

GBIRd Steering Committee Notes

NOVEMBER 2017 Meeting

Tuesday November 21, 2017 7PM EST Washington, DC
Wednesday November 22, 2017 11AM AEDT Canberra, AU
Wednesday November 22, 2017 1PM NZDT Wellington, NZ

Attendees : Maciej Maselko (first 15 min), Mike Samanski (first 15 min), David Threadgill, John Godwin, Fred Gould, Karl Campbell, Gregg Howald, Toni Piaggio, John Eisemann, Peter Brown, Dan Tompkins, Paul Thomas, Royden Saah

1. Artificial Species Barrier Presentation and Discussion (15 min)
 - a. Maciej presented slide deck and discussed his work as it may relate to GBIRd efforts.
 - b. Notes: 50% of homozygotes have no phenotype. Can focus on placental growth hormone. Questions regarding population genetics.
2. Post-Presentation Discussion and Next Steps (5 Min)
 - a. Thoughts - this tech would need to be coupled with a gene drive. Consensus gained for the following Action Item
 - b. Action Item: Paul will continue the conversation with Maciej and Mike and include David, Owen and others.
3. Review and Final Acceptance of External Ethics Advisory Committee (5 min)
 - a. Consensus gained to approve all aspects of the charter excepting the unresolved issues.
 - b. Royden ACTION ITEM - Inform Liz and encourage the development of 'next steps'
4. Budget Expectations – Action Item from GBIRd Meeting (7 min)
 - a. This agenda item was eliminated due to time constraints. Participants were encouraged to review active opportunity development
5. Project Mgmt Software (5 min)
 - a. Proposal: Form Small Group to act as champions and increase GBIRd acceptance of selected application
 - b. Consensus was not gained on this proposal. Royden will continue using Google Drive. Creating shareable links when appropriate, then securing after teams have reviewed and contributed.
6. Focused Mission of Biodiversity re: Development of Mice/Genetic Pest Management (5 min)
 - a. Fred Gould
 - b. Proposal: Have presentations and web information associated with GBIRd limit discussion and information to the on the application of conservation only
 - c. Discussion included re-examining MOU
 - d. Question - which GBIRd organizations may need extra biocontrol on islands?

- e. Comments included the NAS study focus and reiterating GBIRd principles.
 - f. Comment - Agreement that it would not be transparent to acknowledge that other applications may exist in the future if found safe and effective.
 - g. Consensus was not gained for the proposal.
 - h. Action Item: Fred will consider the dynamics discussed and bring updated proposal forward, Royden will assist.
7. Develop Subcommittee to Identify Regulatory Sponsor Process (7 Min)
- a. Gregg Howald
 - b. Proposal forthcoming
 - c. Action Item - Gregg Howald assembling subcommittee for US Regulatory Engagement
 - d. Noted Aspects:
 - i. The subcommittee may not be entirely comprised of scientists.
 - e. Subcommittee will interface with regulators (now FDA) and coordinate with geneticists as needed
 - f. The subcommittee will have all organizations represented that are involved in the US arena (TAMU, NWRC, UofA, NCSU, IC)
8. Gene Drives and Conservation - Recent challenges within the community (7 min)
- a. John Godwin
 - b. Discussion regarding peer-reviewed literature and media coverage
 - c. If Dan is keen, move forward. John lead.
 - d. John Godwin coordinate the GBIRd team response .
 - e. Supporters and funders white papers - include John within the process
 - f. Note - Heath, Karl, & Fred drafted and sent out Op-Ed for NYT.
 - i. Comment directly before 28Nov US date, if desired
9. DARPA Process – Restructure of Monthly Update Process (7 min)
- a. Postponed due to time constraints
10. Develop Planning Committee for GBIRd/NCSU SG 2018 (1 min)
- a. Postponed due to time constraints