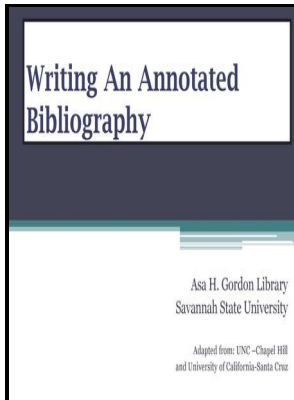


Paleoneurology 1804-1966 - an annotated bibliography

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. Paleoneurology 1804-1966 - an annotated bibliography

-

v. 49

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

Notes: Includes index.

This edition was published in 1975



Filesize: 64.19 MB

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

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

Her magnum opus — an titled Paleoneurology 1804-1966 — remains a prominent resource for scientists working in palaeoneurology today. While doing so, she noticed the specimen had preserved a natural endocast, as sediment had filled the skull.

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

But perhaps what is particularly remarkable is that Edinger pioneered this whole new field of research while living under an increasingly restrictive Nazi Germany, from where she was eventually forced into exile. .

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

Edinger compared this with an endocast of the living alligator for her.

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.

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

During her dissertation studies at Frankfurt University, her supervisor Professor Fritz Drevermann suggested she study the palate roof bones of the mouth of an extinct marine reptile called Nothosaurus. 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

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

first person to apply a deep time perspective to brain evolution, and consider endocasts from throughout the geological record as more than mere curiosities. When animals die, their soft parts — including the brain — decay quickly, leaving only the hard parts of the skeleton to potentially become fossilised.

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

Wiki As the name suggests, palaeoneurology combines the study of fossils with neural evolution. These days, palaeoneurologists routinely use to create digital endocasts without damaging specimens.

Related Books

- [Vague du Cinema Novo en France - fut-elle une invention de la critique?](#)
- [Technical report writing.](#)
- [One show - advertisings best print, radio, TV.](#)
- [Hölderlin und Holzapfel und das Problem der religiösen Erneuerung](#)
- [Literatura en la colonia - de Rodríguez Freile a Francisco José de Caldas](#)