

DFFU-IAS Skype call I

11 April at 19:00-21:00 Auckland = 17:00-19:00 Melbourne = 09:00-11:00 Moscow = 08:00-10:00
Brussels, Cape Town, Copenhagen = 02:00-04:00 Washington DC

Members present: Melodie A. McGeoch (MM, Chair), Quentin Groom (QG), Varos Petrosyan (VP), Shyama Pagad (SP), John Wilson (JW), Dmitry Schigel (DS, GBIF contact)

Apologies: Gregory M. Ruiz (GR)

Opening words, introductions

Round of introductions

MM: IAS and conservation background

VP: Russian Academy of Sciences, development of databases, IAS, remote sensing data, from gene to space

QG: botanical garden, man and plans, IAS, dispersal, data management and databases in the garden. EU project Alien Challenge

SP: based in NZ, Programme Officer for the IUCN IAS management group. Helping research and practitioners. DB from before 2000. 15+ years of

JW: based in SA, IAS programme work with SANBI, policy and management. National status report for 2017.

DH: Executive secretary of GBIF, naturalist and computer scientist, 14 year with GBIF and ALA.

DS: Programme Officer for Content Analysis and Use, GBIF contact for the task group

DS: the idea of DFFU-IAS (Homework: read the [ToR](#)).

- Why FFU, TG objectives and outputs
- The way TG works
- Expected outcomes (Homework: explore the 2015 reports on i) [agrobiodiversity](#) and ii [distribution modelling](#))
- Deadlines
- Anticipated timeline

MM, DH - introduction of EBVs, doc will be upload to Google Drive and personal discussion possible. DH suggests that recommendations would relate to IAS topics and also EBV,

ecological impacts, MM adds that all alien species are native somewhere, GBIF context, geographic distribution, distinct between native and invasive ranges.

JW: What we are not dealing with here? Invasions, paths and areas.

DH: GBIF up to this point focused on datasets which relate to occurrences in time and space, expand to provide access to the associated info, such as collecting events. Information as checklists. Metadata, and additional data such as red lists statuses, invasive statuses etc. GBIF is not planning to expand the ranges of data currently, related activities such as GIASIP, etc cover pathway data, and properties as species attributes in time and space. Interoperability through partnerships would provide better interlinking of the data. We expect to integrate = identify additional types of info to be linked to GBIF type of data.

GBIF relevance is important, Data types - sample based publishing.

DH: **GBIF Data licenses.** Standardized access, what can be done, fair credit, comfort for players. Three CC licenses: CC0, and CC-BY, = 90% CC-N = 10%. GBIF is also using DOI as they way to neatly cite the

Objective 1.

IAS species, inclusive scope.

JW: Cultivation and zoos?

DH: yes, if relevant and needed. Perhaps more relevance with plants, than with animals.

DS: model allows for zoo etc data

DH: if such data is distorting the analysis.

JW: other way is known that species was in the area and had the potential to invade.

SP: concern about agriculture and pests as distorting, as some countries are dominated by such data which hide other IAS species.

MM: a priori aliens in, but we see how things go.

DH: the skew highlighted by SP, we need to know the way to balance, slice the data are skewed.

SP: tags in global record.

Objective 2.

Reach out to users, be deputies.

MM agrees to draft the strategy for input.

QG: Neobiota (14-16 September) is close to the second meeting. This will be an important place to seek input, but it is quite late on in the process.

DS: could be the last event to collect the opinion for this groups' report.

Mode of operation.

MM: Once a month Skype with Google Drive with tasks.

Slack is rejected as a communication platform, [Google drive](#) is an agreed working platform

Content and information part

MM chairs. MM thanks the group. Geographic representation and expertise. Experts well connected into regions and disciplinary areas. Your connections are very important to cover the geographic coverage.

Harvesting the information. WE will make the list of contact each of expert knows, min 10 people each. MM opened the [Google Table](#) for collecting key contacts. This would make min 60 top experts to approach individually.

Informations strategies.

1. Personal expertise
2. Attending conferences
3. Online survey based exercise to research broader community.

QG: we need to consult a bit wider than IAS community, we can reach out the data holders. Data holders might have data we need but may not be aware we need it, or don't have an easy way to provide it.

MM: targeting researchers who use GBIF published data

QG: Focus on IAS researchers needs, but make recommendations not just to the GBIF S, but to data providers too.

DH: recommendations to data publishers and data Nodes. Understand the needs and more automated data to GBIF. How to assist the data publishers.

DS: GBIF can offer the network

JW: proportion of GBIF study and literature

DS: we can compile lists of GBIF positive and GBIF negative researchers

SP: species are not tagged as invasive in the studies.

JW: national strategies and groups of people using GBIF. Governments etc.

MM: **homework** of the next meeting is to revisit the GBIF.org. Set of dummy questions.

MM will draft the report which will be a living document.

MM asks for expectations and what would be useful from personal perspective.\

QG: practical recommendations, not generalities. Finding changes to make in GBIF that would make a differences. Communication with GBIF encouraged.

DH: keep the big dreams in, irrespectively of how realistic is that

JW: interoperability with other dbs. And initiatives, IPBES, Simberloff, now you see them, now you don't paper.

SP: working for global register. Accessibility of information, disparity between the countries. Promotion, species names, ranges, terminology. Checklists, Excel sheets, many data holders from the low internet speed countries.

VP: Three points, in Russia and FSU countries we have checklists for all alien species in various taxonomic group. We may compare the data with NOBANIS and Daisie portals. To combine and to make an Eurasian list. Second, we need to platform similar to RGate to include datasets and metadata about IAS species and also the literature. Third, we need to create the list of active IAS species. In depth investigation, from data to papers.

DH: GIASIP work on data integration, with CABI, ISSG, NHM London, most easily standardized info on distribution on ranges, pathways, there or four models, species-country-links, species-pathway-further info. Lookup services over that. Strengthen the links to research and papers that making use of GBIF data. DOI for downloads are recommended/required for users in referring. Currently GBIF track through GBIF names, not a direct link to certain datasets. To make easier.

MM: scale of FSU checklists?

VP: factsheets, can be submitted as metadata, same structure as NOBANIS? We can capture historical perspective, NOBANIS structure for metadata.

Actions points / Homework:

1. Add your Title, Name, Affilication, Photo 1 paragraph biography for the GBIF news here <https://docs.google.com/document/d/1PfD4bXdnqeFUWKpwShVESujRAI7YVr8nV-pnSlgkYJs/edit>
2. List min 10 top contacts in the google table: https://docs.google.com/spreadsheets/d/1Byyg7vYAqPoWCdkI_wU6PLsycQw6nq4J4ZSx303y6F8/edit#gid=0.
3. Report draft and strategy on information harvesting, comment and expland, set a running list of key points and key ideas.: https://docs.google.com/document/d/1PEvOpbkNJq-lSpd63fkheOB_o_wqLJBs5edaAfMxC4o/edit
4. Explore GBIF.org by using a set of dummy questions
5. DS will update Gregory

6. Next Skype call to schedule - suggest dates in mid May to Dmitry