

IV. Geological and Mineralogical specimens transferred from REM to RGM

We investigated the mineral collection in Naturalis and found that a total of 37 mineral specimens had been transferred from the REM, where those specimens are accompanied by the characteristic registration numbers of the REM, the original small labels of the REM or the labels with "Geschenk. R. Ethnogr. Museum".

Table 3 shows the list of mineral specimens originally stored in REM and later transferred to RGM.

In the Introduction we mentioned to the storage of Siebold mineral collection as: The zoological and mineralogical collections were stored in Rijksmuseum van Natuurlijk Historie. When Rijksmuseum van Geologie en Mineralogie was established in 1878, Siebold's mineral collection might be transferred from REM to RGM.

Hermann Schlegel (1804 – 1884), the second director of RNH, was a zoologist and he prepared the list of Siebold's mineral collection (Tagai and Mikouchi, 2010a). He worked at RNH from 1825 to 1884. This fact indicates that the mineral collection was stored in RNH at that period.

The mineral specimens with registration numbers of 23066 and 23068 have the comments written by Carl (Karl) Ludwig Martin (1851 - 1942), the first director of the RGM, in the inventory of Naturalis. On the label of 23066, he wrote that "Nach mündlicher Mittheilung von Koto sind dies Steinkerne von *Vicarya callosa* Ienk. 17/II 1904 KM". (According to the oral communication of Koto, these are the steinkerns (casts) of *Vicarya callosa* Ienk, 17. Feb. 1904). And on the label of 23068 there is a writing of "nach mündlicher Mittheilung von Koto aus Tokio kommen diese Gebilde in einem Liparit von Japan vor und sind sie umgewandelte Sphaerolithe 16/II 04KM" (According to the oral communication of Koto from Tokyo, these structures come in a rhyolite from Japan and they are transformed spherulites, 16. Feb. 1904) and on the backside of the label is "Vgl. ferner : T. Wada, Beiträge zur Mineralogie von Japan, Nummer 3. December 1907, Tokyo. (Hier sind diese Gegenstände abgebildet und beschrieben)", (see also, T. Wada, Beiträge zur Mineralogie von Japan, Nummer 3. December 1907, Tokyo. Here are the pictured and described objects). "KM" should stand for Karl Martin and Koto should be Bunjiro Koto (1856 - 1935), the first Prof. of Geology in the University of Tokyo. This indicates that Koto visited RGM in 1907 (or earlier) and he should have discussion about the Siebold's mineral collection together with Martin. This fact indicates that Siebold's mineral collection was stored in RGM at that period.

Table. 3 List of mineral specimens transferred from REM to RGM

Registration No. of Naturalis	Reg. No. (Serie 1)	Reg. No. (Serrurier IV)	Name of Specimen	Locality	Description
2385	2385	IV A 110	Malachite		
3008	3008		Fibrous gypsum		
3030	3030		Smelter product of copper (nuget)		
2553	2553		Metallic copper		
109458	3012		Phonolite		
109459	3009		Mica schist		
109460	3006	IV A50 ?	Marble	Mt. Hikosan, Nagasaki Pref.	"Körnigblattriges Kalkstein W." by Bürger
328614	3010	IV A 55	Augite andesite		
328615	3193		Kaolinite		label with "Bouchiu" in Japanese
328616	3193		Kaolinite in granite	Amakusa Island, Nagasaki Pref.	"Kaolin von der Insel Amaksa in Granitfelsen" by Siebold
328618	3193		Kaolinite in granite	Amakusa Island, Nagasaki Pref.	"Kaolin Fetuntse de Chinesen in Granit Stücke bildend von der Insel Amakusa (Kiusiu)"
328619	3193		Kaolinite		
328620	3193		Kaolinite		
328621	3194		Kaolinite		"Geschlemmte Porzellanerde"
328622	3194		Kaolinite		
328623	3011	IV A 56	Trachyte		
328624	3194		Kaolinite		
2374	2374	IV A99	Smoky quartz		
2998	2998	IV A42	Quartz crystals, isolated small crystals	Aomori Pref.	"Tsukaruishi"
2999	2999	IV ?	Pebbles of agate		
3001	3001	IV A45	Kaolinite		
3002	3002		Kaolinite		
3015	3015	IV A59	Hematite		
3017	3017	IV A60	Magnetite		
3018	3018	IV A 61	Iron oxide rock		
3020	3020	IV A63	Chalcopyrite		
3021	3021	IV A63A	Pyrite		
3022	3022	IV A63B	Pyrite		
3024	3024	IV A65	Chalcopyrite		
3025	3025		Marachite and chalcopyrite		
3026	3026	IV A67	Massive copper ore		
3028	3028	IV A69	Galena and chalcopyrite		
26372	3007	IV A51	Calcite		
106507		IV A106	Amethyst		
411045	3062	IV A 52	Saponite		
328612			Silicified Wood		
328613			Agate		