Annual Report for the Physiological Section, 2014
For the period from June 2013-June 2014.
Submitted 7.21.2014

The current officers of this section are:

Chair Frank Ewers (2015)
Program Director Peter Melcher (2014)
Treasurer Anitra Thorhaug (2014)

We will have to elect, or re-elect, two officers at the Physiological Section 2014 Business Meeting. The Business meeting will be held after the Ecophysiology talks on Tuesday, July 29th. The meeting will be from 12:00 pm to 1:30 pm at the Firs South/Boise Centre.

Botany 2013, New Orleans

The following person was recommended by officers of the Physiological Section for Corresponding Membership:

Dr. Jorge Alejandro López-Portillo Guzmán (2013)
Instituto de Ecología, A.C. Xalapa, Veracruz, México

His election by the BSA Council was approved at the annual meeting.

Student awards for 2013 were:

1. Physiological Section Li-Cor Prize:
   Samuel Del Rio, California State University - Bakersfield, for the paper “Hydraulic conductance is coordinated at the leaf and stem levels among chaparral shrubs” Co-authors: Christine Hluza, Evan D. MacKinnon, Jeffrey Parker and R. Pratt

2. Physiological Section Best Student Paper Award:
   Kerri Mocko, University of Connecticut - Advisor, Dr. Cynthia Jones, for the paper “Physiological responses to drought reflect phylogenetic history in South African Pelargoniums (Geraniaceae)” Co-author: Cynthia Jones

3. Physiological Section Best Student Poster (two awardees):
   Robert “Berto” Griffin-Nolan, Ithaca College - Advisor, Dr. Peter Melcher, for the poster “The physiological responses of moss to greenlight” Co-author: Peter Melcher
   Marta Percolla, University of Connecticut - Advisor, Dr. Cynthia Jones, for the poster “Reduced number of vessel connections is positively associated with greater cavitation resistance to water stress in chaparral shrubs” Co-authors: R. Pratt, Anna Jacobsen and Michael Tobin

Botany 2014, Boise

1. The Physiology Section is Sponsoring a conference wide workshop at Boise: Non-destructive and non-intrusive measurement techniques of plant responses. Thorhaug, Anitra, Ewers, Frank, Berlyn, Graeme. This workshop will take place Sunday morning, from 8:00 until noon.

2. Contributed talks and posters scheduled for 2014:
   a. Physiology Section: 10 papers and 8 posters (18 total abstracts)
   b. Topical Presentations, Ecophysiology: 14 papers and 11 posters (25 total abstracts)