

California Department of Food & Agriculture

Minutes

of the Meeting of the Pierce's Disease and Glassy-winged Sharpshooter Board
and Pierce's Disease Advisory Task Force
Held on Monday, April 19, 2021
CDFA Gateway Oaks Facility
2800 Gateway Oaks Drive, Room 267, Sacramento, CA 95833

PD/GWSS BOARD

Members Present: Jeff Bitter*, Greg Coleman*, William Drayton*, Rich Hammond*,
John Harkey*, Randy Heinzen*, Kendall Hoxsey-Onysko*, Trey
Irwin*, Aaron Lange*, Steve McIntyre*, Domonic Rossini, Seth
Schwebs*

Members Absent: Bill Hammond, Jim Ledbetter

PD ADVISORY TASK FORCE

Members Present: Cathy Fisher*, Jean-Mari Peltier*, Beth Stone-Smith*, Judy Zaninovich*

Members Absent: Deborah Golino

OTHER ATTENDEES

Kyle Beucke*, Tyler Blackney*, Chris Bock, Ed Civerolo*, Tracy Cleveland*, Monica
Cooper*, Noelle Cremers*, Jim Donnelly*, Pete Downs*, Glenn Fankhauser*, Leah
Gayagas*, Craig Hanes, Matthew Kaiser, Kristin Lowe*, Neil McRoberts*, Michael
Miiller*, Martin Mochizuki*, Stacie Oswald*, David Pegos, Ted Reiger*, Nicole
Shorter*, Chris Tsuji*, Sean Veling*, Myrna Villegas*, Ed Williams*, Robert Wynn Jr.*,
Emily Zakowski*

*Denotes attendance via web conference or teleconference.

CALL TO ORDER

PD/GWSS Board Chairperson Domonic Rossini and PD Advisory Task Force Chairperson
Judy Zaninovich called the joint meeting to order at 10:00 AM.

ROLL CALL AND INTRODUCTIONS

PDCP Statewide Coordinator Craig Hanes conducted the roll call for the PD/GWSS
Board (Board) and the PD Advisory Task Force (Task Force). Quorums were present for
both the Board and the Task Force.

WELCOME AND OPENING REMARKS

Board Chairperson Domonic Rossini welcomed everyone to the meeting and thanked
attendees for their participation.

Task Force Chairperson Judy Zaninovich welcomed everyone to the meeting and thanked
attendees for their participation.

PDCP Statewide Coordinator Craig Hanes welcomed everyone to the meeting and thanked attendees for their participation.

PD/GWSS BOARD AND ADVISORY TASK FORCE MEMBERSHIP UPDATE

Craig Hanes announced the appointment of new Board member Seth Schwebs effective January 29, 2021. Seth has filled Keith Horn's vacancy and is acting as a representative of a winegrape producer who is also a processor in the Central Valley production area of the state.

Craig also announced that Robert Crudup, a Board member who acted as a representative of the public, has resigned from the Board effective January 31, 2021. Craig said that, in recent years, the Board has had a representative of the nursery industry to fill this public position, and that efforts are underway to fill Robert's vacancy.

Craig said that two new appointments to the Advisory Task Force for Glenn Fankhauser, Kern County Agricultural Commissioner, and Tracy Cleveland, Napa County Agricultural Commissioner, are currently in progress. Craig is working with Judy Zaninovich to fill several additional vacancies to include representatives from the citrus and grape industries.

Craig said that Board members should have received an email regarding the filling of the vacant Research Coordinator position which is officially being readvertised as of April 15, 2021 to include a link to the advertisement and additional information. Craig noted that this is the second attempt at hiring for this position and encouraged Board and Task Force members and other attendees to share the advertisement with those who may be interested in applying.

PUBLIC COMMENT

None.

APPROVAL OF MINUTES

Domonic Rossini asked the Board for a motion to approve the minutes from the joint Board and Task Force meeting held on January 29, 2021.

- It was moved, seconded, and unanimously passed by the Board to approve the minutes from the joint Board and Task Force meeting held on January 29, 2021.

Details of Board Vote

Motion: McIntyre* Second: Irwin*
In Favor: Bitter*, Coleman*, Drayton*, Rich Hammond*, Harkey*, Heinzen*,
 Hoxsey-Onysko*, Irwin*, Lange*, McIntyre*, Rossini, Schwebs*
Against: None
Abstain: None
Absent: Bill Hammond, Ledbetter

Judy Zaninovich asked the Task Force for a motion to approve the minutes from the joint Board and Task Force meeting held on January 29, 2021.

- It was moved, seconded, and unanimously passed by the Task Force to approve the minutes from the joint Board and Task Force meeting held on January 29, 2021.

Details of Task Force Vote

Motion: Stone-Smith* Second: Zaninovich*
In Favor: Fisher*, Stone-Smith*, Zaninovich*
Against: None
Abstain: None
Absent: Golino, Peltier**

** Not present for this action item

NEXT MEETING

The next Board and Task Force meeting was set for Tuesday, June 22, 2021 in Sacramento and will begin at 10:00 AM.

FISCAL UPDATES

USDA California Assistant State Plant Health Director Beth Stone-Smith reported on the federal funding for the program. Beth said that the glassy-winged sharpshooter (GWSS) program's federal budget was signed on December 27th, 2020 and that the remainder of funding has been made available as of April 6th, 2021. Beth said that she is working with CDFA to add the full \$15.5M into the cooperative agreement and that the program is fully funded for the current federal fiscal year.

Beth reminded attendees of discussion that occurred in previous Board and Advisory Task Force meetings regarding the GWSS program falling under a specialty crop budget line item which also includes other programs such as light brown apple moth, European grapevine moth, spotted lanternfly, fruit flies, and others, and encompasses a very large umbrella of programs which require extensive funding, and that her leadership is responsible for decision making regarding allocation of funding for these programs. Beth said that efforts are underway by the California Association of Winegrape Growers (CAWG) and the Consolidated Central Valley Table Grape Pest and Disease Control District (CCVTGPDCD) to ensure that protective language is included in next year's budget to secure full funding for the GWSS program.

Craig Hanes presented the financial update for the PDCP. Craig began by providing a summary of funding and expenditures for fiscal year 2019-2020. Craig offered a reminder that fiscal year 2019-2020 was the third and final year of a three-year period in which the PDCP had access to a remaining amount of \$1.7M in general funds that were received and encumbered in fiscal year 2017-2018. Expenditures for personal services, operating expenses, county workplans, area-wide programs, urban rapid response treatments, and nursery treatments totaled \$17.4M.

Craig continued by stating that fiscal year 2020-2021 reserve funds are budgeted at \$100,000, Board funds are budgeted at \$2.1M to include \$1.2M for urban rapid response treatments, \$300,000 for nursery treatments, and \$600,000 allocated for area-wide treatments during the September 29, 2020 Board and Task Force meeting. An additional \$600,000, listed as other funds, was contributed by the CCVTGPDCD to match the Board's \$600,000 for area-wide treatments. Craig said that the total projected budget for fiscal year 2020-2021 is \$19.9M.

Craig reported a total of \$11.5M funds spent year to date to include \$10.6M in federal funds, \$708,000 of Board funds, \$135,000 of CCVTGPDCP funds, \$446,000 for urban rapid response treatments, and \$126,000 for nursery treatments.

Matthew Kaiser presented the fiscal update for the Board. Matthew reported, for fiscal year 2019-2020, assessment funds and interest received at \$5.3M, research project

expenditures at \$2.7M, and an end of fiscal year net balance at \$12.1M which corresponds with fiscal year 2020-2021 year to date carryover.

Matthew said that the grape crush report for crop year 2020-2021 was released which reported an overall reduction of 13.8% and average price reduction of 16.3% with the expectation of receiving approximately \$2.8M in assessment funds, which was originally budgeted at \$3.8M, a reduction of approximately 26%.

Matthew said that, for fiscal year 2019-2020 expenditures, there have been some postponements in data collection due to research project delays caused by the COVID-19 pandemic, though all current projects are expected to be completed with full expenditure of allotted funding. Matthew said that the Board originally budgeted \$200,000 for the Research Coordinator position which was not filled this year, but will hopefully be filled to coincide with the start of fiscal year 2021-2022. Matthew reminded attendees that the Board has already approved Research Coordinator funding for a total of three years.

Matthew reported, for fiscal year 2020-2021 budgeted, applied research for nursery treatments at \$300,000 and Red Blotch monitoring at \$166,000, the Brown-Miller Communications public outreach contract at \$200,000, county programs & PDCP operations at \$1.2M, and \$600,000 for contingency for county backfill.

Matthew reported fiscal year 2020-2021 projected expenditures at \$5.7M and a net carryover balance of \$9.3M.

RESEARCH PROGRAM UPDATES AND FUNDING RECOMMENDATIONS

Research Screening Committee (RSC) Chair Steve McIntyre began his presentation by thanking RSC members for their participation during the April 9th, 2021 RSC meeting. Steve said that the RSC met a bit later in this year's cycle than in previous years and, as a result, proposed breaking his presentation into two separate segments. Steve began segment one by calling attention to a handout which included a list of eighteen proposals submitted to the Board in January 2021, one of which was a resubmission of a withdrawn proposal, which was the same number of proposals received last year. Steve called attention to an additional handout which included a section for RSC recommended project full or partial funding and a section for RSC project non-funding.

Matthew Kaiser said that, taking into consideration the RSC's receipt of edits for two listed proposals, those totaling \$4.4M were received this year, with approximately half of the projects spanning one year and others spanning multiple years. Proposed projects included Pierce's disease related projects totaling approximately \$2.3M, virus related projects totaling approximately \$2M, and insect vector-only related projects totaling approximately \$100,000. Matthew said that last year's request for funding of \$5.8M (\$2.4M of which was funded by the Board) was more than this year. Matthew indicated that the total RSC recommended funding for fiscal year 2021-2022 is approximately \$628,000 and called attention to an additional handout which outlined previously approved Board funded grants continuing in fiscal year 2021-2022 totaling \$640,000. Matthew said that these two line items combined, upon the Board's approval of the RSC's recommendations, would total approximately \$1.3M for fiscal year 2021-2022, and that there are additional projects currently under consideration for funding.

Steve McIntyre requested a motion to recommend funding for five new research projects totaling \$705,000, \$628,000 of which would be allocated in fiscal year 2021-2022.

- It was moved, seconded, and unanimously passed by the Board to approve funding for five research projects totaling \$705,000, \$628,000 of which would be allocated in fiscal year 2021-2022.

Details of Board Vote

Motion: McIntyre* Second: Heinzen*
In Favor: Bitter*, Coleman*, Drayton*, Rich Hammond*, Harkey*, Heinzen*,
Irwin*, Lange*, McIntyre*, Rossini, Schwebs*
Against: None
Abstain: None
Absent: Bill Hammond, Hoxsey-Onysko**, Ledbetter

** Not present for this action item

Steve McIntyre began segment two of his presentation by calling attention to a handout which listed an additional ten research proposals to include review panel commentary, averaged review panel scores, and assigned rankings. Of the ten listed proposals, Steve recommended approval of the six highest ranking projects, with combined funding valued at approximately \$1.3M, and further review and consideration for the inclusion of a modified seventh two-year project valued at \$326,000 for a total of approximately \$1.6M in review panel recommended project funding. Upon further discussion, the recommendation for the seventh project was for a single year of funding valued at \$159,000.

Steve McIntyre requested a motion to recommend funding for six review panel recommended research projects and the modified seventh research project with a combined total value of \$1.4M, of which \$968,000 would be allocated in fiscal year 2021-2022. Matthew Kaiser reported that approving these seven projects, when combined with those approved by the previous vote as well as previously approved continuing projects, would bring overall research funding to \$2.2M for fiscal year 2021-2022.

It was moved, seconded, and unanimously passed by the Board to approve funding for six review panel recommended research projects and the modified seventh research project with a combined total value of \$1.4M.

Details of Board Vote

Motion: Lange* Second: Bitter*
In Favor: Bitter*, Coleman*, Drayton*, Rich Hammond*, Harkey*, Heinzen*,
Hoxsey-Onysko*, Irwin*, Lange*, McIntyre*, Rossini, Schwebs*
Against: None
Abstain: None
Absent: Bill Hammond, Ledbetter

UGMVE WEBSITE UPDATE

Matthew Kaiser provided an update on the status of the Unified Grant Management for Viticulture and Enology (UGMVE) website, hosted by the University of California, Davis Department of Agriculture and Natural Resources (ANR). Matthew said that the PD/GWSS Board and other funding organizations, to include the American Vineyard Foundation, Oregon Wine Board, and the Washington Wine and Table Grape Commission, currently have Requests for Proposals (RFP) hosted on the UGMVE site. The UGMVE site has historically been maintained by staff working with PD Advisory Task Force member Deborah Golino. Matthew said that, with Deborah's upcoming retirement and staff currently assigned to maintaining the UGMVE website being reassigned elsewhere, the RSC has voiced support for determining ways to maintain functionality of the site moving forward.

Neil McRoberts with the University of California, Davis Plant Pathology Department said that IT staff at Davis are in the process of determining if their IT management staff could continue to manage the UGMVE website on an interim basis and that it may be a good idea to consider hosting related website content on a new second party platform. Neil said that he would be happy to facilitate a website transition process and work with the new incoming Research Coordinator to ensure that website service is maintained.

Craig Hanes said that, if the continuation of the UGMVE website is of interest to the Board and other associated organizations, further discussion, to include budgetary obligations, could take place during the upcoming June 22, 2021 Board and Task Force meeting.

SPOTTED LANTERNFLY UPDATE

Kyle Beucke, State Primary Entomologist with the CDFA Plant Health and Pest Prevention Services Division, gave an update presentation on spotted lanternfly (SLF). Kyle said that SLF, an A rated pest, is currently not known to be present in California but is currently present in nine eastern states. Kyle said that CDFA is in the process of finalizing an SLF exterior quarantine which is under review by the California State Office of Administrative Law to potentially become approved and take effect within the next two months.

This quarantine will regulate a wide variety of outdoor articles to include plant material, nursery stock, storage containers, and vehicles. Regulation is planned to occur in an infested area which is defined as finding one viable egg mass, one living nymph, one visibly mated female, or two living adults within a state and within a one year period unless detailed survey information can be obtained from the affected state. Kyle said that the quarantine will require businesses to possess a permit for movement of regulated articles out of infested areas, whereas private citizens will be required to undergo completion of an inspection and a related checklist.

Kyle informed attendees that SLF inspections are being conducted during incoming aircraft inspections for existence of Japanese beetle, and that staff working at California border stations are being trained to identify different life stages of SLF. Kyle said that there is currently no known lure for SLF and that detection within California will depend on visual inspection.

Kyle said that, in 2020, CDFA carried out a high-risk survey throughout California, examining 68 locations in 24 counties and, as a result, no evidence of SLF was found. CDFA is assessing the possibility of conducting a similar survey in 2021.

Kyle said that CDFA is working with master gardeners at the University of California, Davis to establish a sentinel program with the intention of providing training which will allow increased SLF detection and reporting throughout California.

Kyle mentioned the Pest Prevention University, an annually hosted CDFA outreach program designed to provide training to county agricultural personnel and inspectors for recognizing and reporting SLF. Kyle said that training provided in 2020 included more than 600 attendees.

Kyle said that, to address SLF biological control efforts, CDFA awarded Mark Huddle at the University of California, Riverside with a \$500,000 integrated pest management solutions grant to investigate wasp species that target SLF eggs, a project which is ongoing.

Kyle said that, in 2019, 11 dead SLF were identified and, in 2020, this number increased to 44 to include 2 living SLF.

OUTREACH AND EDUCATION UPDATE

Nicole Shorter of Brown-Miller Communications provided an update on recent outreach and education activities. Nicole said that the results of Kyle's previously mentioned high-risk survey will be presented in detail within the most recently distributed Board newsletter which is now available online at the Board's website and will be delivered to mailboxes shortly. Additional information and resources on SLF have been added to the Board's website to include a photo slideshow displaying the pest's life stages and a link to a selection of research data from environmental entomology.

Nicole reported on her attendance of the outreach and communication section of the March 2021 SLF seminar and that best practice info and materials obtained have been helpful for the development of a communications toolkit designed to educate California grape growers on SLF.

Nicole said that a draft of the Spring newsletter will soon be distributed to include articles pertaining to PD field trial updates and GWSS insecticide resistance, the Board's quarterly newsletter is being mailed to over 7,000 California winegrape growers, industry stakeholders, and legislators, as well as being made available on the Board's website, and the distribution of the Board's monthly e-newsletter to approximately 1,200 winegrape growers and other stakeholders, which currently has a 29% average open rate and an 11% average click-through rate.

Nicole said that this meeting's handouts include a collection of newsclips related to PD and other designated pests and diseases, as well as extensive coverage of SLF.

Attendees expressed interest in attending another SLF presentation similar to a previously hosted presentation by CDFA and CAWG, which is currently available for viewing on the Board's website. Craig Hanes and Michael Miiller of CAWG will collaborate on the development of a follow-up presentation.

AREA-WIDE PROGRAM OVERVIEW AND UPDATE

Beth Stone-Smith provided a status update on area-wide program activities taking place in Riverside, Madera, Fresno, Tulare, and Kern counties. Beth introduced herself to new attendees as the federal representative associated with the PD/GWSS program and collaborative developer of area-wide treatment programs. Beth provided details surrounding the purpose, methodology, and execution of these programs. Beth reported an overall rise in trap findings due to increases in GWSS activity and recent temperature elevation. Beth said that measuring and reporting the effectiveness of additional treatments conducted with funding provided by the Board and the CCVTGPDCD cannot be assessed until adult populations become active in June and July.

Beth reported no GWSS detection for the Coachella region of Riverside County which, despite ongoing trapping endeavors, remains unchanged since 2014.

Beth reported 13 GWSS trapped to date in Temecula, Riverside County, a region comprised of approximately 1,600 acres of citrus and 1,300 acres of winegrapes, which included 56 GWSS trapped during this same time in the previous year.

Beth said that no GWSS have been detected so far in Madera County, which resembles last year's data to date, and noted that 2020 included the largest number of finds in this region at 34 GWSS trapped. Beth said that CDFA has recently hired two treatment coordinators who will oversee treatments in Madera and Fresno counties.

Beth said that area-wide trapping begins a bit later in the year for the Fresno region and, as a result, additional trap data availability is forthcoming.

For Tulare County, Beth reported a higher number of GWSS detected than in 2020, 902 in 2021 versus 495 during this same timeframe in 2020. Beth reminded attendees of a 2020 fall foliar treatment that occurred for this region which was approximately double of what took place in the previous year due to additional funding provided by the PD/GWSS and CCVTGPDCD Boards, and that a list of organic sites for a May treatment is currently being compiled. Judy Zaninovich added that the increase in GWSS activity in this region may be attributed to the amount of recent growth in the organic citrus industry, which can be a challenge to treat effectively.

For the Kern County Highway 65 region, Beth reported that Judy Zaninovich will be moving forward with May treatments designed to target nymph populations. Beth said that, for Kern County's Northern Zone/General Beale region, treatments were conducted in December 2020 and that there have been 3,092 GWSS trapped to date as opposed to approximately 5,000 trapped year to date in 2020.

Beth provided a breakdown of funding for Tulare and Kern County treatments. Based on additionally provided funding, treatments for 16,800 acres in Tulare County and 26,611 acres in Kern County have been authorized.

Beth provided a link to a video recording of the 2021 Lodi Grape Day virtual event in which she provided a presentation on glassy-winged sharpshooter area-wide programs in the San Joaquin Valley, and provided a link to a paper titled *Control of Pierce's Disease Through Area-wide Management of Glassy-Winged Sharpshooter (Hemiptera Cicadellidae) and Roguing of Infected Grapevines* as prepared by Beth and David Haviland of the University of California Cooperative Extension.

PDCP STAFF REPORTS

Stacie Oswalt provided updates on program activities for the period of January 1, 2021 through February 28, 2021 to include nursery stock shipment numbers, nursery stock approved treatment program numbers, and detection and rapid response information.

Stacie said that there were 5,584 nursery stock shipments from the GWSS generally infested areas to non-infested areas of the state. Shipments were down by 1,495 compared to the same timeframe in 2020. No viable life stages have been detected during destination inspections year to date. Origin county inspectors have stopped one adult, one nymph, and four egg masses from moving in nursery stock shipments.

Stacie reported that there were 1,651 ATP shipments consisting of approximately 323,100 plants. The total number of ATP shipments and plants for the same timeframe in 2020 was 1,756 and 520,400, respectively. No regulatory actions have been taken year to date against any ATP nurseries for viable life stages.

For detection and rapid response updates, Stacie said that the PDCP continues to work closely with the Fresno County agricultural commissioner's office with urban treatments. Fresno County and the PDCP are tentatively scheduling a virtual public meeting in mid-May for the communities of Sanger-Trimmer Springs and Kings Canyon. Once the meeting has taken place, treatments may occur in these areas.

Stacie said that the PDCP continues to work closely with the Madera County agricultural

commissioner's office with urban treatments. A virtual public meeting is scheduled for April 20, 2021 for the communities of Madera Ranchos and Bonadelle Ranchos Nine. Once the meeting has taken place, treatments may occur in these areas.

Stacie said that the PDCP continues to work closely with the Tulare County agricultural commissioner's office with urban treatments. Spot treatments in the city of Exeter are occurring this spring in response to previous GWSS detections. Treatments in other areas of the county where GWSS has been found may be scheduled later in the spring or summer, after applicable public meetings have been scheduled.

OTHER ITEMS

None.

CLOSING COMMENTS AND ADJOURNMENT

Board Chairperson Domonic Rossini and Task Force Chairperson Judy Zaninovich adjourned the meeting at 12:22 PM.

Respectfully submitted on June 4, 2021 by
Christopher Bock, Associate Governmental Program Analyst
Pierce's Disease Control Program
California Department of Food and Agriculture