**User-entry fields for each form and relevant info**

(\*here, a form is conceptualized as all the fields for one “submit” - probably corresponds to a node)

Structure of the info in this doc:

**Name of field for user interface (It would be good if the word schema does not need to be repeated all the time on the schema page for crispness and space saving reasons):**

PBot: the PBot backend field name+code from the list Claire generated

dwc: the DarwinCore field term name and link to term info. <https://dwc.tdwg.org/terms/>

Info: the definition of the field. In addition to being for our internal use, these will serve as the draft for later definitions used in the guidelines/tutorials for users.

Entry type: describe how users will enter data into the field

Considerations: this is an optional section, if there is info to convey to the PBot team (Botany, Dev, or both) about the field. Notes, wishes, questions, etc.

\*I grouped fields by required, optional, and links to outside sources, as I found that helpful for considering the fields.

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**Schema Node with Considerations of Workbench and Search Functions**

**Schema Nodes**

***Required fields:***

**Schema Title:**

PBot: Schema:title

Dwc:NA

Info: The title should be the same as the published or working title and therefore should match the reference title

Entry type: string

Considerations:

**Schema Parts Peserved (used to be Organ):**

PBot: schema: [Schema!]! @relation(name: “IS\_TYPE” direction: IN)

dwc: NA

Info: Users select from a predefined set of organ nodes made available by PBot Admin

Entry type: selection to create relationship

Considerations:

**Schema Purpose:**

PBot: Schema:purpose

dwc: NA

Info: Limit to just two or three sentences that provide user knowledge of when to use this schema

Entry type: string

Considerations:

**Schema Reference:**

PBot: Reference:citedBy: [Citer!]! @relation(name: “CITED\_BY”, direction:OUT)

dwc: provided in reference node fields

Info: This is the published schema citation or working citation if schema still  in development

Entry type: This field assumes a reference was already created and the user is required to select a reference to create relationship

Considerations:

**Schema Group:**

PBot: Group:elementOf: [Group!]! @relation(name: “ELEMENT\_OF”, direction: OUT)

dwc: NA

Info: User able to assign multiple groups including “Public”

Entry type: selection to create relationship

Considerations:

***Optional fields:***

**Schema Notable Features Preserved:**

PBot: schema: [Schema!]! @relation(name: “IS\_TYPE” direction: IN)

dwc: NA

Info: Users select from a predefined set of organ nodes made available by PBot Admin

Entry type: selection to create relationship

Considerations:

**Schema Acknowledgements:**

PBot: Schema:acknowledgements

Dwc: NA

Info: A space for schema authors to acknowledge researchers, artists, etc. who contributed to development of the schema

Entry type: string

Considerations:

***Fields auto-generated by PBot:***

**pbotID**

PBot: pbotID:ID!

dwc:  NA

Info: Internal unique identifier in the PBot database.

Entry type: no entry, is autogenerated by PBot when creating a new record.

Considerations: This is used to create unique identifiers for schema, characters, and states

**Date Created:**

PBot: Schema:~~year~~date

dwc: similar to but not quite synonymous with recordedBy

Info:

Entry type: string

Considerations: Be sure to resolve conflict with enteredBy: [SchemaEnteredBy] already in PBot. No entry, is autogenerated by PBot based on the user login when creating a new record.

**Date Published:**

PBot: Schema:~~year~~date

dwc: similar to but not quite synonymous with recordedBy

Info:

Entry type: string

Considerations: Be sure to resolve conflict with enteredBy: [SchemaEnteredBy] already in PBot. No entry, is autogenerated by PBot based on the user login when creating a new record.

**Date Updated:**

PBot: Schema:~~year~~date

dwc: similar to but not quite synonymous with recordedBy

Info:

Entry type: string

Considerations: Be sure to resolve conflict with enteredBy: [SchemaEnteredBy] already in PBot. No entry, is autogenerated by PBot based on the user login when creating a new record.

**Character Nodes**

***Required fields:***

**Character Name:**

PBot: Character:name

dwc: NA

Info: Short identifier for character type

Entry type: string

Considerations:

**Character Of:**

PBot: Schema:characters: [Character] @relationship(name: “CHARACTER\_OF”, direction: IN)

dwc: NA

Info:

Entry type: selection to create relationship

Considerations: Required to submit character

***Optional fields:***

**Character Definition:**

PBot: Character:definition

dwc: NA

Info: Short definition of the character type

Entry type: string

Considerations: Must have created character first

**Character Image:**

PBot: TBD

dwc: NA

Info: Image is often a plate of images

Entry type: selection to create relationship with existing image

Considerations: Not required to submit character

***Fields auto-generated by PBot:***

**pbotID**

PBot: pbotID:ID!

dwc:

Info: Internal unique identifier in the PBot database.

Entry type: no entry, is autogenerated by PBot when creating a new record.

Considerations: This is used to create unique identifiers for schema, characters, and states

**Date Created:**

PBot: Schema:~~year~~date

dwc: similar to but not quite synonymous with recordedBy

Info:

Entry type: string

Considerations: Be sure to resolve conflict with enteredBy: [SchemaEnteredBy] already in PBot. No entry, is autogenerated by PBot based on the user login when creating a new record.

**Date Updated:**

PBot: Schema:~~year~~date

dwc: similar to but not quite synonymous with recordedBy

Info:

Entry type: string

Considerations: Be sure to resolve conflict with enteredBy: [SchemaEnteredBy] already in PBot. No entry, is autogenerated by PBot based on the user login when creating a new record.

**State Nodes**

***Required fields:***

**State Name:**

PBot: State:name

dwc: NA

Info: Short identifier for state type

Entry type: string

Considerations:

**State Of:**

PBot: Schema:state: [State] @relationship(name: “STATE\_OF”, direction: IN)

dwc: NA

Info:

Entry type: selection to create relationship

Considerations:

***Optional fields:***

**State Definition:**

PBot: State:definition

dwc: NA

Info: Short definition of the state type

Entry type: string

Considerations:

**State Image:**

PBot: TBD

dwc: NA

Info: Image is often a plate of images

Entry type: selection to create relationship

Considerations: Not required to submit state.

***Fields auto-generated by PBot:***

**pbotID**

PBot: pbotID:ID!

dwc:  NA

Info: Internal unique identifier in the PBot database.

Entry type: no entry, is autogenerated by PBot when creating a new record.

Considerations: This is used to create unique identifiers for schema, characters, and states

**Date Created:**

PBot: Schema:~~year~~date

dwc: similar to but not quite synonymous with recordedBy

Info:

Entry type: string

Considerations: Be sure to resolve conflict with enteredBy: [SchemaEnteredBy] already in PBot. No entry, is autogenerated by PBot based on the user login when creating a new record.

**Date Updated:**

PBot: Schema:~~year~~date

dwc: similar to but not quite synonymous with recordedBy

Info:

Entry type: string

Considerations: Be sure to resolve conflict with enteredBy: [SchemaEnteredBy] already in PBot. No entry, is autogenerated by PBot based on the user login when creating a new record.

new record.