

<b>Software Categories</b>	<b>Main Activities in revisionary process</b>
1 - Bibliographic 2 - Geographical 3 - Taxonomic 4 - Descriptive 5 - Communication 6 - Publication  7 - Image processing 8 - Fieldwork 9 - Phylogenetic 10 - Specimen access 11 - Nomenclature	Collecting activities Search Literature Gather existing specimens Examine specimens Prepare Paper Curation Activities

**Clear links between Software categories and Main Activities**

Collecting activities	Communication, Geographical, Fieldwork
Search Literature	Communication, (Internet search engines)
Gather existing specimens	Communication, Specimen access, (Internet search engines)
Examine specimens	Descriptive, Communication, Publication, Image processing, Phylogenetic, Specimen access
Prepare Paper	Bibliographic, Geographical, Publication, Image Processing, Specimen access
Curation Activities	Specimen access, Nomenclature

**List of all tools used :**

<b>Software</b>	<b>Use</b>	<b>Main Software category</b>	<b>Main Activities</b>
Adobe Illustrator	Assembling plates	6, 7	Prepare paper
Adobe Photoshop	Preparing illustrations and photographs	6, 7	Prepare paper, Curation activities (for online db)
Arc Explorer	Distribution maps	2, 6	Prepare paper
Arc View	Distribution maps	2, 6	Prepare paper
BG-BASE	Database	10	
BIOTA	SQL database used to store images and data. Links images to species, specimen, collection etc. Allows collaborative work over the internet. Can function as a specimen management tool.	10, 5	Examination and analysis
CANOCO	Statistical analysis	7	Examination and analysis
Coral Draw	Preparing illustrations and photographs	6, 7	Prepare paper
DELTA	Descriptive Language for Taxonomy. Produces computer generated descriptions and keys.	4	Examination and analysis
DIVA	Distribution maps	2, 6	Prepare paper
EndNote	Bibliographies and references	1	Prepare paper
ESRI ArcView GIS 3.2	Maps	2, 6	Prepare paper
Excel	Storing various data	6, 10	Examination and analysis Curation activities
FileMaker DB	Label Printing	11	Curation activities
Filemaker Pro	Maps	2, 6	Prepare paper
Google earth	Distribution maps	2, 6	Prepare paper
Henning86	Phylogenetic analysis	9	Examination and analysis

Illustrator	Mounting plates; Making line illustrations	2, 6	Prepare paper
Image Database	Storing images	2, 6	
Image Pro Plus		2, 6	
IMATCH	Image management tool. Stores digital images with metadata, allows searching on keyword. Provides basic image manipulation such as contrast adjustment.	7	Prepare paper
intkey	Reading interactive keys	9	Examination and analysis
LUCID	Compiles interactive keys	9	Examination and analysis
Maclade	Stores character measurements and produces nexus file of data	9	Examination and analysis
MESQUITE	Stores character feature in a data matrix. Provides phylogenetic and multivariate analysis. Uses a range of methods such as parsimony, maximum likelihood etc	9	Examination and analysis
MS Access	Collection and specimen management, label printing	10	Prepare paper, Curation activities
MS Excel	Comparison tables, graphs, personal database	Used in most activities	Used in most activities
MS Word	Preparing and compiling the final paper and other word processing	Used in most activities	Used in most activities
PADME	In house collection database (MS Access)	10	Curation activities
Paint Shop Pro	Preparation and manipulation of images	7	Examination and analysis
Paradox DB	Database for storing information on species, specimens, locations and literature.	10	Curation activities
PAST	Statistical analysis	9	Examination and analysis
Paup	Performs the actual PG analysis	9	Examination and analysis
PAUP	Phylogenetic analysis	9	Examination and analysis
Powerpoint	Presentations	5	

SPOT	Preparation and manipulation of images	7	Prepare paper
SPSS	Statistical analysis application	9	Examination and analysis
Syntax 2000	Statistical analysis	9	Examination and analysis
WinClada	Setting up cladogram	9	Examination and analysis

**Some commonly used Websites:**

<a href="#">Google</a>	Search Literature, and general background information
<a href="#">GEO-REF</a>	Search Literature
<a href="#">The Zoological Record</a>	Search Literature
<a href="#">Google Scholar</a>	Search Literature
<a href="#">ISI Web of Knowledge</a>	Search Literature, and general background information
<a href="#">Index Herbarium</a>	Search Literature, Gather Specimens, general background
<a href="#">Index to Organism Names (ION)</a>	Search Literature, Gather Specimens
<a href="#">ZooTaxa</a>	Search Literature, general background

**Some specialist websites :**

<a href="#">Fishbase</a>	Search Literature, Gather Specimens
<a href="#">World Wide Catalogue of Spiders</a>	Search Literature, Gather Specimens
<a href="#">BioSystematik Database of World Diptera</a>	Search Literature, Gather Specimens
<a href="#">Index Fungorum</a>	Search Literature, Gather Specimens
<a href="#">Sylloge Fungarum</a>	Search Literature, Gather Specimens
<a href="#">IPNI</a>	Search Literature, Gather Specimens