TaxonWorks

Together, 2021

Species File Group and Collaborators

That's you!

Welcome, and thank you!

Logistics

Coming at you in Zoom chat now!

Key links

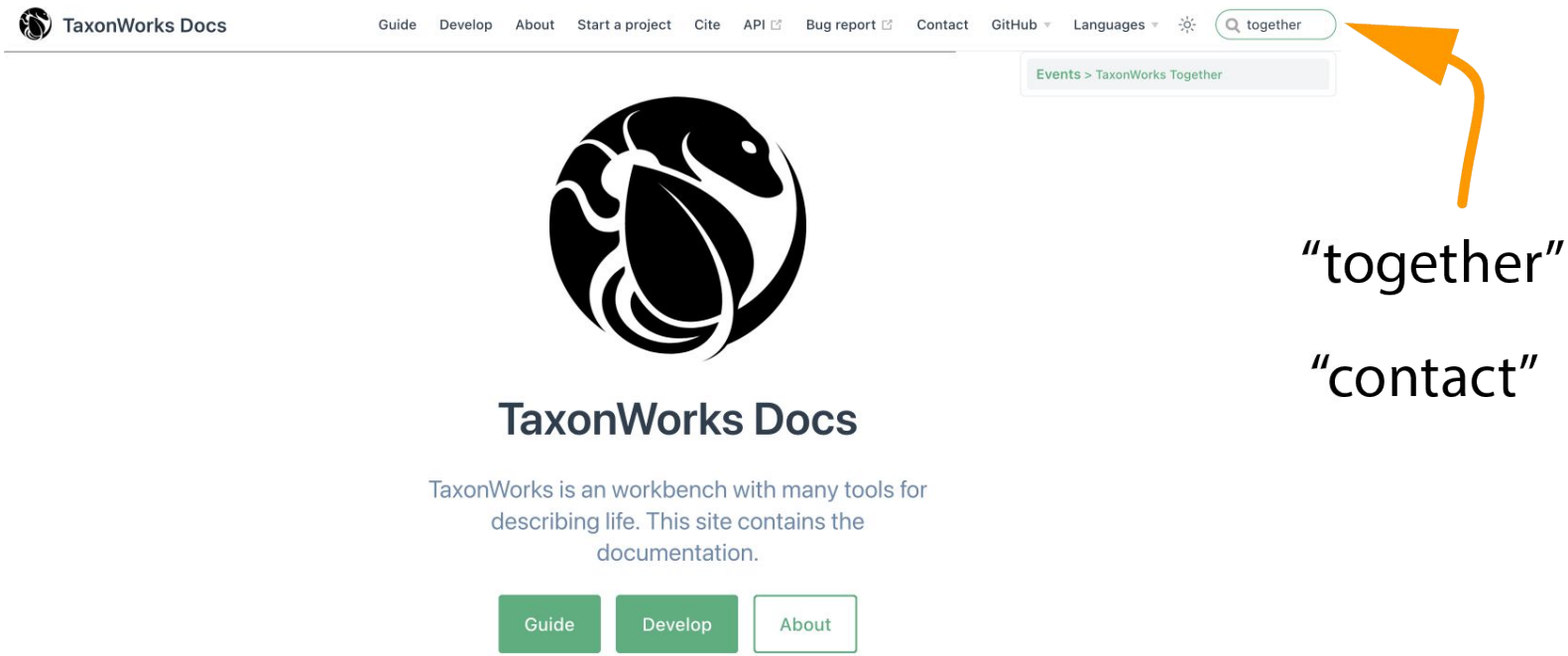
Shared notes in a Google doc

Links, questions, more

Support

Any Species File Group member

[SFG] - Zoom name



“together”

“contact”

docs.taxonworks.org

Meeting Guidelines

- We are all learning together
- There are no dumb questions
- Be kind

Questions, ask them:

- In the Google Doc (Fantastic!)
- In Zoom chat (Great)
- In an issue tracker, linked to Google doc (Amazing!)
- In TaxonWorks chat (Yay!)
- To our Community Liason (Always welcome!)

You can present!

3 minutes - 1 slide

Reach out and let us know.

Questions?

Why TaxonWorks Together?

- **Awareness** - TaxonWorks, and these resources exist!
- **Understanding** - What is/not TaxonWorks?
- **Prioritization** - What does the community need?
- **Collaboration** - How can we help each other?
- **Transparency** - We imagine many things, what's reality?

TaxonWorks

Who is the Species File Group (SFG)?

Deborah Paul

Dmitry Dmitriev

Yuri Ruskov

Dmitry Mozzherin

Rich Flood

Geoff Ower

R. Edward DeWalt

José Luis Pereira

Hernán Lucas Pereira

Matt Yoder

https://speciesfilegroup.org/about.html

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

Prairie Research Institute
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

ILLINOIS NATURAL HISTORY SURVEY
PRAIRIE RESEARCH INSTITUTE

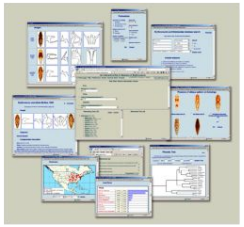
Origin

Personal scripts

Desktop databases

TAMUIC Insect Collection

Species Files



3i

mx

INHS Insect Collection

gna

Global Names

Catalogue of Life

TaxonWorks

Scope

- **Taxonomy** - Describe, name, relate species.
- **Biological Systematics** - Phylogenetics, biogeography.
- **Natural History Collections** - Digitization, loans.
- **Your descriptions of life** - Ecology, biological associations.
- **Example concepts** - https://stats.taxonworks.org

Philosophy

- **Open source software**
- **Collaborators, not users** - Support research AND code
- **Expert system** - Facilitate the hard things to do
- **Meet current needs** - Listen for the future
- **Standards guide, not constrain**

Work alone, together

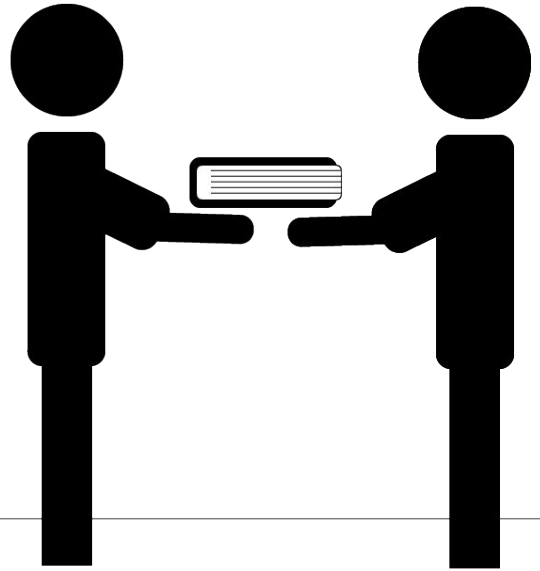
Alone

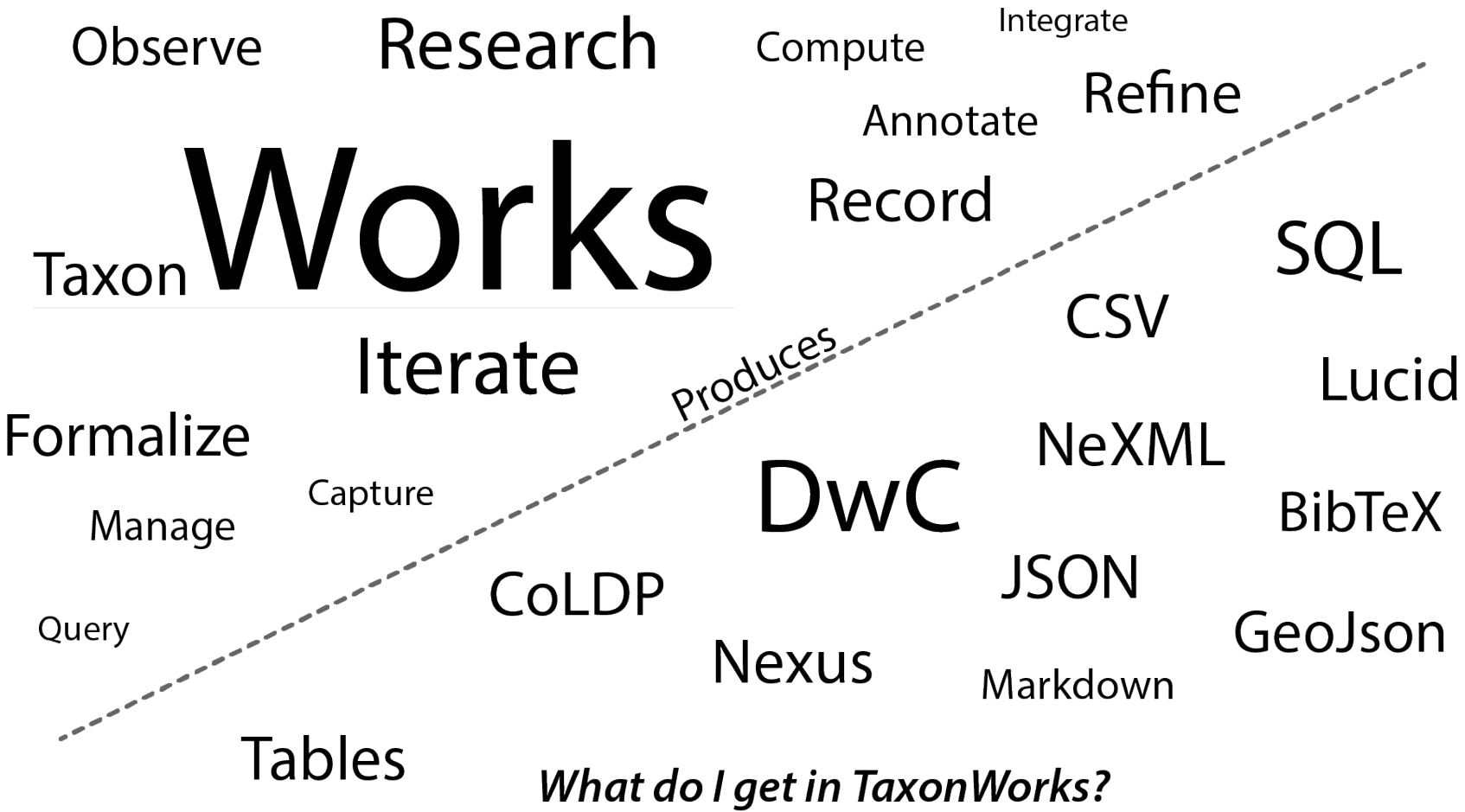
Individuals need tools. **You** make observations, record and review data, write results, file reports, make edits, click buttons, share data.

Together

- Your collaborators
  students, profs, technicians, amateurs, volunteers
- Other TaxonWorks users
  from projects in your TaxonWorks
- The rest of the world
  FAIR - Findable, accessible, interoperable, resusable

Knowledge passed on




Observe
Research
Compute
Integrate
Refine
Annotate
Record
Taxon
Works
SQL
CSV
Iterate
Produces
Lucid
Formalize
NeXML
DwC
Capture
Manage
BibTeX
JSON
CoLDP
Query
GeoJson
Nexus
Markdown
Tables
What do I get in TaxonWorks?

What TaxonWorks Isn't?

... come Wednesday, ask anytime.

What is TaxonWorks?

A week of (interactive) stories

@TaxonWorks

#taxonworkstogether2021

- **Mon** - Show/tell, Q & A
- **Tues** - Biodiversity informatics communities; Nomenclature
- **Wed** - State of Union; Matrices; Casual/Chill time
- **Thu** - Collecting, Specimen Handling, Digitization
- **Fri** - Technical unconference, all welcome.