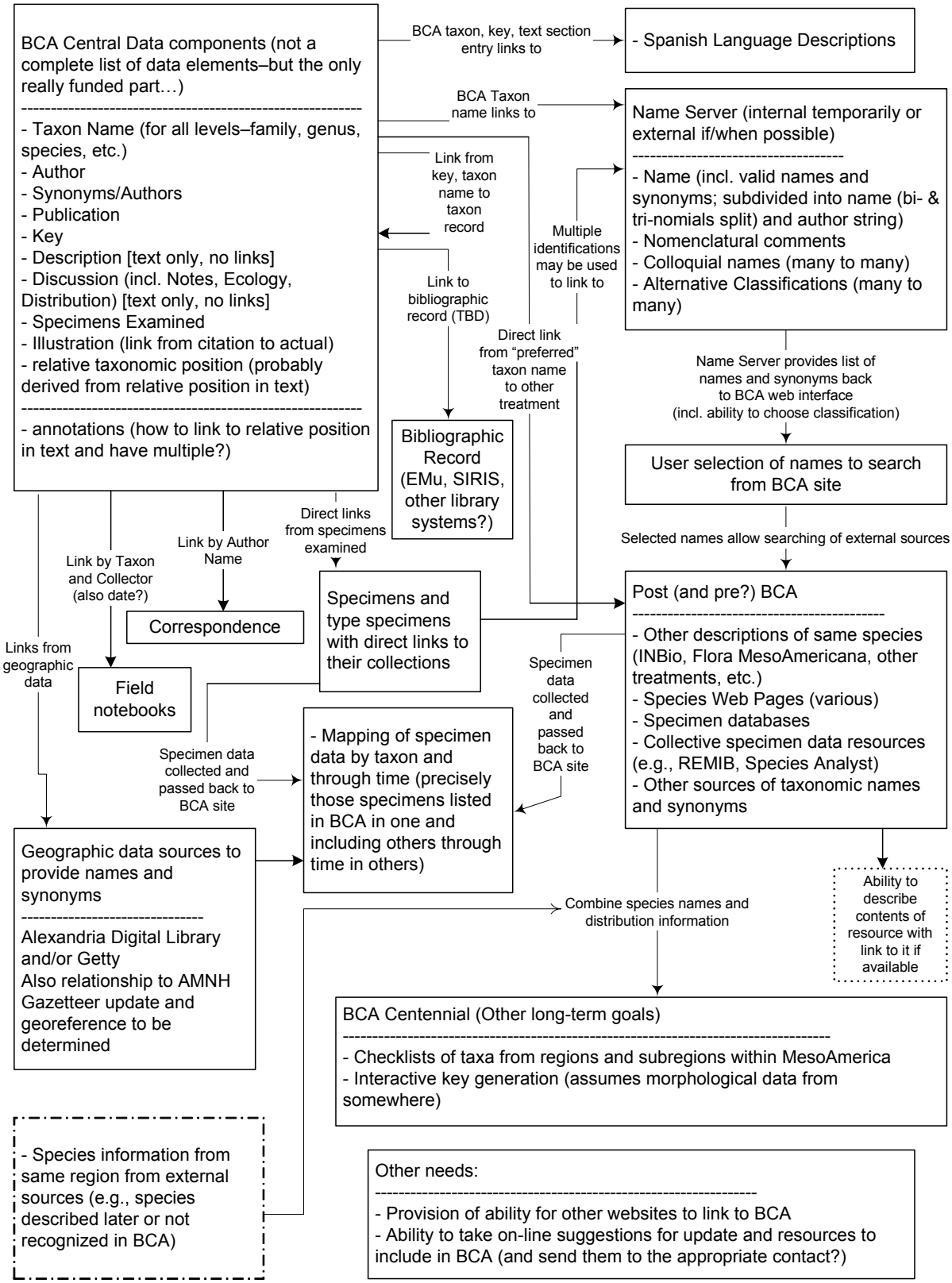
BCA Central Data components (not a complete list of data elements–but the only really funded part…)

- Taxon Name (for all levels–family, genus, species, etc.)
- Author
- Synonyms/Authors
- Publication
- Key
- Description [text only, no links]
- Discussion (incl. Notes, Ecology, Distribution) [text only, no links]
- Specimens Examined
- Illustration (link from citation to actual)
- relative taxonomic position (probably derived from relative position in text)

- annotations (how to link to relative position in text and have multiple?)
BCA taxon, key, text section entry links to
- Spanish Language Descriptions
BCA Taxon name links to
Name Server (internal temporarily or external if/when possible)

- Name (incl. valid names and synonyms; subdivided into name (bi- & tri-nomials split) and author string)
- Nomenclatural comments
- Colloquial names (many to many)
- Alternative Classifications (many to many)
Link from key, taxon name to taxon record
Multiple identifications may be used to link to
Link to bibliographic record (TBD)
Direct link from "preferred" taxon name to other treatment
Bibliographic Record (EMu, SIRIS, other library systems?)
Name Server provides list of names and synonyms back to BCA web interface (incl. ability to choose classification)
User selection of names to search from BCA site
Selected names allow searching of external sources
Direct links from specimens examined
Link by Author Name
Link by Taxon and Collector (also date?)
Correspondence
Specimens and type specimens with direct links to their collections
Post (and pre?) BCA

- Other descriptions of same species (INBio, Flora MesoAmericana, other treatments, etc.)
- Species Web Pages (various)
- Specimen databases
- Collective specimen data resources (e.g., REMIB, Species Analyst)
- Other sources of taxonomic names and synonyms
Links from geographic data
Field notebooks
Specimen data collected and passed back to BCA site
Specimen data collected and passed back to BCA site
- Mapping of specimen data by taxon and through time (precisely those specimens listed in BCA in one and including others through time in others)
Geographic data sources to provide names and synonyms

Alexandria Digital Library and/or Getty
Also relationship to AMNH Gazetteer update and georeference to be determined
Combine species names and distribution information
Ability to describe contents of resource with link to it if available
BCA Centennial (Other long-term goals)

- Checklists of taxa from regions and subregions within MesoAmerica
- Interactive key generation (assumes morphological data from somewhere)
- Species information from same region from external sources (e.g., species described later or not recognized in BCA)
Other needs:

- Provision of ability for other websites to link to BCA
- Ability to take on-line suggestions for update and resources to include in BCA (and send them to the appropriate contact?)