaceae). *Biotemas (UFSC)*, v. 10, p. 61-70, 1997.

OLIVEIRA, E. ; VENTURI, S. ; RANDI, A. M. . Comunicação: Estudo Preliminar sobre o Potencial de Germinação de algumas Espécies de *Phyllanthus* (EPHORBIACEAE). *Revista Brasileira de Sementes*, v. 19, p. 389-392, 1997.

ANDRADE, A. C. S. ; VENTURI, S. ; PAULILO, M. T. S. . Efeito do tamanho das sementes de *Euterpe edulis* Mart. sobre a emergência e crescimento inicial. *Revista Brasileira de Sementes*, v. 18, p. 150-157, 1996.

Full papers published in congress proceedings

QUEIROZ, M.H. ; MENDONÇA, H.N. ; SILVA, M. ; VENTURI, S. ; VIEIRA, N.K. ; HIENDLMAYER, R. ; MAZZOLLI, M. ; FIEPO, E.N. ; ANER, U. ; TOMAZI, A. ; FERREIRA FILHO, E. ; ANDREATTA, I.C.T. ; BERKENBRACK, I. . Avaliação do Grau de Implementação das Unidades de Conservação da Ilha de Santa Catarina. In: III Congresso Brasileiro de Unidades de Conservação, 2002, Fortaleza. *Anais, 2002*. v. 1.

WAECHTER, J. L. ; MULLER, S. C. ; BREIER, T. B. ; VENTURI, S. . Estrutura do componente arbóreo em uma floresta subtropical de planície costeira interna. In: V Simpósio de Ecossistemas Brasileiros: Conservação, 2000, Vitória. *Anais, 2000*. v. 3. p. 92-112.