**Small Fruit Crop Germplasm Committee Agenda**

Wednesday 3 Nov 2021 from 1:00 pm to 3:00 pm EST

Zoom meeting

<https://ncsu.zoom.us/j/93478200805?pwd=N0Q2T2lRaW1UdHVVYmJxcmhIa2NTZz09>

Meeting ID: 934 7820 0805

Passcode: 754927

1. CGC Administrative
   1. Roll Call

|  |  |  |  |
| --- | --- | --- | --- |
| Family name | Present? | Given name | Present? |
| Amyotte, Beatrice |  | Barbara Smith | y |
| Ashrafi, Hamid |  | Beatrice Amyotte | y |
| Basil, Nahla |  | Claire Luby | y |
| Bland, Terry |  | Courtney Weber | y |
| Bushakra, Jill |  | Deb Menicos | no |
| Dossett, Michael |  | Dimitre Mollov | n |
| Edger, Patrick |  | Gary Kinard | y |
| Ehlenfeldt, Mark |  | Hamid Ashrafi | y |
| Hardigan, Michael |  | Jack Okamuro | y |
| Hoashi-Erhardt, Wendy |  | James Olmstead | n |
| Hummer, Kim |  | Jill Bushakra | y |
| Iorizzo, Massimo |  | Juan Zalapa | n |
| Jeff, Neyhart |  | Kim Hummer | y |
| Kinard, Gary |  | Kim Lewers | y |
| Lewers, Kim |  | Kyle VandenLangenberg | n |
| Luby, Claire |  | Lise Mahoney | n |
| Mahoney, Lise |  | Margaret Worthington | y (left early) |
| Menicos, Deb | no | Mark Ehlenfeldt | y |
| Mollov, Dimitre |  | Marty Reisinger | n |
| Okamuro, Jack |  | Massimo Iorizzo | y |
| Olmstead, James |  | Melanie Schori | n |
| Perkins-Veazie, Penelope |  | Michael Dossett | y |
| Reisinger, Marty |  | Michael Hardigan | y |
| Rinehart, Tim |  | Mitchell Schumann | n |
| Schori, Melanie |  | Nahla Basil | y |
| Schumann , Mitchell |  | Neyhart Jeff | y |
| Scott, Roy |  | Nicholi Vorsa | n |
| Smith, Barbara |  | Patrick Edger | y |
| VandenLangenberg, Kyle |  | Penelope Perkins-Veazie | y |
| Vorsa, Nicholi |  | Roy Scott | n |
| Weber, Courtney |  | Terry Bland | n |
| Whitaker, Vance |  | Tim Rinehart | n |
| Worthington, Margaret |  | Vance Whitaker | y |
| Zalapa, Juan |  | Wendy Hoashi-Erhardt | n |
|  |  | Sushan Ru | y |
|  |  | Eric Gerbrandt | y |
|  |  | Mark Hoffman | y |
|  |  | Kevin Schooley | y |
|  |  | Peter Nitzsche | y |
|  |  | Jessica Spencer | y |
|  |  | Lena Wilson | Y |
|  |  | Anne Frances | Y (left early) |
|  |  | Mary Peterson | Y |
|  |  | Melba Salazar | Y |
|  |  | Harlene Hatterman-Valenti | Y |
|  |  | Marvin Pritts | Y (came late) |

* 1. Minutes from March 2021 already approved and posted on-line. Jill volunteered to take minutes today.
  2. Web site: <https://www.ars-grin.gov/npgs/cgclist.html#Small>
     + Check minutes, evaluation priority lists, vulnerability statements, descriptor lists
     + Check your membership information
  3. Membership
     + Memberships up for renewal are those from 2018 (every three years). The only one for renewal is that of Lise L Mahoney, and she has agreed to continue. I sent invitations to Dimitre Mollov, Claire Luby, Michael Hardigan, and Jeff Neyhart. Claire and Jeff responded and agreed to be on the ballot. Should anyone else be added?
     + Sushan Ru would like to be considered
  4. Next Meeting Venue will focus on proposals in Spring 2022
     + Evaluation Research Priority List – Anything to add or give higher priority?
     + Wait until more guidance on travel is available before making any decisions about combining with NCCC-212

1. Small-Fruits Breeding Programs – Any at risk? Corvallis?
2. Crop Vulnerability Statements and “Quad Charts” keep updated every five years. Can publish in Genetic Resources and Crop Evolution or HortScience, and then post on the CGC website.

Kim L. thanks Kim H. for her work in developing vulnerability statements for each crop.

* + - 1. *Fragaria* – Kim Lewers (revised 2018 + quad chart 2018) UNH program added. This will need updating when the Corvallis breeding program status is finalized.
      2. *Vaccinium* Kim Lewers e-mailed Vaccinium breeders for a list of all breeders.
    - Blueberry – (revised 2016 + quad chart 2018) Mark Ehlenfeldt?
    - Cranberry – (revised 2017) Juan Zalapa? Nick Vorsa? Perhaps Jeff Neyhart?
      1. *Rubus* – (revised 2015 + quad chart 2018) Michael Dossett and Margaret Worthington: The Fall 2020 minutes read, “Michael D. is working on the raspberry CVS, and Margaret W. is working on blackberry CVS. The goal is to have these two CVS 90% complete by March 2021 and finished by October 2021.” Perhaps Michael Hardigan?

Rubus will stay as one statement to avoid losing funding opportunities until Raspberry and Blackberry can be separated out.

1. Raspberry - Michael Dossett? Working on it
2. Blackberry - Margaret Worthington? On her list, but low down
   * + 1. *Ribes* – (created 2018, no quad chart) Are there any breeders in the US? None in US, Eric Gerbrandt contacted Tom Baumann to try to get information from Dick McGuiness on his breeding program.
3. CGC germplasm evaluation grant progress reports
4. Conteras and Hummer (2021) “Ploidy in Vaccinium species”
5. Hummer (2019, 2020) “Phenotyping diverse strawberry cultivars”.
6. **Please include in the acknowledgements, “Partial funding for the evaluations were provided by the USDA/ARS National Plant Germplasm System.”**
7. National reports
   1. Office of National Programs (ONP) report

Jack Okamuro reported. Office of National Programs has not had a Crop Production Protection deputy administrator for 3 years. They are hoping for a new hire end of 2021. NP301 Crop Genetic Improvement has just completed the 5-year cycle and a retrospective review. A new 5-year plan is in process with a theme of climate change. Some specific actions: Breeding Insights, an in-house program, to support marker assisted breeding in cranberry, blueberry and strawberry.

* 1. National Germplasm Repository Lab Beltsville (NGRL) report: Gary Kinard
* Plant Genetic Resources Management Training program, funded by NIFA, ARS, Colorado State U (Patrick Byrne), and USDA Ft. Collins (Gayle Volk), developed GRIN U to help with training and as an information resource. Next course will be offered in 2022 through CSU (see ppt presentation for links);
* Budgetary increases for small grains (Aberdeen, ID), Vaccinium (Corvallis, OR), Pecan (College Station, TX), hemp (Geneva, NY);
* Overall budget for NPGS has decreased;
* GRIN development team has been very productive with a new version of the Public Web site, Non-Research Request (NRR) filter, improved taxonomy search, and other improvements;
* Backlog of Plant Exploration proposals waiting until travel restrictions are lifted;
* New Botanist NGRL, Anne Frances, hired, will work with curators on protocols for working with native tribes;
* Positions to fill at NGRL: virologist and IT
* Many personnel changes and recruitments in process (see ppt presentation for list)

* 1. National Clonal Germplasm Repository - Corvallis (NCGR) report: Kim Hummer, Jill Bushakra, Nahla Bassil
* Rubus
* Ribes
* Lonicera
* Sambucus
* Vaccinium
  + CGC-funded research in collaboration with Ryan Contreras (OSU) on polyploidy and unreduced gamete detection using flow cytometry (Sunny Green, student)
* Fragaria
  + CGC-funded research with additional funding from Jewish Communal fund; Northwest Center for Small Fruits Research on phenotyping diverse strawberry germplasm in collaboration with Linus Pauling Institute and Oregon State Food Science Department.
  + Kim H. will be retiring early 2022 and wishes to thank the group for being so fun to work with.

Fruit & Nut Register is coming due soon, so please get your information together for submission.