

Locality exploration of archaeological relics and a theme of geopark - an example of the Yakumo geopark plan

OYA, Shigeyuki^{1*}; KATO, Takayuki²; THE ASSOCIATION OF GEOPARK PLAN, In yakumo³

¹Yakumo education committee, ²Earth Science Co.Ltd, ³Yakumo town

Yakumo-cho is a town that has the chief industries of the dairy farming and the fishery which owns the two seas of the Pacific Ocean and Sea of Japan, being in the narrowest part in Oshima Peninsula.

Since 2012, it is doing an activity while the geopark conception preparatory meeting of the private base gets the support from Yakumo town, too.

Oshima Peninsula is the peculiar place which was the corridor connect with Honshu, like a geological feature like landform and also for the people to come and go since the Old Stone Age.

Therefore, the one of archaeological relic which was carried from Honshu in the converse to the one from the inland in Hokkaido is jumbled up around Yakumo town. These relics are also beautiful for modern human beings.

Accordingly, the tour by which an use and an origin are explained about the stone and it observes relics and observes the geological feature of the source of supply and the candidate site can be organized. It thinks of that the case cooperates with some geoparks in each place, too.

The examples are as follows {The archaeology relic (the stone quality)-Locality-The way of visiting}.

1. Jadeite→Itoigawa City→ Visit to the Itoigawa geopark
2. Obsidian→Akaigawa village and Shirataki area of Engaru town→Visit to the Shirataki geopark
3. Blue schist→Kamuikotan belt→Visit to the Asahikawa geopark (plan)
4. So-called "Aotora" (Greenschist to blueschist facies metamorphosed banded pyroclastic rock brocks in a serpentinite mass) →Nukabira serpentinite mass, Kamuikotan belt→Visit to the Hidaka mountains museum (Hidaka town)
5. Rodingite metazomatized from serpentinite itself with Cr-spinel→Nukabira serpentinite mass, Kamuikotan belt→Visit to the Hidaka mountains museum (Hidaka town)
6. Welded tuff bearing hornblend (house-formed production) →Nigorikawa pyroclastic flow→Visit to around the Nigorikawa caldera
7. Silicified shale→The Yakumo formation with the contact zone of intrusive rocks→Visit to several localities around Yamumo town
8. Marlite→The nodule in Yakumo formation→Visit to Kami-Yakumo area, Yakumo town
9. Agate→The area of volcanic rocks of submarine such as Kunnui-, Yakumo-, Kuromatunai- formations→The Kuroiwa in Yakumo town, R. Kunnui-gawa in Oshamanbe town, and R. Shiribeshi-toshibetu-gawa in Imakane town
10. Talc→Era area in Matsumae town→Visit to Matsumae town
11. Asphalt→Yamakoshi area in Yakumo town, Kuji city in Iwate prefecture→Visit to the oil showing of Yamakoshi, and the Sannriku geopark

Keywords: Yakumo geopark plan, archaeological relics