



Growing Color: Natural Dyes from Plants

Saturday, November 5, 2016

9:00 a.m. – 4:30 p.m.

Presented by The North Carolina Arboretum www.ncarboretum.org

Asheville, NC

Event Partner Local Cloth <http://localcloth.org>





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Registration fees (includes lunch and snacks)

\$70 TNCA Member/\$75 Non-Member

There is a growing demand for natural dyes for use in the textile, cosmetic, and food industries. This conference is for professionals in the farming, herb and textile industries and anyone interested in the fascinating history and potential of growing plant-based dyes. The symposium is hosted by The North Carolina Arboretum in conjunction with Local Cloth with the purpose of bringing awareness about issues and opportunities in plant dyes in order to encourage a sustainable natural dye industry in western North Carolina. In addition to presentations, the symposium will feature vendors, demonstrations and exhibits. For more information or questions please contact ejohnson@ncarboretum.org

Registration is through the Arboretum website at www.ncarboretum.org/ Education and Programs>Lectures and Symposia

Featured Speakers

KEYNOTE Growing Color- Natural Dyes from Plants

Anne de la Sayette is a French agro-engineer and graduated in economics. She created and led the Regional Center for Innovation and Technological Transfer in Horticulture (CRITT) where she initiated and managed a 15-year innovative project on natural dyes. This interdisciplinary approach has allowed the creation of a large plant collection, the development of cultivation processes and the production of plant colorant extracts and pigments on an industrial scale. She received the 2012 “Ordre National du Mérite.”

Small is Beautiful and the Middle is Meaningful: Scaling up Natural Colorants

Sarah Bellos is founder of Stony Creek Colors in Goodlettsville, Tennessee. Developing natural dye has been Bellos' focus since 2005 when she began operating a small-batch dye house in Nashville. Bellos managed a farm while attending Cornell University and her sister was an artist, which ultimately led them to develop a business around their shared interests, filling smaller dye orders for designers. Seeing a need for greater production, she began developing the Stony Creek Colors in 2012 which currently contracts with 11 farmers to grow indigo and focuses on research and development, which she sees as imperative to developing a larger operation.

Threats to Butternut, Black Walnut and American Chestnut and Attempts to Conservation and Resistance

Ashley Case received a masters from the University of Tennessee where she worked with the tree improvement program under Dr. Scott E. Schlaubaum. Her research has focused mainly on the American chestnut and on black walnut and butternut restoration.

Introduction to Natural Dyes

Catharine Ellis has been a weaver and dyer for more than 40 years. After three decades of teaching in the fiber program at Haywood Community College, she is now dedicated to studio work, focusing on natural dye processes and teaching in the United States and internationally. Recent projects include teaching natural dyeing in Guatemala through Mayan Hands. She is the author of “Woven Shibori,” now in its second edition.

Breeding and Genomics for Source of Natural Colorants in Specialty Crops

Dr. Massimo Iorizzo is in the Department of Horticultural Science, at NC State University. His research focuses on plant breeding and genomics to improve the nutritional value of small fruit and vegetables. Iorizzo's research program aims to establish genetic and genomic resources that will ultimately elucidate the genes involved in the production of nutritionally - important phytochemical compounds (phytoactives) in economically important crops in addition to other economically relevant traits of interest, such as

disease resistance. Ongoing research involves carrot, blueberry, banana, cucumber, cranberry and spinach. This research will ultimately lead to establishing cost effective breeding and genomic strategies to develop new varieties or natural products with improved nutritional value and sustainable production.

Traditional Dye Plant Sustainability in Cherokee

Beth Ross Johnson is adult education coordinator at the Arboretum. Prior to working at the Arboretum she worked for six years with the Eastern Band of Cherokee Indians on projects to ensure that the natural dye plants and materials needed for basketry would be available for generations to come. She will introduce some of the approaches used by the tribe and show a short video funded by the tribe and produced by NCSU on bloodroot propagation.

