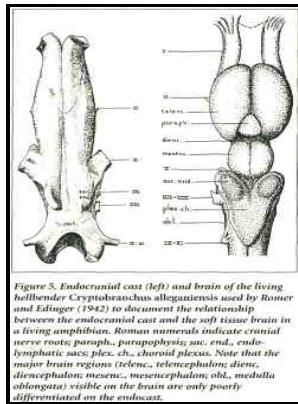


Paleoneurology 1804-1966 - an annotated bibliography

Springer-Verlag - Remembering Tilly Edinger, the pioneering 'brainy' woman who fled Nazi Germany and founded palaeoneurology



Description: -

- Paleontology -- Bibliography.
- Evolution -- Bibliography.
- Brain -- Bibliography.
- Brain -- Evolution -- Bibliography.
- Vertebrates, Fossil -- Bibliography.

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Advances in anatomy, embryology, and cell biology ; Paleoneurology 1804-1966 - an annotated bibliography

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Remembering Tilly Edinger, the pioneering 'brainy' woman who fled Nazi Germany and founded palaeoneurology

While doing so, she noticed the specimen had preserved a natural endocast, as sediment had filled the skull. . These days, palaeoneurologists routinely use to create digital endocasts without damaging specimens.

Remembering Tilly Edinger, the pioneering 'brainy' woman who fled Nazi Germany and founded palaeoneurology

Author provided By studying the endocasts of extinct animals, we can identify when major evolutionary innovations likely occurred.

Remembering Tilly Edinger, the pioneering 'brainy' woman who fled Nazi Germany and founded palaeoneurology

Indeed, before she fled she seemingly acknowledged that her research contributions and standing in the scientific community would ultimately play a role in her survival. However, during her time working at the Senckenberg Museum of Natural History in the 1930s, the rise and influence of the gradually restricted her freedoms and eventually forced her to flee.

Remembering Tilly Edinger, the pioneering 'brainy' woman who fled Nazi Germany and founded palaeoneurology

Notably, it serves as an important reminder of the late Tilly Edinger, without whom the field could not have evolved as it has. And this helps us pinpoint the origins of certain behaviours, such as flight, or the transition to land.

Remembering Tilly Edinger, the pioneering 'brainy' woman who fled Nazi Germany and founded palaeoneurology

Advances in imaging technology has transformed this field in its most recent revival. But from time to time, entirely new branches of enquiry are developed.

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When animals die, their soft parts — including the brain — decay quickly, leaving only the hard parts of the skeleton to potentially become fossilised. Understandably, this makes the study of these soft parts difficult for palaeontologists.

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