

ADBC Summit VIII Evaluation Report

Prepared by Shari Ellis, Ph.D.

Summary

An invitation to an electronic survey was sent to 133 individuals who participated in the Summit onsite; 82 individuals responded yielding a 62% response rate. Most (66%) respondents were representing a TCN or PEN, 20% were affiliated with iDigBio, with the remaining individuals affiliated with another organization. Respondents represented projects funded each year of the ADBC program and they were about evenly split between those attending their first Summit and those who had attended prior ones (48% vs 52%).

iDigBio provided an orientation to members of the three newly funded TCNs and others who were interested. Most (84%) participants rated the orientation at least “somewhat helpful.” Over 80% rated the introductory presentations by iDigBio and NSF to be at least “somewhat informative,” and the TCN presentations to be “informative.” Respondents found the general overviews of each TCN and their lessons learned to be the most effective aspects of those presentations.

The Summit program also included a discussion among a panel of representatives of retired TCNs, a session on national challenges related to collections and digitization, and a plenary session that addressed the future of iDigBio/ADBC in the context of global initiatives. Most respondents found the sessions to be at least “somewhat informative.” Comments throughout the survey suggest that sessions likely helped attendees gain a better understanding of both the future of and the global landscape of collections digitization.

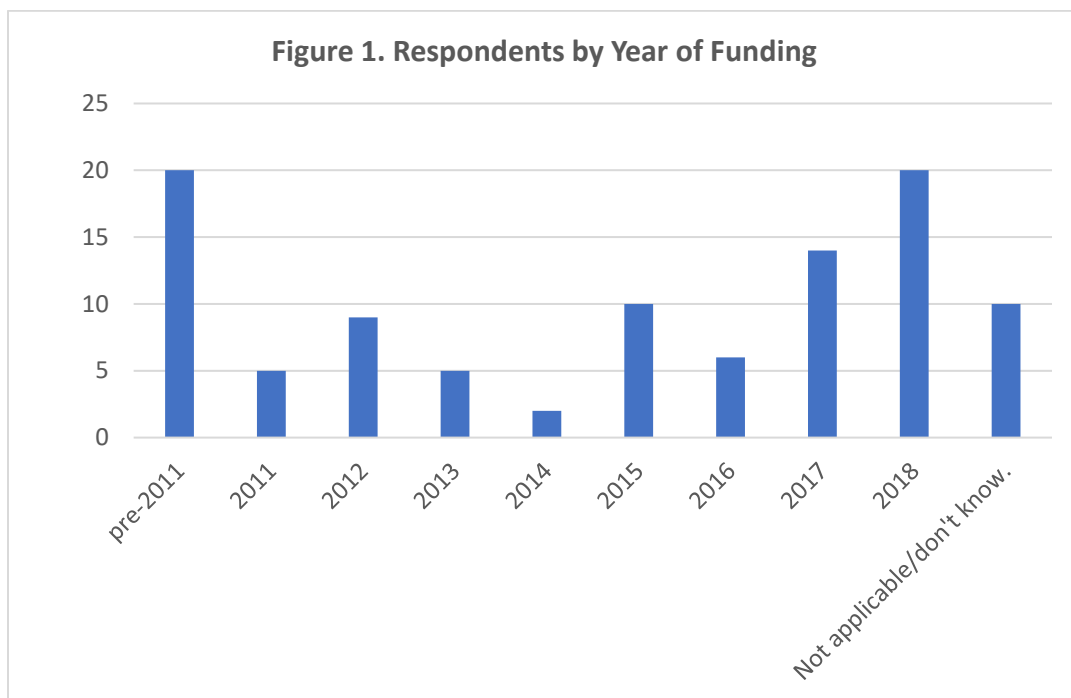
Although some of the breakout sessions were rated by too few participants to be truly meaningful, respondents rated all of them as at least “somewhat informative.” The most controversial sessions involved Symbiota and Specify. The sessions were not overly engaging to many (e.g., too dry or technical), and respondents disliked both the amount of time they were awarded in the schedule and the fact that they were held at the same time. Comments suggest the participants, in general, would prefer more “workshop” type sessions or highly interactive ones.

Respondents rated Summit organization positively. They thought the issues discussed were important, and generally thought time was distributed appropriately across the various formats (although new TCNs would always appreciate more time to work together). In contrast to past Summits, a vast majority of respondents felt there were sufficient opportunities for members of new TCNs and others new to the community to interact with members of older TCNs and more senior personnel.

With respect to the impact of participating in the Summit, a majority of respondents reported increases in knowledge of both iDigBio and the national digitization effort and TCNs. A majority of respondents also reported likely increases in communication and collaboration.

Respondents

On-site Summit participants were sent an invitation to complete an online survey (a copy of the survey is available in the Appendix). Eighty-two of the 133 participants who were sent an invitation responded yielding a 62% response rate. Two-thirds (66%) of respondents were affiliated with a TCN or PEN representatives, 20% were affiliated with iDigBio, and the remaining affiliated with other organizations. About half (57%) identified as a PI, Co-PI, Collaborating PI/Co-PI or Project Manager on a current or past ADBC project, 16% as support personnel, 14% as faculty, scientists, or other senior personnel, 8% as “other,” while 5% were students. Participants included individuals who had received funding related to digitization prior to 2011 to members of recently funded TCNs (see Figure 1). Forty-eight percent of respondents had participated in at least one previous Summit, while 52% were attending their first Summit.



Of those who answered the question, 56% were male, 40% female, and 4% transgender or not identifying as male, female, or transgender. Ninety-five percent of respondents identified as White and five percent were Black or multi-racial. Ninety-three percent identified as non-Hispanic, 6% as Hispanic, with 1% not responding. Eighty-eight percent were U.S. citizens, 7% permanent U.S. residents, and 5% non-U.S. citizens.

Orientation

The day prior to the Summit, iDigBio staff provided an orientation to members of new TCNs (Endless Forms, Pteridological Collections, and California Phenology) as well any other interested parties. The orientation covered ADBC and the national digitization effort, iDigBio

roles and resources, and the responsibilities of TCNs. The orientation was generally well-received with 84% of non-iDigBio respondents rating it as “somewhat helpful” or “helpful.” Based on written comments, one of the most useful aspects of the orientation was the review of the resources available at idigbio.org and how to find them. Other comments suggest that those new to digitization and ADBC would appreciate more detailed information about workflows and data management among other topics—during the orientation, new TCN Kickoff meetings, or the Summit:

“For first-time participants, a discussion about practical workflow options, image storage and curation, and data storage options and associated lessons learned would have been nice. I learned a smattering of information about workflows, imaging in general and data storage throughout the three days by networking and in some of the talks but a pointed discussion highlighting these topics for newbies would have been great.”

Formal Presentations

The Summit began with brief talks by iDigBio and NSF that focused on the current status of the national digitization effort and future directions. These were followed by “lightning talks” by representatives of the TCNs ([https://www.idigbio.org/wiki/index.php/ADBC Summit 2018](https://www.idigbio.org/wiki/index.php/ADBC_Summit_2018)).

With respect to format, TCN presenters were asked to provide a short overview of their TCN, one story highlighting efforts/accomplishments in workflows, sustainability, collaboration, broader impacts, and/or research use of data, and one lesson learned that could help other TCNs/PENs, especially those that are just beginning their projects. While 86% of respondents felt the brief talks by iDigBio and NSF were at least “somewhat informative,” nearly all respondents were pleased with the content and format of the TCN presentations (see Figures 2 – 4).

Figure 2. Ratings of Introductory Presentations by NSF and IDigBio

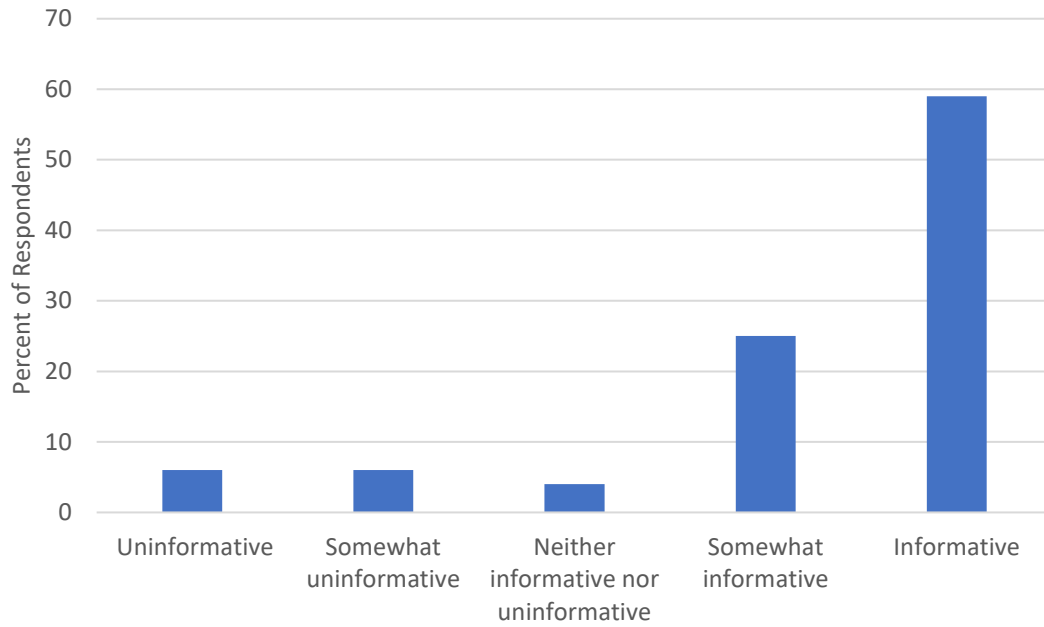
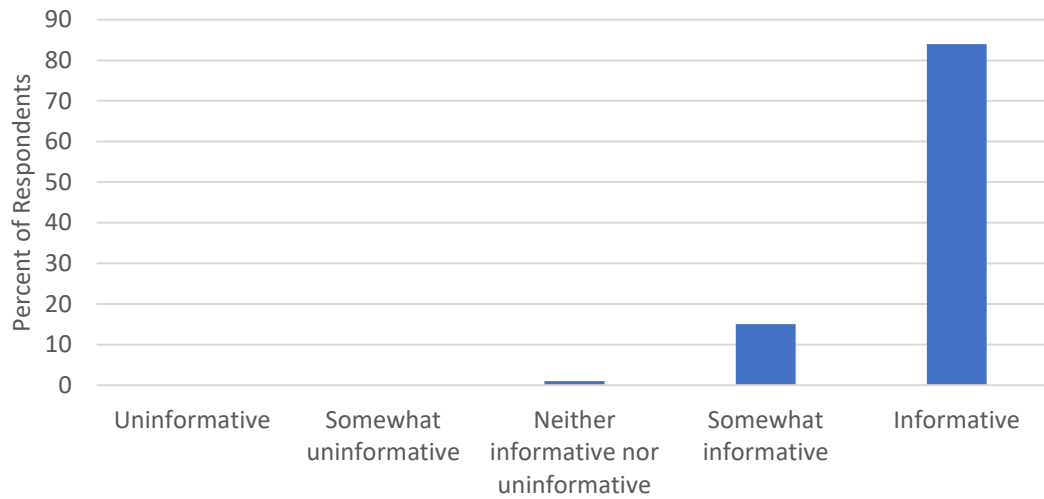
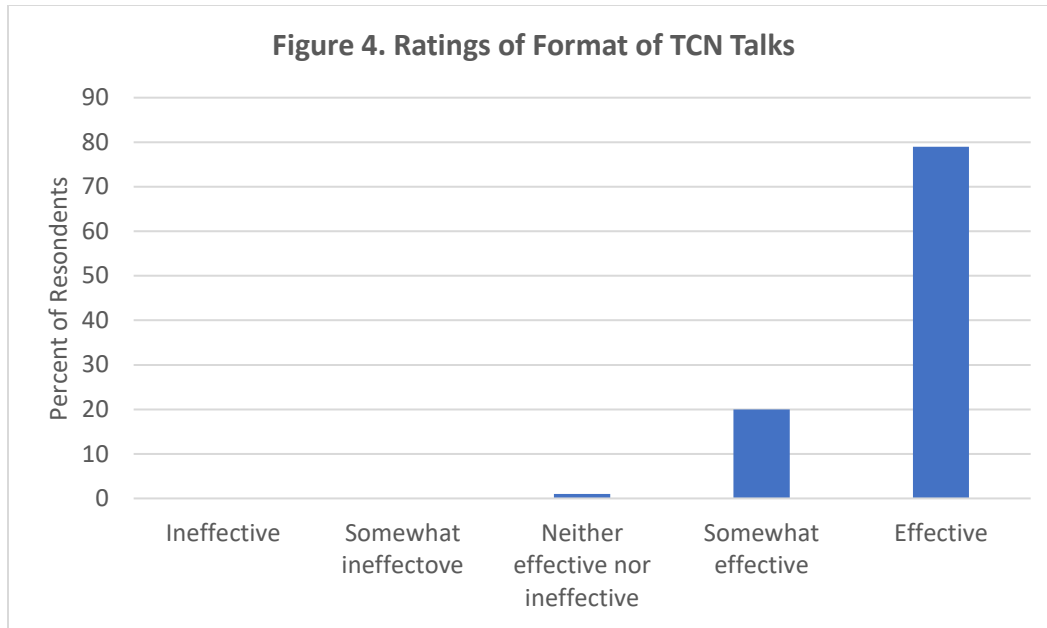


Figure 3. Ratings of TCN Talks





Comments reveal that respondents found the discussion of “lessons learned” and general overview of each TCN to be the most effective portions of the presentations. While most who commented liked coverage of research (and other) uses of data, others thought detailed discussions of research to be ineffective given the varied disciplines of audience members.

Representative comments:

“I thought they [TCN talks] were very effective and really informative. I thought all the presenters did a great job. I like the format and even in the short amount of time given I learned so much about the new and older TCNs.”

“Most effective: Info about their themes, approaches, and scope of their projects, and the pitfalls they faced in the development of their projects.”

“Tips were helpful. If there was some way to distill-down the specifics of each, in terms of methodology -- who is imaging, who is doing their data entry directly in Symbiota, who is using georeferencing tools, who is crowdsourcing, etc. So that the new ones of us had a better idea of what is being done, and who to approach with questions.”

“Tips and “Lessons learned” very helpful!”

“Most effective: The techniques and work flows and how it helped to accomplish their digitization efforts. Numbers showing that not everyone in TCN progresses at same speed but still possible to meet overall TCN goals & broader Impacts Least effective: Specific research results and publications as they are less useful to other TCNs.”

“It was particularly interesting to hear about the research questions that can be addressed via these digitized specimens, even if the goal of the TCNs is not itself research.”

When asked for ways to improve the TCN-focused session, respondents offered some suggestions regarding information that could supplement what the TCNs presenters already cover:

“I would find it helpful to have a map or diagram of overlapping taxonomic, temporal and geospatial ranges of the TCN digitization efforts.”

“I'd love to see one slide per TCN of what iDigBio thinks they have (data & images) in the portal. One issue TCNs have is easily measuring what data on the iDigBio portal is actually related to their TCN, and it seems like it should be such an easy statistic to show. TCNs could complement the iDigBio calculation with what they figure they have, and I imagine the differences would highlight data pipeline issues that are almost certainly similar between projects and institutions.”

“Give another five minutes and require that there are examples of research uses as part of this, as well as how they are tracking impact (not counting Google analytics which isn't telling you much).”

“There may be metrics that you already collect about the TCNs that could be summarized by the session leader, which would allow the TCN presenters more time to make their talk more detailed.”

The Summit program also included a discussion (led by Rich Rabeler) among a panel of representatives of retired TCNs, a session on national challenges related to collections and digitization led by BCoN representative Barbara Thiers, and a plenary session that addressed the future of iDigBio/ADBC in the context of global initiatives. As shown in Figure 5, most respondents found the sessions to be at least somewhat informative and appreciated the effort of including them in the program. These sessions generated fewer comments than the TCN presentations. Those who did comment suggested that the panel discussion could have been longer, and that the sessions, in general, could have benefitted from more opportunity for asking questions and actual discussion. However, as one respondent observed, maybe the Summit is not the best venue for difficult discussions about the future.

Representative comments:

“The session on addressing national challenges seemed more like a session for listing what some of the challenges were, but I didn't see a lot of discussion by various participants around some of those specific challenges.”

"I thought they presented a good vision on where digitization is going. It is nice to get a pulse on where all this is going."

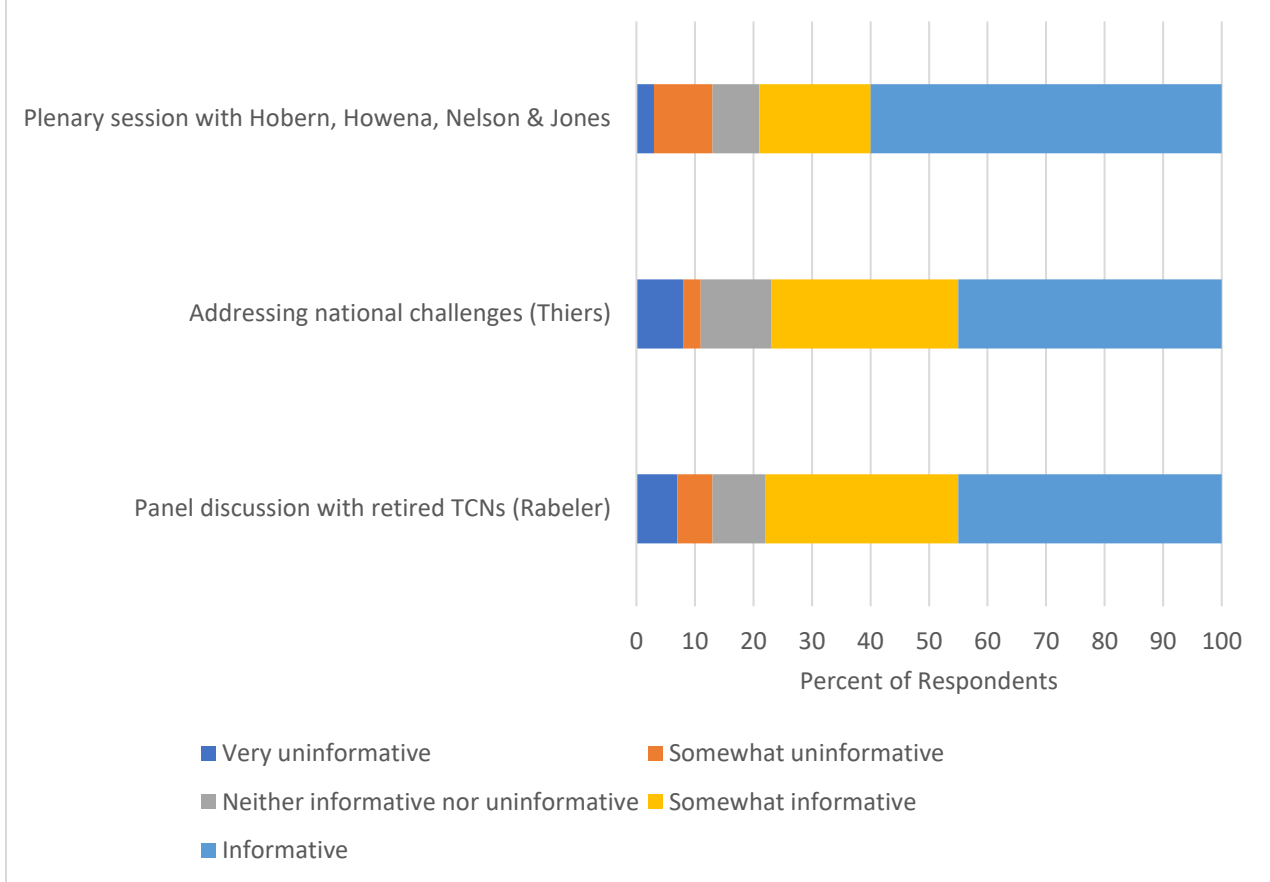
"Need more time for questions."

"I almost wish Barbara's session had been a bunch of smaller break-out groups, although I also see the logic behind the way she structured it."

"Great to see the involvement of the international community and to see a glimpse of the future."

"I detected a split between the international ambitions of NSF, iDigBio, GBIF and ALA and the TCNs. I expect that the plans presented at by iDigBio, GBIF, ALA have far reaching impacts on the budgets, digital infrastructure strategies, and the diffusion of already thinly spread biodiversity informatics skills. Also, I found the two major risks (sustainability and research outcomes) insufficiently covered. In this context, I would have expected a lively discussion around local vs centralized agency, quality vs quantity and the ability of current infrastructures to be embedded in a reproducible scientific workflow. However, I found that the audience was silent on the topic. One explanation is that a reduced (public) engagement is because the summit is mainly a vessel for programs to put their best leg forward. Another explanation is that the TCNs do not have the vocabulary or insight into the long-term implications of increasingly centralized and complex cyberinfrastructures on the independence of their own institutions. A final explanation of a relative silence on the topic is that the discussions happen in hallways, over lunch or at dinner."

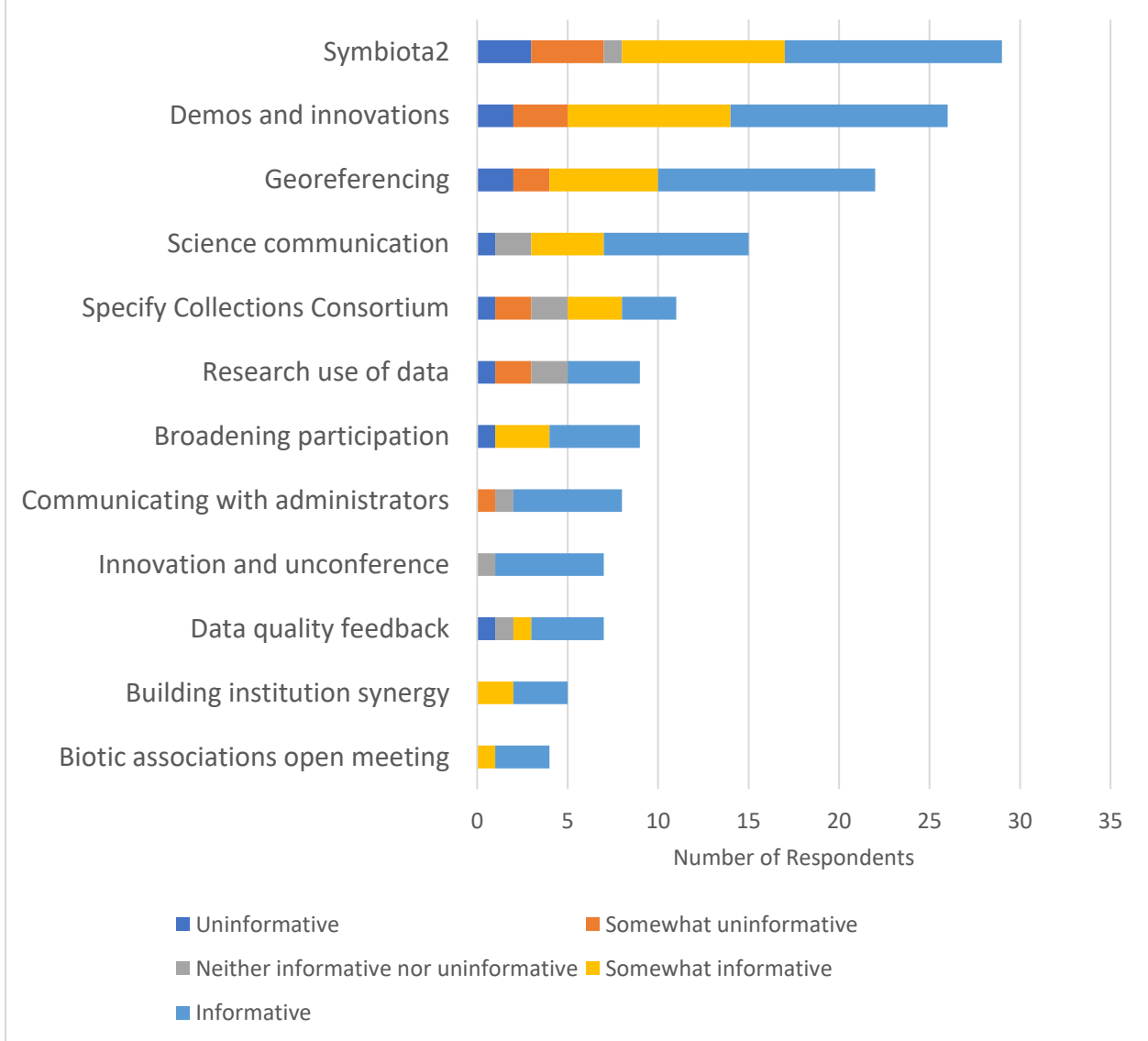
Figure 5. Ratings of Other Whole Group Sessions



Breakout and Other Sessions

If the number of individuals responding to the survey accurately reflects Summit attendees over all, the most highly attended sessions were Symbiota2, Demos and innovations, Georeferencing, and Science Communication (see Figure 6). Overall, 76% of participants rated the sessions they attended as either “somewhat informative” or “informative.”

Figure 6. Ratings of Breakout Sessions



The Symbiota and Specify sessions were commented on the most, although the Symbiota session was likely the most widely attended session as well. While some respondents appreciated hearing updates on the software, several commented that the Symbiota2 session was too technical. Others felt that the sessions took up too much space on the schedule.

While a number of sessions were mentioned as especially good (e.g., communicating with administrators, georeferencing, research uses, demos), respondents were most effusive about the Broadening Participating session which was highly interactive. In general, comments reveal that participants want sessions that foster skills or otherwise provide information they can apply, ideally conveyed in a hands-on, interactive way.

Representative comments:

“Symbiota2 was too focused on the development and architecture of Symbiota2, as a user I was most interested in knowing how will it work and how the process of migrating the data for Symbiota is going to happen, and I feel those topics were not touched in depth. Overall I think this was more for the bioinformaticians than for TCN participants.”

“While I expected the first Specify session to be an update on the progress of the Consortium, I was very disappointed in the content of the second session. I feel that this session did not match the agenda on the Wiki and was, for the most part, not keeping in spirit with the "collaborative" nature of working across collections at different institutions. There was no chance for input from the audience!”

“I'm completely on board with collection management software having time at the summit to share information and news, especially products like Symbiota that are used as portals by many TCNs. I do, however, feel that when both Symbiota and Specify have such huge chunks of the day it starts to feel a little like a sales session. We all have common issues that span CMS options, and that could be addressed in a more conceptual way. Alternatively, invite some presentations from the other CMS software projects that DON'T rely entirely on the goodwill of NSF (e.g. Arctos or EMu) and therefore may not show up for things like the summit simply because they are off being independent entities.”

“The science communication workshop could benefit from being more interactive and hands-on in the same way that the broadening impacts session was. The style of presentation of the broadening impacts session was excellent because it promoted interaction and participation - but we needed more time!!”

Respondents were also asked about topics that deserved greater coverage or that could be addressed in future Summit. One issue that was raised at the Summit related to problems with paleo data in data aggregators, including iDigBio.

“I think an important issue that needs to be addressed is the problems we're seeing with the paleo data being served in iDigBio and GBIF. It would have been nice to have had a discussion with IT folks from iDigBio and GBIF concerning the incorrect names of paleo taxa (in some cases names of extant taxa and from incorrect groups of organisms) that is being automatically populated into blank fields. I didn't attend the data quality session so maybe this was discussed there.”

Other suggestions reflect the belief that established TCNs and their leads have a good deal of information that could share:

“I would also like to see a rapid-fire panel with all the Leads or Program managers where they answer these questions: what computer should we buy? Where do you store

images? What camera do you use? How much storage is needed per image? What are all the different ways images can move from an herbarium computer to being served on the web? What tools are available in Symbiota that we haven't installed in our portal, but should?"

"A session summarizing key tips from a successful TCN at each step - from obtaining funding to final report and continuing post-grant digitization."

"I think for the new TCNs it will be great to have practical workshops from similar old TCNs."

Other respondents are interested in data use in research and/or education:

"More discussions on how to mobilize the datasets for research with concrete examples in the form of actual research projects. I think this needs to happen to tackle things like: normalizing uncontrolled terms, robust citations, joining siloed datasets, and dataset provenance."

"I feel that iDigBio has been presenting a lot about the education resources being developed, but I haven't seen a larger education vision. Everyone is trying different things, but how can iDigBio streamline and quickly disperse biology literacy."

A number of suggestions relate to social issues:

"I think the session on building institutional synergy offered an opportunity to talk about a critical topic, and one which we definitely strayed from in this year's session. Perhaps if it had been formatted as a panel followed by open discussion, and with panel speakers chosen carefully to highlight both successes and issues."

"I think the storytelling blueprint article that David Jennings shared during the Communicating with Administrators would make for an awesome exercise to work through. I can guarantee that I will never be able to dedicate the appropriate amount of time to give that exercise justice when I get back to my office. Being off-site gives me the opportunity to concentrate on important exercises such as the blueprint, which we could use to develop our own concise "elevator pitch"."

There is always this critical issue:

"I think the issues with data cleaning (especially taxonomically) deserved more attention from the group at large. Especially because this is a problem that spans taxonomic disciplines but is often discussed within a disciplines; the broader perspective would be helpful."

And several respondents suggested targeted topics that could possibly be addressed via webinars:

“One thing that would be great is a session on data management as it relates to images, CT scans, and other derivatives resulting from digitization efforts.”

“How to determine which digitization errors are correctable and which are inherent in the database each museum might be using.”

“Reviews on new imaging technology, file formats, storage services and recommendations.”

“Authority files/databases”

“I was hoping for more tools for those directly working with the students and volunteers doing the work on our digitizing project. I was made aware of what was out there, but did not feel I knew what to do without extensive research beyond the talks.”

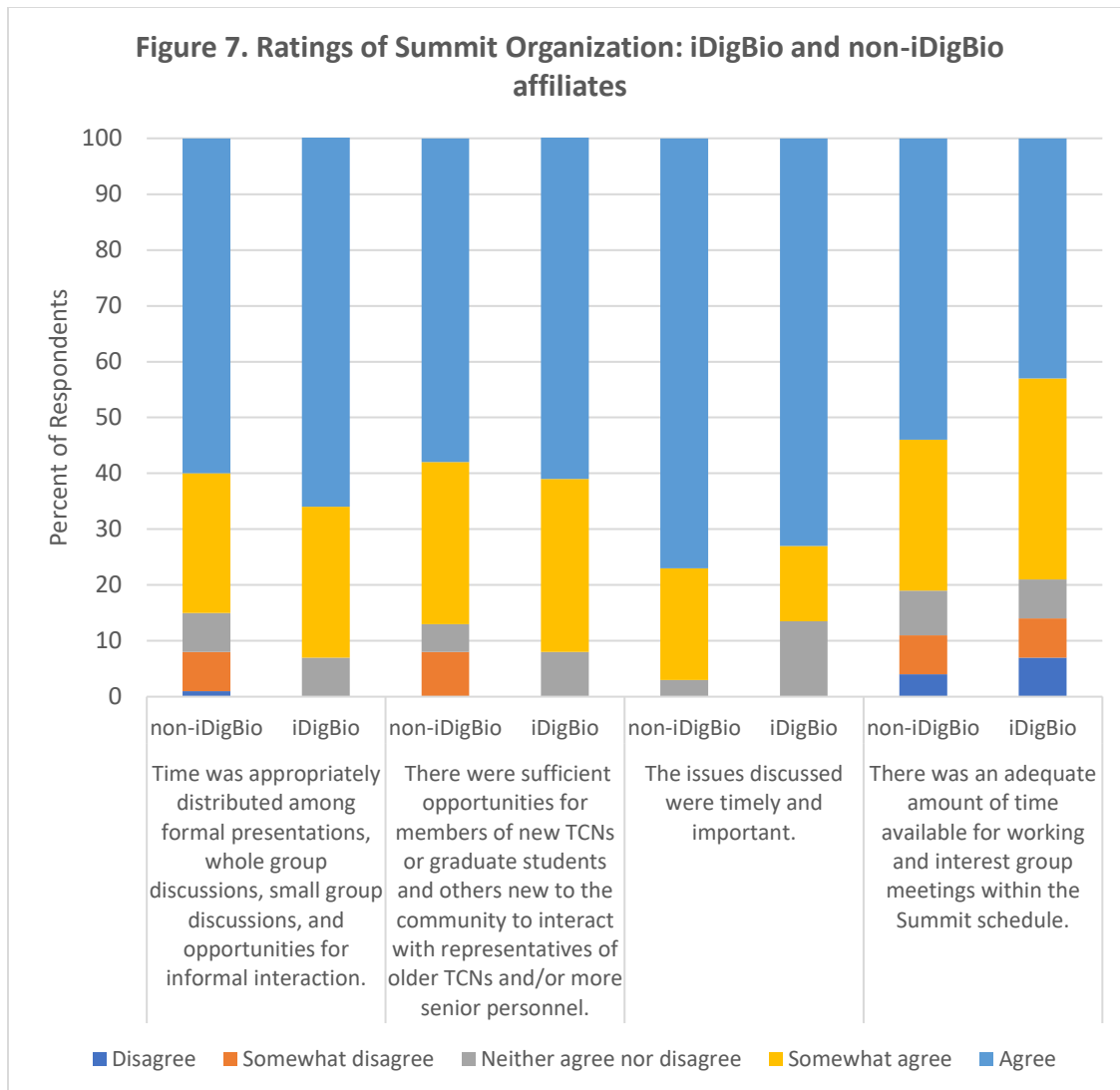
“How to explain tech topics to no-tech curators/researchers/administrators”

Summit Organization and Venue

A vast majority of respondents either “somewhat agreed” or “agreed” with four statements related to the Summit organization: the distribution of time across meeting, opportunities for interaction among new and veteran members of the community, the importance of issues discussed, and opportunities for working and interest group meetings (see Figure 7). Of note is that 90% of respondent felt there were sufficient opportunities for members of new TCNs and others new to the community to interact with members of older TCNs and more senior personnel compared to approximately 60% following the 2017 Summit. One explanation of the difference is that the 2018 program included a panel discussion (albeit fairly brief) of representatives from retired TCNs. It is also the case that all of the new TCNs involved herbaria and so may have had a ready connection with personnel involved in prior funded herbaria projects represented at the Summit.

There were few negative comments about the organization of the Summit and those that were offered are similar to those from previous Summits: frustration with concurrent sessions, a desire for more time to spend with their own TCN, longer lunches, and a wish to have the program finalized farther in advance of the meeting.

With respect to venue, 90% of respondents rated the Summit venue as either “good” or “excellent.” Negative comments focused on the challenges of traveling to Gainesville and the relative lack of affordable food options near the hotel.



Summit Impacts

Most iDigBio representatives, members of TCNs, and other affiliates reported increased knowledge of both iDigBio and the national digitization effort and TCNs as a result of the Summit (see Figure 8). Most also reported it “likely” or “very likely” that they would have increased collaboration or communication as a result of participating in the Summit (see Figure 9).

Figure 8. Self-reported Increases in Knowledge

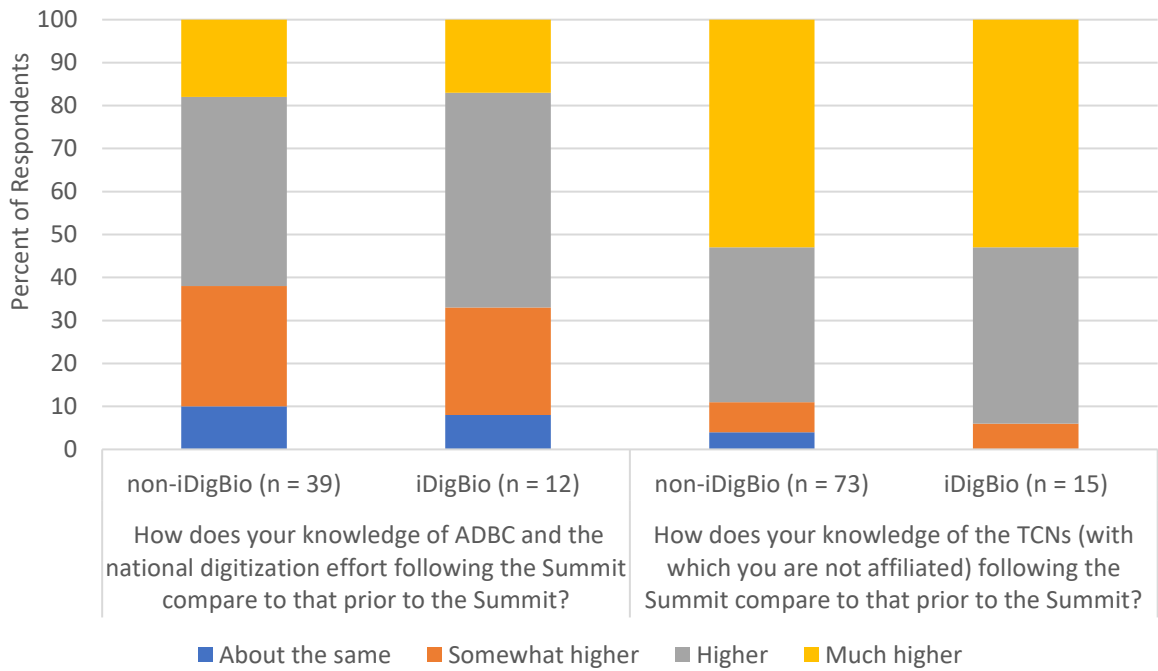
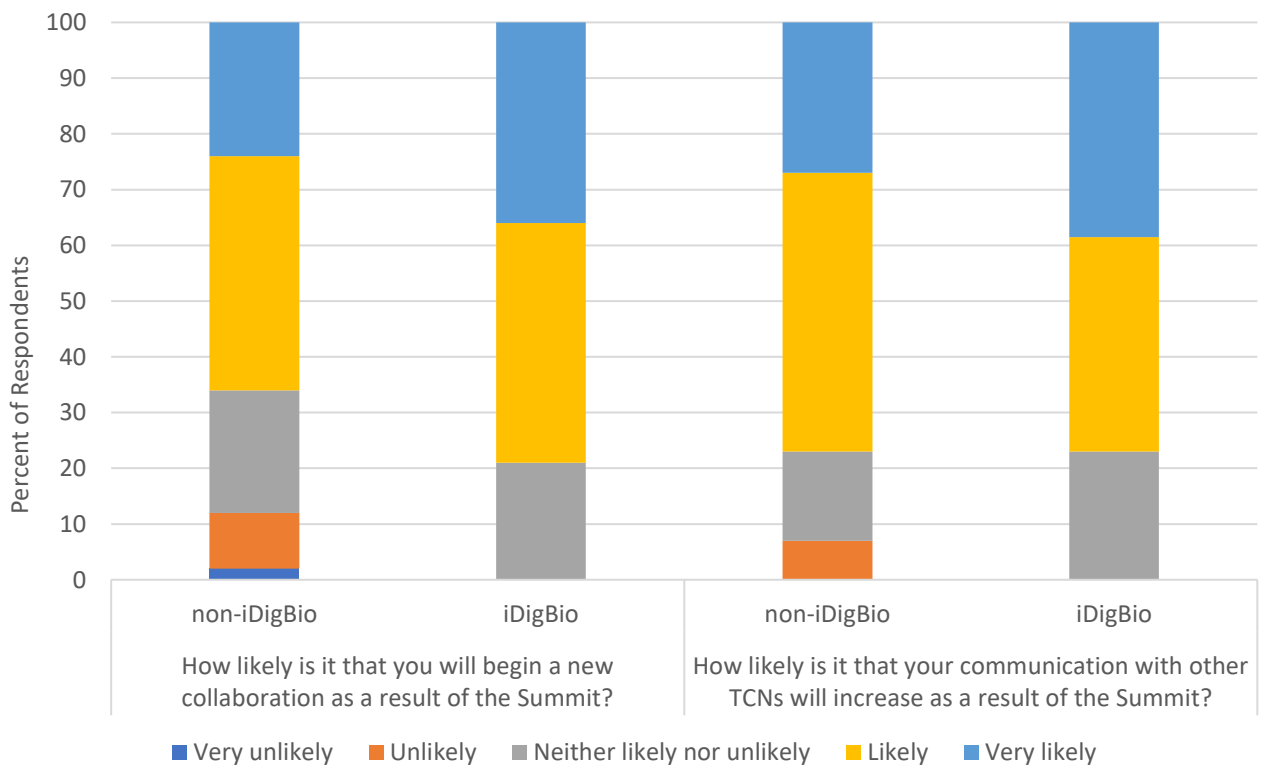


Figure 9. Potential Summit Impact on Collaboration and Communication



When asked about other potential benefits to participating in the Summit, respondents highlighted the opportunity to share information and find solutions to challenges, better understand the global landscape of collections digitization, and networking. Others commented that participating in the Summit is invigorating and motivating.

Representative comments:

"This summit provides the unique opportunity for natural history collections personnel from large and small institutions to interact and share information that goes beyond the realm of the TCNs so I think for many, myself included, this is a real benefit."

"Much better sense of the scale of the digitization efforts. I also wasn't totally clear before on the relationship between iDigBio, ADBC, and the TCNs, and now I understand how they all fit together. I think the summit is absolutely key for information and knowledge sharing, and participation for everyone involved in any TCN should be very strongly encouraged."

"I was able to meet and network with several herbarium, museum and iDigBio staff and I gained a better understanding of the big picture. I had read a good amount about the process before-hand but it was good to reinforce."

"I got ideas on how to solve other collection management and curation challenges by talking to other collection staff and iDigBio staff, including digital assets management, databases, and scripting."

"It was helpful to speak with others dealing with the same technical issues and to learn how they have resolved them."

"Obtained ideas for increasing efficiency of a dig. workflow, gained new information on tools and an approach for data analysis (unrelated to digitization per se); key information exchange with NSF reps."

"Better understanding of biodiversity informatics needs like robust citations, data conservation and data integration."

"I have always felt and continue to feel that the human aspect of ADBC is one of its greatest successes. Attending the Summit expands and reinforces our community, and I personally feel the effects of that."

"I had productive interactions with the folks from the hub and my own TCN, and my collaborators were super happy to get some NSF staff time to discuss new projects that could leverage the iDigBio platform."

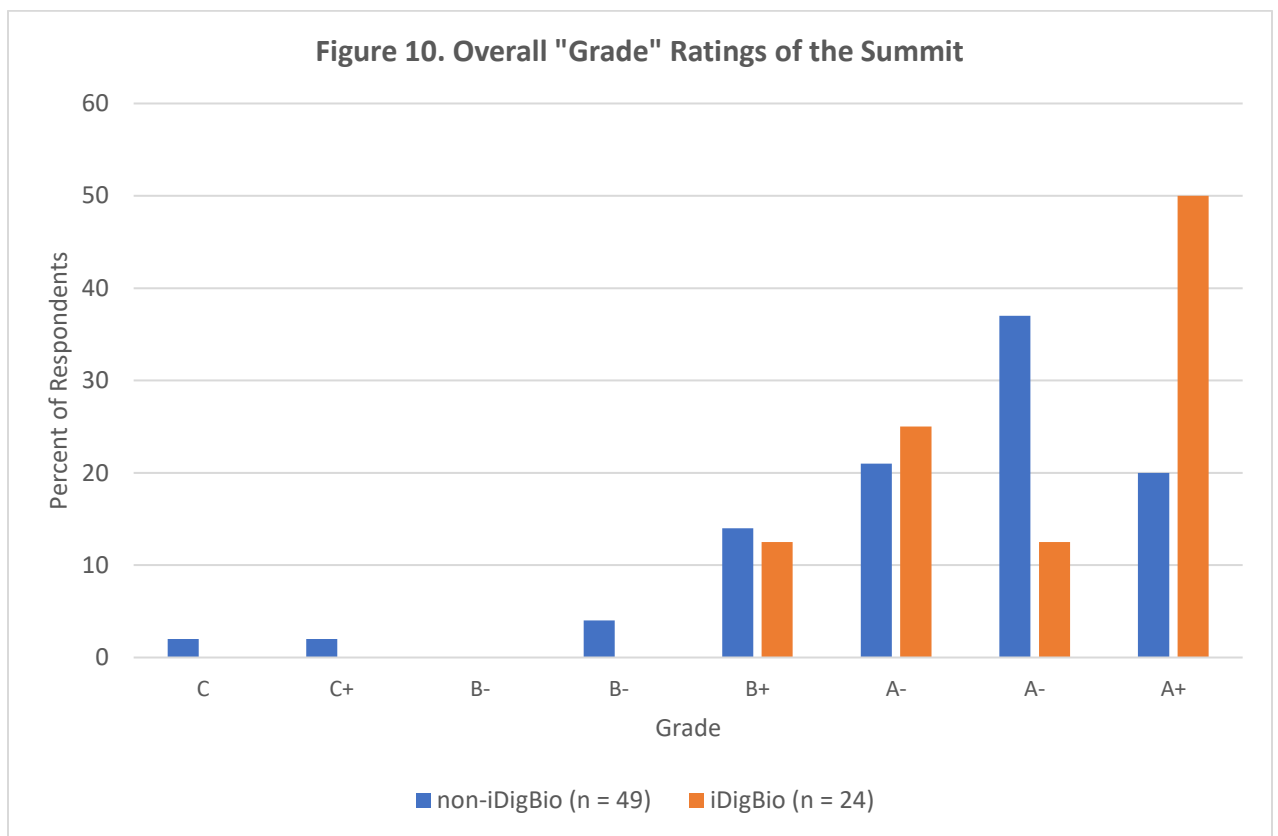
"Motivation and excitement to continue moving forward. It's easy to get stuck in a rut."

“Just feel very invigorated and invigorated by the ideas expressed at the summit.”

“Putting names and faces together, and getting to know people in the community. Meeting other collaborators, talking about protocols and workflows, chance to work through problems with collaborators.”

Overall Summit Ratings and Comments

Respondents were asked to give the Summit an overall “grade.” Of those who answered the question, grades ranged from C (n = 1) to A+. iDigBio affiliates gave the Summit an average grade of “A,” while other participants gave the Summit an average (and median) grade of A- (see Figure 10).



Appendix. Post-Summit Survey

Summit 2018 Post-Meeting Survey

October 1 - 4, 2018

The organizers of the recent ADBC Summit are very interested in your feedback! The information you share will be used to inform planning of future meetings. The survey takes about 10 minutes to complete. Feel free to skip any questions you prefer not to answer. Please respond by October 10.

By completing this survey, you are giving consent for iDigBio personnel to use your responses. Your participation is voluntary. There are no direct benefits, risks, and/or compensation for your participation. If you respond via email, your IP address will be registered; however, your responses will remain anonymous. There is minimal risk that security of any online data may be breached, but our survey host (Qualtrics) uses strong encryption and other data security methods to protect your information. Your IP address will remain confidential. Thank you for your help.

If you have questions about this research, contact Dr. Shari Ellis, Florida Museum of Natural History, University of Florida, 352-273-2066, sellis@ufl.edu.

If you do not wish to participate, please close your browser at this time.

First, a few questions about yourself and your participation at the Summit.

What was your primary role at the Summit?

- I was representing a TCN or PEN.
- I was representing iDigBio.
- Other. Feel free to explain (if you wish).

Which of the following best describes your current or past status with respect to NSF's Advancing Digitization of Biodiversity Collections (ADBC) program?

- PI, Co-PI, Collaborating PI/Co-PI or Project Manager
 - Faculty, research scientist, or other senior personnel
 - Support staff
 - Student
 - Other. Feel free to explain (if you wish).
-

When did you first start working on an NSF-funded digitization project?

- pre-2011
 - 2011
 - 2012
 - 2013
 - 2014
 - 2015
 - 2016
 - 2017
 - 2018
 - Not applicable/don't know.
-

Have you participated in one or more previous iDigBio-hosted annual Summits?

- Yes
 - No, this was my first Summit.
-

Please rate your overall level of expertise related to digitization of collections PRIOR to the Summit.

- Very low
 - Low
 - Neither high nor low
 - High
 - Very high
-

The next set of questions ask about the Kickoff Meetings held for the three new TCNs (California Phenology, Endless Forms, and Pteridological Collections Consortium) held on Monday. If you did not participate in that meeting, you will be directed to questions about the Summit.

Did you participate in the Monday Kickoff Meeting?

- Yes
- No

Skip To: Q13 If Did you participate in the Monday Kickoff Meeting? = No

Which the following best describes your **primary** role at the Kickoff meeting?

- Organizer/presenter
 - Participant
-

How helpful did you find the orientation session led by iDigBio staff?

- Unhelpful
 - Somewhat unhelpful
 - Neither helpful nor unhelpful
 - Somewhat helpful
 - Helpful
-

If you have any questions or concerns that were not addressed during the orientation, please share below. (Note that questions about the afternoon Kickoff sessions are next).

Please share any suggestions you may have to improve iDigBio's orientation of new TCNs in the future.

Did you participate in the TCN Kickoff meetings on Monday afternoon?

Yes

No

Skip To: Q19 If Did you participate in the TCN Kickoff meetings on Monday afternoon? = No

Are there any areas and/or topics for which you would like more information or guidance?
Please explain.

By what means or mechanism would you prefer to receive additional support (e.g, videos, wiki, "how-to-guides", site visits, etc.)?

How successful were the Kickoff sessions in providing you the necessary skills and knowledge to launch your digitization efforts?

- Very unsuccessful
- Unsuccessful
- Neither successful nor unsuccessful
- Successful
- Very successful

Feel free to share any additional comments about the Kickoff meeting in the space below.

Page Break

FULL GROUP SESSIONS

The next set of questions ask about the plenary sessions on Tuesday and Wednesday. Feel free to skip any questions on sessions you did not attend.

TCN Presentations

The TCN speakers were asked to provide a short overview of their TCN, one story highlighting efforts/accomplishments in workflows, sustainability, collaboration, broader impacts, and/or research use of data, and one lesson learned that could help other TCNs/PENs, especially those that are just beginning their projects. How effective was this format in conveying what you wanted to know about the TCNs?

- Ineffective
 - Somewhat ineffective
 - Neither effective nor ineffective
 - Somewhat effective
 - Effective
-

How informative did you find the talks by TCNs?

- Uninformative
- Somewhat uninformative
- Neither informative nor uninformative
- Somewhat informative
- Informative

What did you find most and least effective about the TCN presentations?

If you have any suggestions for better ways to structure TCN talks at future meetings or to foster communication across the TCNs outside of the Summit, please share below.

Please rate the other whole group sessions listed below.

Welcome and updates from iDigBio and NSF (Tuesday morning)

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Panel discussion with retired TCNs led by Rich Rabeler (Tuesday afternoon)

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Addressing national challenges led by Barbara Thiers (Tuesday afternoon)

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Plenary session with Hobern, Holewa, Nelson, & Jones (Wednesday morning)

- Very uninformative
- Somewhat uninformative
- Neither informative nor uninformative
- Somewhat informative
- Informative

If you have any comments about the plenary sessions, please share in the space below.

Page Break

WORKING, INTEREST, AND USER GROUP MEETINGS

What sessions did you join?

- Biotic associations open meeting
- Demos and innovations
- Symbiota2
- Specify Collections Consortium
- Science communication
- Communicating with administrators
- Broadening participation
- Data quality feedback
- Research use of data
- Building institution synergy
- Innovation and unconference
- Georeferencing
- I did not attend any of these sessions.

Skip To: Q48 If What sessions did you join? = I did not attend any of these sessions.

How informative did you find each session you attended?

Display This Question:

If What sessions did you join? = Biotic associations open meeting

Biotic associations

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Display This Question:

If What sessions did you join? = Demos and innovations

Demos and Innovations

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Display This Question:

If What sessions did you join? = Symbiota2

Symbiota2

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Display This Question:

If What sessions did you join? = Specify Collections Consortium

Specify Collections Consortium

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Display This Question:

If What sessions did you join? = Science communication

Science Communication

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Display This Question:

If What sessions did you join? = Communicating with administrators

Communicating with administrators

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Display This Question:

If What sessions did you join? = Building institution synergy

Building institutional synergy

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Display This Question:

If What sessions did you join? = Innovation and unconferece

Innovation and unconference

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Display This Question:

If What sessions did you join? = Broadening participation

Broadening participation

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Display This Question:

If What sessions did you join? = Georeferencing

Georeferencing

- Very uninformative
 - Somewhat uninformative
 - Neither informative nor uninformative
 - Somewhat informative
 - Informative
-

Display This Question:

If What sessions did you join? = Data quality feedback

Data quality feedback

- Very uninformative
- Somewhat uninformative
- Neither informative nor uninformative
- Somewhat informative
- Informative

Display This Question:

If What sessions did you join? = Research use of data

Research use of data

- Very uninformative
- Somewhat uninformative
- Neither informative nor uninformative
- Somewhat informative
- Informative

If you would like to explain your ratings or would like to share some thoughts on how the sessions could be improved, please do so below.

If you have any ideas for session topics for the 2019 Summit, please share below.

Page Break

SUMMIT ORGANIZATION

Please rate your level of agreement with statements related to the organization of the Summit.

Time was appropriately distributed among formal presentations, whole group discussions, small group discussions, and opportunities for informal interaction.

- Disagree
 - Somewhat disagree
 - Neither agree nor disagree
 - Somewhat agree
 - Agree
-

There were sufficient opportunities for members of new TCNs or graduate students and others new to the community to interact with representatives of older TCNs and/or more senior personnel.

- Disagree
 - Somewhat disagree
 - Neither agree nor disagree
 - Somewhat agree
 - Agree
-

The issues discussed were timely and important.

- Disagree
 - Somewhat disagree
 - Neither agree nor disagree
 - Somewhat agree
 - Agree
-

There was an adequate amount of time available for working and interest group meetings within the Summit schedule.

- Disagree
 - Somewhat disagree
 - Neither agree nor disagree
 - Somewhat agree
 - Agree
-

Please list any issues that were not discussed or deserved greater coverage. Were there issues that could have been omitted from discussion?

How would you rate the Summit venue (e.g., city, hotels, meeting facilities) overall?

- Terrible
- Poor
- Average
- Good
- Excellent



If you would like to explain your venue rating, please do so below.



Please share any other ideas you may have about ways to improve the structure or organization of the Summit.



POTENTIAL IMPACTS OF YOUR PARTICIPATION IN THE SUMMIT

Display This Question:

If Did you participate in the TCN Kickoff meetings on Monday afternoon? = No

How does your knowledge of ADBC and the national digitization effort **following** the Summit compare to that **prior** to the Summit?

- About the same
 - Somewhat higher
 - Higher
 - Much higher
-

How does your knowledge of the TCNs (with which you are not affiliated) **following** the Summit compare to that **prior** to the Summit?

- About the same
 - Somewhat higher
 - Higher
 - Much higher
-

How likely is it that your communication with other TCNs will increase as a result of the Summit?

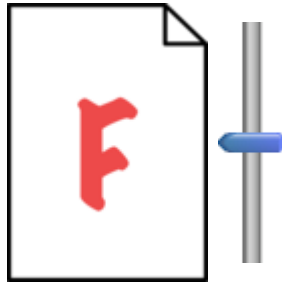
- Very Unlikely
 - Unlikely
 - Undecided
 - Likely
 - Very Likely
-

How likely is it that you will begin a new collaboration as a result of the Summit?

- Very Unlikely
 - Unlikely
 - Undecided
 - Likely
 - Very Likely
-

What other benefits, if any, did you gain by participating in the Summit?

What overall grade would you give the Summit? If you skip this question, no response is recorded.



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

If you would like to explain your grade, please do so below.

Page Break

SUMMIT WIKI/PROGRAM

When communicating about the Summit, we are always trying to find the right balance between email, the online wiki, and printed materials. We are interested in feedback about our approach this year.

How helpful was the Summit wiki when you were making travel arrangements and other plans in advance of the Summit?

- Unhelpful
 - Somewhat unhelpful
 - Neither helpful nor unhelpful
 - Somewhat helpful
 - Helpful
 - I was not aware of the wiki prior to the Summit.
-

How helpful was the Summit wiki during the meeting?

- Unhelpful
 - Somewhat unhelpful
 - Neither helpful nor unhelpful
 - Somewhat helpful
 - Helpful
 - I was not aware there was a Summit wiki.
-

How helpful was the printed "mini" program that included maps and a condensed schedule during the Summit?

- Unhelpful
 - Somewhat unhelpful
 - Neither helpful nor unhelpful
 - Somewhat helpful
 - Helpful
-

How helpful was the agenda provided for mobile use?

- Unhelpful
 - Somewhat unhelpful
 - Neither helpful nor unhelpful
 - Somewhat helpful
 - Helpful
 - I was not aware there was a more mobile friendly agenda.
-

How helpful were the participant bios?

- Unhelpful
- Somewhat unhelpful
- Neither helpful nor unhelpful
- Somewhat helpful
- Helpful

If you would like to explain your ratings or suggest ways we can improve communication about the Summit in the future, please do so below.

FUTURE SUMMITS

We are always looking for ways to add value to the Summit especially as we move toward a model where participants will cover some of the costs. This year, we offered a Data Carpentries workshop. Please share any suggestions about workshops or other value-added activities we could offer at future Summits.

Feel free to share any additional comments about this or future Summits in the space below.

End of Block: Default Question Block
