

2019 Economic Botany Section Report to the BSA Council
Submitted by Laura Klein (LeafWorks Inc., laura@leafworks.com)
20 July 2020

Current Section Governance:

Laura Klein – Chair

Emily Warchefsky – Secretary/Treasurer

Alex McAlvay – Public relations co-officer

Doressa Williams – Public relations co-officer

2018-2019 Activities:

1. BOTANY 2019 Activities and aftermath

- a. Contributed Papers: 3 presented (14 submitted) in the Ethnobotany session, with approximately 70 people in attendance for the session. 11 presented (14 submitted) in the Crops and Wild Relatives session, with approximately 80 people in attendance for the session.
- b. Contributed Posters: 12 posters were submitted to the Crops and Wild Relatives and 12 posters were submitted to the Ethnobotany subsections of the Economic Botany section.
- c. The Economic Botany business meeting was held Monday, July 29 at 4:30pm. We discussed creating a social media presence to share our news. In creating a social media account, we should attempt to make a posting every week with economic botany-related content. These posts could be quizzes, polls, historical spotlights, scientific heroes, plants of the week, etc. Board members can be in charge of a post a week. We proposed a fundraising opportunity by organizing a silent auction with materials from members, probably with a local spin or harvested from their collections or organizing a social mixer either formal with a charge (~\$10) or doing a profit share and possibly working with a corporate sponsor to host the mixer. We discussed updating the website. We talked about membership and increasing awareness of member dues – putting a social media post together for creating awareness membership. We had \$490 in dues last year (98 members). We need to make clear to what membership dues are contribute. Members expressed interest in collaborating with the Society for Economic Botany and were interested in finding out when SEB will be joining botany again for a meeting. It was proposed to raise our section dues to \$8; the motion was seconded and it passed unanimously. We would like to get a list of our members to get demographics. There was plans to develop a locally-themed symposium.

2. BOTANY 2020

- a. The section is supporting two symposia in name:
 - i. Plant epigenetics: phenotypic and functional diversity beyond the DNA sequence
 - ii. The impact of climate change on plants and their interactions with pollinators
- b. The section is supporting one colloquium in name:
 - i. Enriching basic and applied botany through multi-stakeholder collaborations

	identification of the bioactive compounds using FTIR, LC-MS and EDX		
604	Identification of 17 Chinese Rhododendron cultivars: A Preliminary Study Based on DNA Barcodes and Leaf Epidermis Microscopic Characteristics	paper	*Shen, Fengjiao [2]; Cui, Mengwei [2]; Shi, Shuo [2]; Li, Lin [2]; Zhao, Jiancheng [3]
68	Systematics, indigenous taxonomy, and conservation in Borneo: a case study in Moraceae from Kapit Division, Sarawak	paper	*Gardner, Elliot [2]; Ahmad Puad, Aida Shafreena [3]
457	Opportunity versus Necessity: What drives Environmental Reliance?	paper	*Kemigisha, Esther [2]; Angelsen, Arild [3]
877	COVID-19, Plant Biodiversity, Utilization, Conservation and biodiversity - climatic link	paper	*Pandey, Vashist [2]

iii. Crop Wild Relatives Posters (3):

Abstract#	Title	Submit-Type	Authors
78	A preliminary report on yellow spot disease in <i>Basella rubra</i> Linn. in Ondo State Nigeria	poster	*Ayomipo, Adenegan-Alakinde [2]
712	Leaf Area Index as an Indicator of Phenology and Dormancy in <i>Allium cepa</i> (L.)	poster	Chacon, Francisco [2]; Cramer, Christopher [2]; *Guzman, Ivette [2]
796	Developing <i>De novo</i> domestication in <i>Brassica</i>	poster	Pires, Joseph [6]; Mabry, Makenzie [4]; *Pisias, Michael [2]; An, Hong [2]; Yuan, Yuxiang [3]; Hurt, Sarah [5]

iv. Crop Wild Relatives Papers (2):

Abstract#	Title	Submit-Type	Authors

729	Growing the botanical foundation for crop development: characterizing patterns of variation and covariation in herbaceous perennials	paper	Miller, Allison [9]; *Rubin, Matthew [2]; Bhakta, Niyati [3]; Brand, Leah [4]; Cyr, Maxwell [5]; Frawley, Emma [6]; DeHaan, Lee [7]; Long, Quinn [8]; Schlautman, Brandon [7]; Van Tassel, David [7]
705	Lifespan-associated seed and early growth trait patterns in <i>Lathyrus</i> , <i>Phaseolus</i> , and <i>Vicia</i> (Fabaceae)	paper	Miller, Allison [4]; *Herron, Sterling A [2]; Rubin, Matthew [3]

- d. The Economic Botany section business meeting will take place on Monday, July 27th at 4:30pm EST. At the business meeting, we will discuss planning for a silent auction fundraising event, a mixer/event for members, and fieldtrip interests.