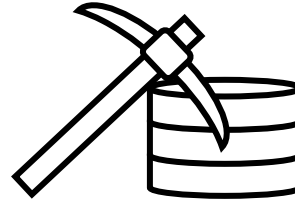


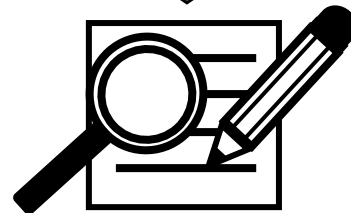
**USER LIBRARY SELECTION**  
Introduction of taxonomic groups  
or user-provided species list



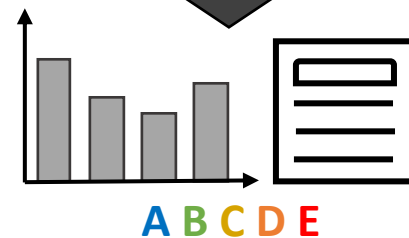
**MARINE TAXA FILTER**  
Optional filtering of marine or  
non-marine taxa on WorMS



**DATA MINING AND LIBRARY COMPILATION**  
Download COI-5P sequences and metadata  
from BOLD, application of filters for minimum  
size, quality features and ambiguous characters



**AUDITING AND ANNOTATION**  
BIN / species name congruence  
check and grade annotation



**ORGANIZED OUTPUT**  
Graphical auditing output and  
grade-based data sorting