

WSSA Board of Directors Meeting

January 29-30, 2023

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In attendance:

Stanley Culpepper, Anita Dille, Carroll Moseley, Christian Willenborg, Lauren Lazaro, Michael Flessner, Sarah Kezar, John Lindquist, Lee Van Wychen, Peter Dotray, Lynn Sosnoskie, Alan Helm, Greg Dahl, Greg Elmore, Eric Gustafson, Hilary Sandler

Call to Order:

Stanley Culpepper at 1:00PM EST

Roll Call

Approval of Previous BOD Meeting Minutes:

Motion to approve made by Greg Dahl at 1:03PM. Seconded by Alan Helm. Motion passed unanimously.

Approval of BOD Agenda:

Motion to approve made by Alan Helm at 1:03PM. Seconded by Carroll Moseley. Motion passed unanimously.

Approval of Business Meeting Agenda:

Motion to approve made by Greg Dahl at 1:05PM. Seconded by Alan Helm. Motion passed unanimously.

Annual Meeting Program Update: Carroll Moseley

Five symposia are planned for this week. The Program Committee and Eric have done a wonderful job on the program. Several room updates have been made to the program. The program is through an app instead of printing, which saves on cost. Greg Dahl noted that the inclusion of the PDF in the app is beneficial. Greg Elmore noted there are issues with the app. Eric is aware and the issue stems from the app developer and there is not much that WSSA can do to fix it, but IMI is working on it. Five hundred and twenty-three people have registered (150 graduate students) for the annual meeting. The registration fee for this meeting is the same price as it was five years ago at this same location. Most committees held their committee meetings ahead of this week and has been very beneficial. Carroll notes that this is a model that should continue in the future. Carroll and Stanley will finalize the general session presentations by this evening.

GSO: Sarah Kezar

GSO voting is currently underway and the new officers will be announced at the GSO luncheon. The NEWSS GSO will also handle their officer elections then as well. There are nine confirmed guest speakers that will discuss the government aspect (jobs, research, etc.) of weed science. Speakers will rotate between tables every 8 minutes to answer any questions. Additionally, there will be a graduate student working group on Tuesday morning to discuss mental health in students at a surface level. The keynote speaker will be Sarah Johnston, who is a psychology student. Hannah Wright will follow up to discuss being a student in weed science. There will also be a panel discussion from three current weed science students. Sarah thanked Eric for all his help and support.

Regional Updates

Southern Weed Science Society (Peter Dotray)

The 76th annual meeting was held in Baton Rouge last week. Two hundred and fifty-eight people registered, 95 of which were students. Steve Linscombe, Director of The Rice Foundation and Leadership Class Program and Professor Emeritus, Louisiana State University, gave the keynote address. Additionally, there was a discussion on the Endangered Species Act. The hotel was very responsive. The 2023 Weed Olympics will be held by Bayer July 25 to 27 in Union City, TN. SWSS approved funding for the Weed Olympics if needed. The SWSS Weed Contest committee would like to reduce the weed list from 131 to 100 and reduce the herbicide list from 35 to 25 to help make the contest more manageable for Bayer and participating universities, especially those who do not have access all the weeds. SWSS is asking for guidance from WSSA on this. There are questions on who oversees the National Weed Contest. The answer is Garrett Montgomery. Future meetings include a joint meeting in San Antonio TX in 2024, Charleston, SC for 2025, and bids are placed out for the 2026 meeting (Nashville, TN, Asheville, NC, Chattanooga, TN, and Lexington, KY).

North Central Weed Science Society (Brett Miller)

The 2022 Student Weed Contest was hosted successfully by Corteva in Johnston, IA in July with 96 student contestants which was an increase of about 50% over the previous year. In 2023 Student Weed Contest will be a national contest held in Union City, TN – hosted by Bayer Crop Science.

The 77th Annual Meeting was successfully held in person December 5 to 8, 2022, at the Hyatt Regency at the Arch in St. Louis, MO. A total of 90 oral presentations and 95 posters were submitted for the 2022 program. Graduate student contestants presented 36 oral presentations and 44 posters. There were also 16 undergraduate poster contest participants and just 5 student video contestants. The meeting included “What’s New in Industry” as well as symposia on “New Frontiers in Application Technology” and “Impact of the Endangered Species Act on Herbicide Registration and Regulation.” Total attendance to the in-person NCWSS meeting was about 320 with 203 regular members and 99 student members.

Future annual meeting locations, hotels, dates:

2023, 78th Annual Meeting, Hyatt, Minneapolis, MN (renegotiated venue from planned 2020 meeting cancelled by Pandemic), December 11-14, 2023
2024, 79th Annual Meeting in Kansas City, MO, December 8-12, 2024
2025, 80th Annual Meeting returns to Grand Rapids, MI, December 15-18, 2025

Western Society of Weed Science (Alan Helm)

February 27- March 3, 2023, is the 75th annual meeting which will be held in Boise, ID and will be held in Denver, CO in 2024.

WSSA Nominations/Strategic Plan Discussion: Anita Dille

The incoming WSSA vice president will be Hilary Sandler, who is in attendance. The list of individuals for positions to be refilled on the WSSA BOD in 2024 will be a member at large, treasurer, secretary, and vice president.

The strategic plan committee is being formed by Anita. Anita asks for any members that are interested to please contact her.

Finance Committee: Greg Elmore

Financial Health:

Statement of Financial Position as of December 31, 2022:

- 1) U.S. Bank \$265,428.91
- 2) General Fund \$1,507,659.73
- 3) Endowment Fund \$462,920.80
- 4) CD Account \$225,664.27
- 5) Inventory Asset \$596.37
- 6) **Total Assets \$2,462,270.08**

Total WSSA assets are \$2.5M compared to \$2.3M at the end of September 2022, \$2.4M at the end of July 2022 and \$2.7M at this time last year. The market is down significantly but our defensive position has reduced the negative impact on our investments. Interest rates obtained by new CD's are delivering some positive value. Net revenue for the 2022 fiscal year (Dec. 1, 2021, through Nov. 30, 2022) was negative \$65,170. Based on the Statement of Activity as of December 2022 – Total Revenue was \$199,184; Total Expenditures were \$110,421 and Net Revenue was \$88,763.

Proposed budget for 2023 (Dec. 1, 2022, through Nov. 30, 2023) lists total revenue at \$644,950 and total expenditures as \$781,930.61 for a negative net revenue of \$136,980.61. A significant driver for negative net revenue is increased cost for a face-to-face annual meeting, reduced journal revenue, and website development costs.

There was discussion surrounding how to increase revenue for WSSA. Sustaining member dues have not increased in several years. Discussion surrounded increasing student dues, growing the membership, increasing sustaining membership dues. Lauren asked how increasing dues would affect the retention of new(er) faculty.

Innovative grants program update

Nine proposals were received by the October 1, 2022, submission deadline. The proposals and a sheet to rank and indicate to fund each proposal or not was sent to WSSA Executive Committee members on October 3, 2022. Several Executive Committee members were excluded from ranking/voting on proposals because they were either principal investigators or co-authors. Proposals were ranked by the WSSA Executive Committee, and a recommendation was provided to the WSSA Board of Directors for approval. The WSSA Board of Directors approved the recommendation, and three grants were approved for funding in 2023, for a total of \$73,776:

1. Developing an Electric Mulch System in Vineyards and Blueberry Production. Erik Lehnhoff, New Mexico State University
2. Cease the seeds: understanding seed microbiomes to accelerate seedbank mortality. Carolyn Lowry, Penn State University
3. Do Plant-Soil Microbe Interactions Explain *Ventenata dubia*'s Competitive Advantage? Timothy Prather, University of Idaho

Director of Publications: Chris Willenborg

Financial Reports

Cambridge University Press has been invoiced for the following amounts for 2023 as per our contract: Support for journal editor stipends: \$52,500 and Sponsorship Fee (for support of Outstanding Paper awards): \$6,000. As of January 17, 2023, we are waiting for the finalized 2023 royalty forecasts from CUP.

WSSA Newsletter

Carl Libbey continued to do an excellent job as Newsletter Editor in 2022, with quarterly issues published on time. The newsletter continues to receive timely information for members and has started to publish short summaries of manuscripts submitted by members.

WSSA Journals feature new look.

In November we launched a new and updated look for all three WSSA journals, in order to try to modernize and refresh the appearance. This was a part of our marketing plan and was the culmination of a years' work, but so far, the changes appear to be well-received.

WSSA journals in 2022 (2021 figures in parentheses)

2022 was the sixth year with Cambridge University Press as our WSSA publishing partner. We continued working with CUP editorial and production staff to update WSSA journals based on current publishing practices. This now includes inclusion of the journals in the Plan S process (initiative for open-access publishing and more transparent publishing/data procedures). As part of this, we engage in the Transformative Journals process, with a commitment to transitioning to open access in the future. Significant discussion will take place in the coming year on transitioning the journals to open access.

Clarivate Analytics impact factors released in 2022 showed a slight improvement in impact factor for IPMS and Weed Technology, and a slight decline for Weed Science. It was expected that impact factors would rise or fall slightly this year given the large increases last year that were due to changes in the calculation of impact factors. Our journals remain well-positioned

and highly regarded in all areas of weed science despite the competitive environment that exists in scientific publishing. We remain mindful of the fact that authors have more choice than ever when submitting manuscripts in the discipline of weed science, but the WSSA journals continue to offer high quality reviews in a timely manner.

Numbers of published articles increased slightly compared to 2020 for Weed Technology and IPSM and declined slightly for Weed science. The increase for IPSM reverses a decline in the number of published articles in IPSM over the past couple of years. Further to this, as part of ongoing efforts to improve recognition for reviewers, three Outstanding Reviewer awards were given out for 2021, one for each journal.

Weed Science Manuscripts submitted: 160 (183)
Acceptance rate: 40% (39%)
Total page number for 2021 volume: 714 (729)
Number published articles: 77 (77)
Mean time from submission to first decision: 41 days (40 days)
Impact factor 2.58 (2.71)
a. 29/90 Agronomy Journals
b. 103/259 Plant Sciences Journals

Weed Technology Manuscripts submitted: 160 (191)
Acceptance rate: 59% (56%)
Total page number for 2021 volume: 739 (1038).
Number published articles: 98 (137)
Mean time from submission to first decision: 49 days (49 days)
Impact factor: 1.81 (1.70)
a. 53/90 Agronomy Journals
b. 141/259 Plant Sciences Journals

IPSM Manuscripts submitted: 42 (60)
Acceptance rate: 59% (59%)
Total page number for 2021 volume: 159 (281)
Number published articles: 26 (32)
Mean time from submission to first decision: 51 days (40 days)
Impact factor 1.333 (1.273)
a. 189/259 Plant Sciences Journals

Information Posted to WSSA Website

Links to journal activity, press releases on the new featured journal article each issue, and WSSA Newsletters are posted on the WSSA website. In addition, press releases are also now sent, via email, to all society members to ensure membership is kept abreast important scientific findings. Press releases are also posted to our twitter page to provide greater visibility.

Funds spent in 2022

Editorial stipends: \$52,500

Outstanding Paper and Outstanding Reviewer awards: \$6,000

Payment to Linda Edgerton for writing featured article press and blog releases: \$3,434.75 (\$6,000 budgeted).

Additional

There were zero applications to replace Chris. Sarah Ward has agreed to be the co-director of publications. Chris would continue to lead the finance portion of the role and Sarah would handle the rest.

Motion made to approve Sarah Ward and Chris Willenborg as co-directors of publication made by Greg Dahl at 2:25PM EST. Seconded by Alan Helm. Motion passed unanimously.

Chris asks the BOD to approve travel to Cambridge, UK to have in person discussions with Cambridge Press to build better relationships to move forward. Anita asks that Chris put together a budget and a proposal plan for the BOD. There is overall support from the BOD for this.

Motion made for general support to approve support for funding, pending approval from the finance committee, for the Director of Publications to travel made by Anita Dille at 2:32PM EST. Seconded by Greg Elmore. Motion passed unanimously.

Chris notes that not all WSSA funded efforts are not mandated to publish in a WSSA journal and asks if that needs to happen. There was a general suggestion that the Finance Committee MOP would be the appropriate place to add language on this. John Lindquist said that the written request needs to come from this committee.

BREAK (2:33 to 3:00PM EST)

Note: Phillip Bogdan joined the meeting.

Reach Global Strategies: Phillip Bogdan

Phillip is a research educator who is now with a research and communications firm who has clients in the food and agriculture industries. These clients are aligned with growers on the atrazine issue. They also want to ensure that credible, science-based perspectives are amplified in the media and more prevalent in public discourse. By amplifying the voices of scientists like you, Reach Global Strategies can bring more science and reason back into public discourse - and ultimately ag policies. Reach Global Strategies thought that WSSA's letter provided some unique, persuasive, and credible science-based thoughts showing how and why the proposed CE-LOC would be a threat to most corn, sugar, and sorghum growers - as well as turfgrass managers. These perspectives, however, are now relatively buried in the EPA's atrazine docket.

Phillip hopes to work with WSSA to amplify key points from this letter via one or a series of op-eds, then submit these op-eds to major state and national news outlets for publication.

Phillip/Reach Global Strategies is proposing to:

- 1) Develop one or more op-ed outlines based on information from the letter.
- 2) Submit those outlines (and later draft copy) for approval by whomever you task. This would help ensure WSSA's leaders and/or staff are comfortable with what's written.
- 3) Draft the op-eds to a level of quality, thoughtfulness, and detail that would be clear and understandable by lay audiences and (therefore) more likely to be accepted by major news publications like the Washington Post, RealClear, or other national or state news outlets.
- 4) Pitch and submit for publication any commentaries to one or more target news outlets for publication.

There were several questions to Philip about how the process would work more specifically and what he thinks this would add to the society. There was general support to look into the proposal further, but with caution as there was some concern that Reach Global Strategies is an 'activist' group. Phillip clarified that he is just a mode to get the message out to the public and would not dictate the message.

Note: Phillip Bogdan left the meeting. Janis McFarland, Taylor Randell-Singleton, and Navdeep Godara joined the meeting.

EDSP – Science Policy Update: Lee Van Wychen

Science Policy Fellows

The 2022-2023 Science Policy Fellows (SPFs) were Taylor Randell-Singleton at the University of Georgia (advisor: Stanley Culpepper) and Navdeep Godara at Virginia Tech (advisor: Shawn Askew). After 2+ years of virtual meetings with the previous SPFs, both Taylor and Navdeep were able to travel to Washington DC during the week of November 14th for meetings and networking that coincided with the weed science society presidents' Congressional visits. Taylor will be finishing her Ph.D. this spring, while Navdeep is in the first year of his Ph.D. program. Lee will advertise for the 2023-2024 Science Policy Fellows after the WSSA annual meeting with a tentative application deadline of Monday, April 3, 2023.

Taylor and Navdeep gave a brief overview of their fellowships and answered several questions. Lee expressed how impressed he was with the SPFs.

Committee Work

Lee continues to work with numerous WSSA committees on various weed science issues. This includes multiple press releases with the Public Awareness Committee (E13), updating WSSA's composite list of weeds through the Standardized Plant Names Committee (P23), drafting and disseminating the weed research priorities survey through the Research Priorities Committee (E6) and setting up a symposium at the WSSA/NEWSS annual meeting that involves 13 federal agencies, helping coordinate a CAST issue paper on invasive weeds through the Noxious and Invasive Weeds and Biocontrol Committee (E4), and helping assimilate information on how the Endangered Species Act (ESA) impacts agriculture, the environment, and WSSA through the new Endangered Species Act Committee.

Congressional Visits

Lee organized and conducted 28 Congressional meetings on weed science issues with the Weed Science Society Presidents and Science Policy Fellows. This included Stanley Culpepper (WSSA), David Simpson (NCWSS), Jacob Barney (NEWSS), Darrin Dodds (SWSS) and Joel Felix (WSWS) as well as Taylor and Navdeep. Half the meetings were conducted via Zoom in April and the other half were in person on Capitol Hill in November. He also organized and conducted 11 Congressional meetings on aquatic plant management issues with House and Senate staffers in member's offices as well as on relevant authorizing and appropriations committees. Lee thanks the APMS leadership for participating in these virtual meetings.

FIFRA and Endangered Species Act Compliance

The new WSSA Endangered Species Act (ESA) Committee, chaired by Bill Chism, continues to work on a symposium and workshop at the WSSA annual meeting on January 31, 2023, to determine how weed scientists can provide useful science-based information to regulators for ESA compliance to FIFRA approved herbicides. There are approximately 1,700 endangered species of which approximately 900 are plants, plus another 700 critical habitats. It is anticipated that glyphosate and other herbicides will impact almost all of those.

Taylor discusses a project that she is working on refining the maps for the distribution of and habitat of two endangered salamander species found in Georgia that would affect the use of Enlist Duo.

Carroll notes that PFAs compounds are likely going to be an issue in the coming future.

NISAW: February 20-26, 2023

National Invasive Species Awareness Week (NISAW) will be digital in 2023. WSSA is a Partner Sponsor of NISAW, which is its 24th year of supporting NISAW since its inception.

Funds Requested for 2023

The Science Policy Committee's (SPC) annual budget allocation is \$6,000. This includes support for any activities that promote the goals and mission of WSSA. For 2023, WSSA is supporting NISAW at \$2,500 as a "Partner" sponsor. This is the same amount WSSA approved last year for NISAW.

Stanley thanks Lee for his continued work and for representing the WSSA.

Note: Taylor Randell-Singleton and Navdeep Godara left the meeting. Nathan Boyd joined the meeting.

Alternatives/Autonomous Weed Control Committee: Nathan Boyd

Nathan Boyd, University of Florida, is the chair of the committee, whose purpose is to promote weed management strategies, that these technologies are included in national funded priorities, to include information on research outside of WSSA. The committee plans to establish more defined guidelines at their next committee meeting. Nathan asks Lauren Lazaro to join the committee as a company representative and also notes that they need row crop representation.

Greg Dahl notes that there needs to be clear distinction between this committee and the Formulation, Adjuvant, and Application Technology (W15) committee.

Note: Nathan Boyd left the meeting.

Standing Committee Reports

Refer to individual committee reports on the website ([link](#)).

Note: Eric Gustafson, Lee Van Wychen, and Hilary Sandler left the meeting.

Motion to enter executive session made by Greg Elmore at 4:40PM EST. Seconded by Carroll Moseley. Motion passed unanimously.

Motion to leave executive session made by Carroll Moseley at 5:02PM EST. Seconded by Alan Helm. Motion passed unanimously.

Motion to adjourn made by Lauren Lazaro at 5:05PM EST. Seconded by Carroll Moseley. Motion passed unanimously.

January 30, 2023

In attendance:

Stanley Culpepper, Anita Dille, Carroll Moseley, Christian Willenborg, Lauren Lazaro, Michael Flessner, Sarah Kezar, John Lindquist, Lee Van Wychen, Peter Dotray, Lynn Sosnoskie, Alan Helm, Greg Dahl, Greg Elmore, Eric Gustafson, Hilary Sandler, Jill Schroeder (guest), Jim Kells (guest), Sarah Lancaster (guest), Bill Chism (guest), Theresa Reinhardt Piskáčková (guest)

Call to Order:

Stanley Culpepper at 7:00AM EST

Roll Call

NIFA: Jim Kells

Webinars

Two webinars were conducted on March 22 and March 29, focusing specifically on NIFA grant programs where proposals involving weeds could be competitive. A total of seven NIFA National Program Leaders and one National Science Liaison presented in the webinars. This was an in-depth discussion of both traditional weed science programs (the first two presenters each week) and funding programs where there are opportunities for weed scientists to get involved (such as climate, precision technologies, etc.).

2022 WSSA Research Priorities Survey

Jim has been working with Dan Brainard and the WSSA Research Priorities Committee (E6) on the Research Priorities Survey. A manuscript on the survey results is currently under review for publication in Weed Science.

Symposium for the 2023 WSSA Annual Meeting

Jim would like to thank WSSA for approving the symposium entitled “WSSA Research Priorities Survey Results: 13 Federal Agency-Perspectives and -Funding Opportunities”. Insight from the 2022 WSSA Research Priorities Survey will be shared at the symposium, which will facilitate a discussion on the future of weed science in terms of research needs, program support, and national initiatives. The symposium will open with a comprehensive presentation on the results of the Research Priorities Survey by Dan Brainard, Chair of the WSSA Research Priorities Committee (E6). This will be followed by a Q&A and two 60-minute panel discussions, one focused on research and one focused on management. This will be the first time that leaders from each of these agencies have met together in the same room at a WSSA meeting.

Monthly Meetings

Jim met by Zoom monthly with Vijay Nandula (NIFA), Steve Young (ARS), Cameron Douglas (USDA), Bill Chism (EPA-retired), Lee VanWychen, and Mark VanGessel.

Future Goals

Increase the number of weed scientists who participate on NIFA panels. Additionally, Jim would like to rework the NIFA model. He is still considering the best ways to expand the current focus, which is solely on NIFA, as a more remote model would allow for the NIFA fellow to work more with other agencies.

Jim will continue to serve out his term. Several BOD members thanked Jim for his service. Bill asked Jim if there were any agencies that he would like to target to expand the network of the NIFA fellow. Jim noted that the symposium, on Wednesday, February 1, is a great place to begin. There was a question on how many NIFA weed science proposals were funded this past year. Jim answered that there was an increase in the overall number of funded proposals. Lynn noted that a limitation in the number of people who serve on NIFA review panels could be due to the fact that due to the small size of the weed science community that many of us have too many conflicts of interest. This does not allow weed scientists to review weed science proposals. Jim notes that the COI status is very strict and that there is no flexibility, but it is critical that early career weed scientists participate in this process.

CAST: Jill Schroeder

Jill attended virtually during the October 2022 annual meeting of the CAST Boards. As a Board of Representatives member, Jill serves on the Plant Agriculture and Environmental Issues Working Group (Plant Working Group) and attended the workgroup meeting (general sessions were not offered virtually). She regularly attends the (virtual) monthly meetings of the Plant Work Group. She is the board liaison for the issue paper “Preventing the next invasive plant: Opportunities and Challenges”. The proposal was developed by the following representatives from WSSA and NIASMA: Jacob Barney, David Coyle, Erik Lehnhoff, Daniel Tekiela, Paul Tseng. The paper is in progress. Co-task force chairs have been recruited; they developed an

outline and recommended task force members who have agreed to work on this project. A task force meeting was held to assign writing responsibilities and establish the timeline for completion. Issue papers usually take approximately 6 months to complete once the task force has been assembled. Greg Dahl, WSWS representative, worked with Matt Baur (WIPM Director and proposal lead) and WSWS representatives to develop a proposal for an issue paper “Integrated management of fire-adapted invasive plants responsible for changing wildfire regimes”. The proposal has been approved by the Plant Workgroup and Board of Trustees; the Board of Directors is reviewing the proposal. Lyn Gettys, APMS representative, is the board liaison for an issue paper on the topic of Harmful Algal Blooms Function and impact - HAB (Harmful Algal Bloom). The paper is in final review and editing so should be published this year. She continues to work with her weed science counterparts who represent WSWS, NEWSS, NCWSS, and APMS on the Board of Representatives.

Weed science representatives met at the end of 2022 and decided that we all need to work on attracting student members to become individual members of CAST. Student memberships are FREE; we are all presenting posters at our annual meetings and the posters have a QR code where students can get membership information while at the meeting. Anthony Witcher (NEWSS representative) and Jill are co-presenting a poster “The Importance of Communicating Agricultural Science and Technology, The Role of CAST, and You!” at the WSSA/NEWSS joint meeting.

Recommendations for the BOD

Jill would appreciate input from the BOD on potential topics for CAST Issue Papers and how to produce those over multiple platforms (i.e., podcast, website, etc.). In addition, all BOD members need to become individual members of CAST to serve as role models for the rest of the society.

Website Committee: Sarah Lancaster

There is a signed contract with APEX and a contract with Vivaic is underway. Once contracts are signed the ‘discovery phase’ will be underway. Sarah will contact the BOD to work on the site map and the site structure of the website. This process as well as the mock layout will be completed in three to four months. Anita asked who the website contractors will reach out to. Sarah noted that the committee will work primarily with the website committee and follow up with the BOD. Stanley notes that this is a critical component of the Strategic Plan.

ESA Committee: Bill Chism

The committee first met on April 8, 2022 and continues to meet monthly. The committee focuses on fostering the protection of endangered and threatened species through developing partnerships which maximize the WSSA's ability to communicate science-based information to regulators. They also organized an Endangered Species workshop at the WSSA annual meeting to determine what scientific information WSSA members could provide the EPA, FWS, NMFS, and USDA for their endangered species assessments. Further, the workshop will have focus groups. Subcommittees or committees may be formed from these discussions. He also plans to reach out to other disciplines to discuss the ESA. Bill asks when in the process that the BOD would like to

be informed on the discussions held. Bill is also going to focus on increasing committee membership and engagement.

Request for Funding

Two presentations on the Endangered Species Act (total of \$6,000) and literature reviews of existing published data on herbicide phytotoxicity and reducing off-site movement relevant to threatened and endangered species at the state level. This money will pay graduate students to conduct a literature review and help draft the articles. Estimated cost for each article is \$6,000 for a total of \$12,000.

Jill asks Lynn if her symposium will include the broader impacts of the ESA on nonchemical weed management tactics. Lynn said that in her opening remarks that she plans to discuss this briefly, but she has not asked this of individual speakers. Lynn has thought about this in her own research program though. Lynn asked how engaged other disciplines, like entomology, are on this topic. Bill answered that the disciplines that he has spoken to are not engaged at all.

P23 Plant Names Committee: Theresa Reinhardt Piskáčková

In 2020 the plant names committee was appointed to review the composite list of weeds with the initial goal to find harmony between the USDA plants database and WSSA's. In the discussions of the committee, they encountered many inconsistencies in naming in the database. In doing so they found that, due to the nature and use of a common name, they had to adjust and make many exceptions. The committee was not unanimous on many weed name changes. Any name not included remains as WSSA composite list of names and any further background and details can be provided upon request.

Of the entire list of WSSA common names (2,847 unique species) most were decided not to change and to retain their WSSA name despite the conflict with USDA name. There were 371 names for potential suggested change, from minor spelling to complete adoption of the USDA name for one of five reasons. Of the 2,471 species without any suggested change, there were 207 species which had a taxonomic discrepancy which will need to be looked at more closely in the next review and were not considered for common name changes at this time. Whatever names are approved will be sent to the USDA plants database to be included. Carroll asks how the Plants Database will represent the WSSA weed name. Theresa responds that the WSSA name will be listed in the synonym list and designated as a WSSA approved name.

Theresa notes that there is very little representation from the Western Weed Science Society. Greg Dahl and Alan Helm stated that they would take this request to the society meeting next month. Greg Elmore asked about inconsistencies in the list. For example, grass was sometimes as a compound word and other times as separate words. Theresa explained the various nuances that led to these decisions and noted that a very detailed document can be found in the committee report. Bill notes that this decision will potentially impact pesticide labels and asks that Theresa work with Mark VanGessel (EPA liaison) to get the word out about this. Carroll notes that company labels vary in their common names, so this will help to standardize labels but may not

impact them greatly. Bill asks that Crop Life receive a presentation as well. Stanley asked how long the transition to the Plant's Database would be. Theresa needs to confirm with the USDA, but she does not expect it to be too long. Bill thinks that USDA will receive this information well from WSSA. There was overall support for this effort from the BOD.

The committee has made a recommendation to approve the changes to the plant names list.

Motion from the committee made to the BOD to approve changes to the plant names list pending minor edits at 8:15AM EST. Motion passed unanimously.

Eric notes that a press release would be beneficial to the society members.

Diversity Survey: Lynn Sosnoskie

There is no historical context/data of the diversity of the society. The strategic plan (#5 part c) includes a point to increase the diversity or the membership of the society, but there is no metric to be able to track this. The society also does not have a diversity and inclusion statement. Lynn has noted that other societies disclose their diversity metrics (ex. age, race, ethnicity, gender). She also notes that these are optional surveys. Carroll asks who is pulling the data together. Lynn hypothesizes that a society staff member is putting the metrics together but plans on reaching out to various societies to how they are collecting, compiling, managing, and storing the data. Lynn notes that the critical component is who has access to the data and how the data is stored.

Greg Dahl notes that the Western Weed Science Society has formed a diversity and inclusion committee. Eric adds that these metrics can be added to the member profile that is voluntary to fill out. Stanley asks Lynn to put a proposal together on how to proceed with this effort. Anita notes that the membership committee should be involved and that a subcommittee on this could be formed.

Old Business

None.

New Business

Carroll discusses the proposed agenda for the BOD meeting on Thursday.

Motion to adjourn made by Alan Helm at 8:40AM EST. Seconded by Greg Elmore. Motion passed unanimously.