

Morphbank: An Avenue to Document and Disseminate Anatomical Data. II: Histology Test Case

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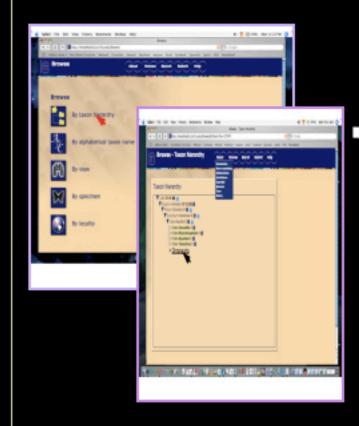
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WHAT IS MORPHBANK?

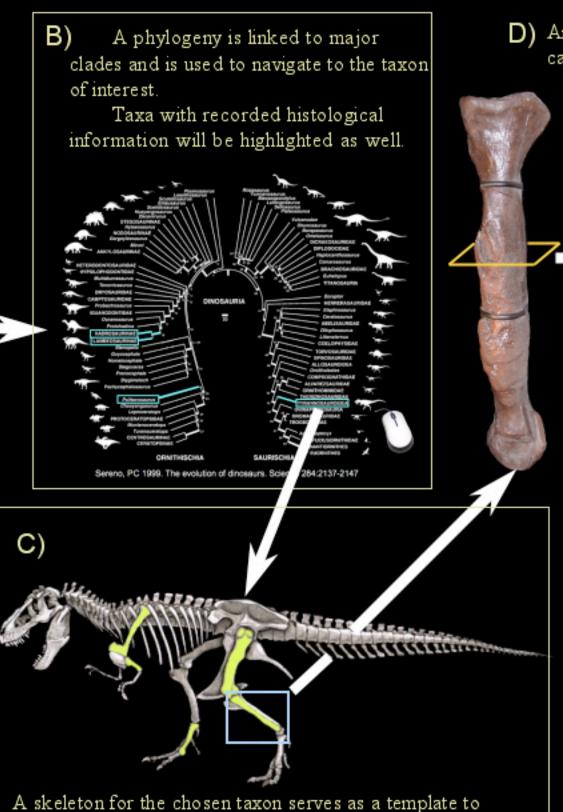
Morphbank (http://www.morphbank.net) is an open web repository for digital images utilized in specimen-based biological research. Established in 1998 by a consortium of systematic entomologists, Morphbank serves as a permanent archive to store and distribute images from any of the anatomical sciences. Here, we show its application to histological studies.

A) Images of specimens, such as whole skeletons, elements, and thinsections, can be stored in Morphbank

The data can be searched by specimen, image, view, etc...

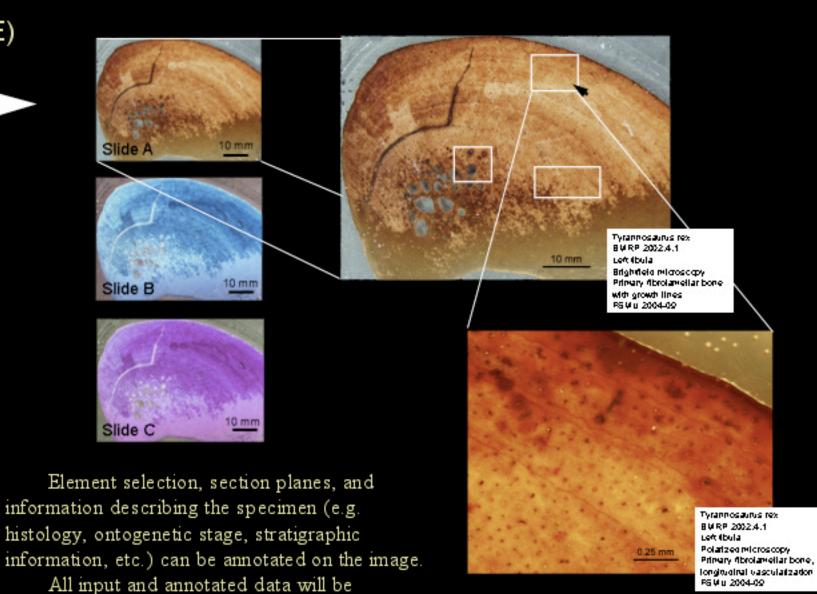


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show the bones for which histological information exists.

D) An image of the selected bone displays annotations indicating where sections were made. This image can be from the actual bone or, in its absence, a generic element belonging to the taxon of interest.



searchable with a Google-like search (i.e., in a keyword text field, with results ranked by how similar they are to objects in the database).

An ancillary goal of this project is to establish a user friendly, standardized template to help histological researchers document and disseminate their work.