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## Geohistoric Activities of the Geological Survey of Austria in 2013 - an Overview

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As the new web-based library catalogue of the library (<http://opac.geologie.ac.at/>) of the Geological Survey of Austria makes it possible to **access** documents, the catalogue has gained a central position. Thus many of the activities listed below are linked in some way with the catalogue.

### Geological manuscript maps of the Austro Hungarian Monarchy

Geological mapping is made to various scale, one of the most **important** was the scale 1:75,000. The first map sheets on this scale date back to the late 1860s and early 1870s. Although only a small number of these maps were printed, there exist a huge number of manuscripts ranging from Northern Bohemia to the coast of southern Dalmatia. All these manuscripts (front side as well as rear side of the maps) were scanned at a high resolution (400 dpi). The total number of more than 1.000 maps can be found in the library catalogue, and the maps can also be downloaded free of charge as PDF - documents.

For completing this project maps to the scale 1: 25.000 are also being scanned; they will be treated and thus be available in the same way as the maps on the 1:75.000 scale. It is planned that the whole project will be finished by the end of 2013.

### Dionysos STUR (1827-1893)

On October 9<sup>th</sup> & 10<sup>th</sup>, 2013, the Geological Survey of Slovakia (*Štátny geologický ústav Dionýza Štúra*) and the Austrian Geological Survey celebrate the 120<sup>th</sup> anniversary of the death of, the great geologist, Dionysos STUR. On this occasion there will be a conference in Bratislava on October 9<sup>th</sup> with presentations honouring the works of STUR, who was the third director of the *k.k. Geologische Reichsanstalt* from 1885 - 1892. On October 10<sup>th</sup>, 2013, a memorial stone - an initiative of the Geological Survey of Slovakia - will be placed at the Matzleinsdorfer Friedhof in Vienna, where STUR and his wife were buried. As their grave no longer exists, the memorial stone will be placed in another, more central, position (close to the surviving graves of Melchior NEUMAYR [1845 - 1890] and Carl DIENER [1862 - 1928]) within this cemetery. On this occasion all the scientific works of STUR, most of them published in periodicals of the *k.k. Geologische Reichsanstalt*, will be scanned and made available as PDFs for free download in the web-based catalogue of the library.

In addition to the published works of STUR all his unpublished documents, reports, field journals, etc. that are kept in the archive of the Geological Survey of Austria have been scanned in a joint undertaking by the Geological Survey of Slovakia (field journals) and the Geological Survey of Austria (all other documents).

### Eduard SUSS (1831-1914)

As on April 26<sup>th</sup> 2014 the scientific community will remember the centenary of the death of Eduard SUSS (20<sup>th</sup>. August 1831 London - 26<sup>th</sup> April 1914 Vienna, a number of activities have been planned. These activities will be undertaken jointly with the European Geosciences Union (EGU), which will have its General Assembly from April 27<sup>th</sup> to May 2<sup>nd</sup> 2014. General Assemblies of the EGU have been attended in recent years by more than 11.000 participants.

A number of activities have already begun, to commemorate one of the greatest ever earth scientists: At the Geological Survey of Austria all the scientific works of Suss were evaluated as a result of intensive studies of the relevant literature, especially periodicals. As a result the list of Suss's works is much longer, than in the preliminary edition of DIENER (1914). All his works, including all the vol-

umes of “*Antlitz der Erde*” in several languages will be scanned (with the support of Celal SENGÖR, Istanbul) and made available as PDFs for free download in the web-based catalogue of the library.

In addition to this the political activities of Suess have also been part of this intensive bibliographic research. All his personal sayings and contributions as a parliamentarian (1873 - 1897) that are already online (<http://alex.onb.ac.at/>) will be included in the web-based catalogue of the library; this is being implemented with the support of the Library of the Austrian Parliament.

Additionally the Geological Society of Austria is preparing a festival volume in the series of the “*Austrian Journal of Earth Sciences*” (AJES) with scientific contributions honouring SUESS.

At SUESS's last residence (2, Afrikanergasse 9) a memorial tablet will be affixed with the most significant facts of SUESS's life: the first professor of Geology at the University of Vienna, the “*father*” of Vienna's first water supply pipeline and - among other things - the president of the Austrian Academy of Sciences (1898-1911).

### **Franz Carl EHRLICH (1808-1886)**

Carl EHRLICH from the Francisco Carolinum Museum in Linz (Upper Austria) was one of the first field workers in the team of Wilhelm HAIDINGER, director of the *k.k. geologische Reichsanstalt* that was founded in November 1849. In the archive of the Geological Survey a hand written manuscript by EHRLICH (1850) was found, which turned out to be the basis of a work published in the “*Jahrbuch der k.k. geologischen Reichsanstalt*” (EHRLICH, 1851). This manuscript is being evaluated in the context of a scientific seminar by a group of students from the Department of History (University of Vienna) under the supervision of Marianne KLEMUN. The aim of this seminar is to enrich this manuscript with data illustrating the circumstances of early systematic fieldwork in the Alps. Finally it is planned to publish the results, has already been done with an earlier scientific seminar (HOFMANN & KLEMUN, 2012).

### **Rare Periodicals**

Some rare periodicals like the “*Oesterreichische Revue*” (1863 - 1867) and the “*Oesterreichische Wochenschrift für Wissenschaft, Kunst und öffentliches Leben*” Beilage zur k. Wiener Zeitung (1862 - 1865) were purchased for the Library. Additionally all articles with geological background were evaluated and integrated as PDF in the catalogue. Thus some rather unknown works of persons like PETERS, HAUER, STACHE, SUESS, SIMONY and others are now easily accessible.

### **Literature**

DIENER, C. (1914): Gedenkfeier für Eduard Sueß. - Mitt. Geol. Ges. Wien, **7**, 1 - 31, 1 Abb., Wien.

EHRLICH, C. (1851): Bericht über die Arbeiten der Section III. - Allgemeine Berichte über die von den einzelnen Sectionen der k. k. geologischen Reichsanstalt im Sommer 1850 unternommenen Reisen und Arbeiten (1850), Jb. k.k. geol. R.-A., **1**, 628 - 646, Wien.

HOFMANN, Th. & KLEMUN, M. (2012): Die k. k. Geologische Reichsanstalt in den ersten Jahrzehnten ihres Wirkens: Neue Zugänge und Forschungsfragen. - Ber. Geol. B.-A., **95**, 128 S., ill., Wien.

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