

Recommendation of the First Geology -Dissemination of earth science of Fukada Geological Institute-

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1. What is the First Geology?

When you imagine your acquaintances, everyone is not necessarily being interested in geology. For such persons indifferent up to now, the occurrence becomes chance to touch geology in our life or becomes a chance being interesting. That is First Geology. The ideas of First Geology come out, for examples, Amusement park-Geology, Golf-Geology, Sightseeing-Geology, Garden-Geology and so on, are good to unite geology with our familiar thing. Though the First Geology is nothing but a start, it is wonderful to be able to tell the attraction of geology to many people. We introduce our approaches invitation to First Geology.

2. Let us make and enjoy Ammonite accessories

Fukada Geological Institute has been holding an open house event every October. This event aims at the strengthening the relation with community. We try to promote people's concern with the world of geology. Model-making of fossils by themselves is, among others, highly appreciated as is known by the name of ammonite accessory making. This makes the people, from children to elderlies, popular with the replica making.

The replica-making to be presented now has several advantages in comparison to the conventional ways of using plasters. It uses a new resin Jiyujushi (Free resin) and successfully reduce the time of hardening. Jiyujushi has a variety of colors. Before hardened, the replica can be transformed to a pendant or stationery, by placing pins and clips or other materials. It can be used as a strap.

Up to now, we demonstrated replica-making of ammonites in various times and places, like in exhibit booths or poster sessions of academic meetings. This is one of the powerful tools of dissemination of earth sciences. Self-making the replica is as follows (Fujita and Kawamura, 2007; download site of FGI URL:http://www.fgi.or.jp/FGIhomepage/Our_study). Everybody who are interested in this practice, please try it in any occasion and in any place.

3. Application to ornamental stones in the Daimyo (Japanese feudal lord) gardens

There are many ornament stones in the Daimyo gardens used as an excursion of every the season and a stroll road of daily life. However, we have usually little chance to see detailed information on the ornament stones themselves. Then, we try to explain the ornament stones of the Daimyo garden, as the first geology from a geological aspect. The stones of Rikugi-en and Kikyosumi Teien are described in detail in Kawamura and Sato (2008) and Kawamura (2008). Such Daimyo gardens are Stone Museum that unite with the history and literature, and that is the best for the First Geology. Why don't you use the stones of the Daimyo garden as a material of the geology entrance in the place where our hand reaches?

References:

1) Fujita Masayo and Kawamura Kiichiro, 2007. Let us make and enjoy Ammonite accessories: Dissemination of earth science through self-learning practice of replica-making of fossils, offered at the occasion of Open-House of Fukada Geological Institute, Annual Report of Fukada Geological Institute. 8.81-88.

2) Kawamura Kiichiro and Sato Tadashi, 2008. First Geology: Invitation to GEOLOGY by Ornamental Stones in the Rikugi-en Garden, Annual Report of Fukada Geological Institute. 9.1-9.

3) Kawamura Kiichiro, 2008. Another stone museum in Tokyo: to think about the geoscience from the ornament stones of Kiyosumi Teien and Rikugi-en. The Geological Society of Japan news. May, Topic, 11.