

NEWS

Online access to the PALYNODATA database*Eugeny Karasev & Natalia Zavialova**(Paleontological Institute, Moscow, Russia)*

One of the classic 20th century palynological databases, PALYNODATA, is available for free download from the Geological Survey of Canada as Open File 5793 at dx.doi.org/10.4095/225704. Recently, an online access to the database has been arranged at the web-site of Laboratory of Paleobotany of A.A.Borissiak Paleontological Institute, Moscow (<http://paleobotany.ru/index.php?id=25>). Originally, this database uses a DBMS Microsoft Access, that currently leads to several disadvantages. Thus, the access to PALYNODATA in its present form cannot be accomplished on the UNIX system; installation of the program under Windows 8 and 8.1 takes place with errors; some forms of the query results do not allow the user to copy data. We converted the database tables to the MySQL database format and arranged an open access on the web-site of our laboratory. To create the user interface, we used scripts downloaded from jQWidgets.com.

Additionally, we related this database and an archive of images of holotypes of some species of Paleozoic miospores. Photographs of holotypes of 382 Devonian and Carboniferous species of miospores were made (and later scanned) by Dr. Maurice Streeel and his wife. In 2013, an archive with these images was disseminated among CIMP members for a free use for scientific purposes.

Currently, one can get the following information from on-line PALYNODATA:

- A list of species for a given genus.
- A list of papers which cite a given species and the information about its geographic and stratigraphic ranges.
- A list of species, which are mentioned in a given paper.
- An access to images of holotypes from the CIMP slide collection.

We hope that the on-line version of Palynodata will be a useful tool for palynologists.

Below are several screenshots to explain how the on-line version works.

Screenshot 1 shows how to choose a table to search a given taxon or a paper.

— PALYNODATA - one of the classic 20th century palynological databases. This bibliographic database, based on Gerhard O. W. Kremp's initial research, and compiled since 1974 by Palynodata Inc., under the direction of Ken Piel, indexes 122,422 species from 22,152 documents. The last entry was made in 2006 and copyright was transferred to Canada in 2007.

Data source: ©2006, Palynodata Inc., White, J M; 10.4095/225704

Screenshot 2 shows how to search via the main search menu (arrow 1) or via filters (arrow 3). The filter menu becomes visible if to press the triangle (arrow 2).

Data source: ©2006, Palynodata Inc., White, J M; 10.4095/225704

Screenshot 3 shows a page with references of a given taxon. The first column (arrow 1) shows the status of the taxon ("x" is the first description, and "i" is a synonym). If to press the bottom "about pub", one will see a list of taxa, which were mentioned in a given paper (arrow 2).

LABORATORY OF PALEOBOTANY

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HOME / DATABASE / PALYNODATA / Taxa / Cycadopites magnus

Genus: [Cycadopites](#)Species: *Cycadopites magnus*

— Number of citations: 30

Citations:

T...	Species	Geolocation	Year	First author	PUBLICATIONS	about...	ageYoung	ageOld	I...
X	Cycadopites magnus	Argentina(San Juan)	1965	Herbst,R.	Some sporomorphs from the Triassic of Argentina.	about pub		Norian	...
	Cycadopites magnus	USSR(Evenki Nat.Okrug)	1974	Hart,G.F.	Permian palynofloras and their bearing on Continental Drift. (In: Paleogeographic Provinces and Provinciality, Charles A. Ross, editor)	about pub	Early Tatarian	Kazanian	...
	Cycadopites magnus	Australia(Quee...	1974	de Jersey,N.J.	Palynology and age of the Callide Coal Measures.	about pub		Late Triassic	...
	Cycadopites magnus	Australia(W.A...	1976	Dolby,J.H.	Triassic palynology of the Carnarvon Basin, Western Australia.	about pub		Triassic	...
	Cycadopites magnus	Argentina(La Rioja)	1972	Stipanovic,P.N.	The Triassic Basin of Ischigualastovilla Union, San Juan and La Rioja Rioja Provinces, Argentina	about pub	Early Carnian	Late Ladinian	...

Screenshot 4 shows the list of species of a given genus; the icon in the column "i" (arrow 2) means that an image of the holotype of the species is available. If to press "Go to the list of original publications for all species of this genus" (arrow 1), one can see a list of papers where the species of the genus were published for the first time.

HOME / DATABASE / PALYNODATA / Taxa / Species list of Reinschospora

Genus Reinschospora

— [Go to the list of original publications for all species of this genus](#)

Species list of Reinschospora:

I	Genus	Species	ageOld	ageYoung	T...	i...
	Reinschospora	Reinschospora punctata	Namurian	Stephanian		...
	Reinschospora	Reinschospora sp.2	Allegheny			...
	Reinschospora	Reinschospora granifer	Namurian A	Early Langsettian		...
	Reinschospora	Reinschospora	Paleozoic	Permian		...
	Reinschospora	Reinschospora jubata	Early Carboniferous	Westphalian D		...
	Reinschospora	Reinschospora sp.A	Desmoinesian			...
	Reinschospora	Reinschospora sp.3	Allegheny			...
	Reinschospora	Reinschospora bellitas	Paleozoic	Desmoinesian		...
	Reinschospora	Reinschospora cervicornuta	Visean	Westphalian D		...
	Reinschospora	Reinschospora fimbriata	Late Emsian	Westphalian D		...
	Reinschospora	Reinschospora servicornutus	Nd			...
	Reinschospora	Reinschospora kosankei	Visean	Westphalian D		...
	Reinschospora	Reinschospora sp.A Hacq.& Bars.,1957	Late Mississippian	Namurian A		...
	Reinschospora	Reinschospora gracilis	Palaeozoic	Late Carboniferous		...

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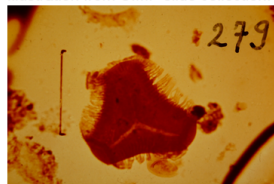
HOME / DATABASE / PALYNODATA / Citation of magnifica

Genus: [Reinschospora](#)Species: *magnifica*

Citation type:

Source:Kosanke,R.M. 1950, Pennsylvanian spores of Illinois and their use in correlation.

Illustration from CIMP slide collection:



— Photographs of holotypes of miospores were made (and later scanned) by Dr. Maurice Streeel and his wife. In 2013, an archive with these images was disseminated among CIMP members for a free use for scientific purposes.

Screenshot 5 shows a page with the image of the holotype of *Reinschospora magnifica* from CIMP slide collection.