

# **Synthesis: Is Plant Diversity Worth Managing in Forage and Grazing Lands? (C06-sanderson072854-Oral)**

## **Authors:**

- M.A.Sanderson - *USDA-ARS*

## **Abstract:**

The purpose of this symposium is to present the latest concepts in plant biodiversity in grazing land ecosystems and discuss their potential application to management of forage and grazing lands. The symposium begins with an overview of plant diversity in grassland ecosystems, then addresses topics on morphological and physiological interactions among plants; integrating spatial and temporal scales in biodiversity; functional traits of temperate pastures; and manipulating plant diversity with grazing animals. Finally, participants will discuss the potential for exploiting biodiversity concepts in grazing land management. Key questions to be addressed include: are these concepts transferable to production agriculture and what knowledge gaps exist or what barriers are there to the application of these concepts?

## **Corresponding Author Information:**

Matt Sanderson

USDA-ARS

Building 3702, Curtin Road

University Park, PA 16802-3702

phone: 814-865-1067

fax: 814-863-0935

e-mail: mas44@psu.edu

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