Historical Tour through Tomari

1 Walk Along the Rias Coastline of Tomari like Sugae Masumi

A famous traveller from the Edo period (1600~1868), SUGAE Masumi (1754~1829) came to visit Rokkasho in the winter of 1793. The reason for this visit was the poem *Obuchi no Maki* out of the famous Gosenwakashu from the late Heian period. He stayed for two weeks from November 30th. It is documented in "Sugae Masumi Yuranki" (Sugae Masumis Sightseeing Diary).

Collection of Akita Prefectural Museum

From 「*Kitaokudochuzu*：Guide Book from the Edo Period」

（1）**Totoro Cave**

（2）**Taki no Shiri**
  Waterfall

（3）**Tatami Rocks**

（4）**Marine Caves**

（5）**Great Cave**

Archaeological site with bats

2　Geosite Tomari Coastline

～Aiming to become "Rokkasho Mura Geopark"～

About 23 million to 5 million years ago, Japan was separated from the Eurasian continent and the Japanese Sea was formed. Sub-marine volcanic activity has led to green tuff all over Japan. Undersea volcanic ejecta can be found all around the rocky coast and cliffs of Tomari. Tuff-breccia and pillow lava can also be found around the area.

Neocene/Pliocene Paleogeography 6.000.000~3.000.000 years ago

from: AYANO（1975）:"Sea of Japan and Yamatotai"

(1)　Sub-marine Volcanic Rocks at Tomari Coast（*Tuff-breccia*)

Sedimentation of volcanic rocks and pyroclastic rocks formed by the eruption of magma in the water. Local as well as deposited rocks can be found.

(2)　Pillow Lava(Cooling Joint)・Rope Lava

Pillow lava is tube shaped, basaltic lava.

① 　Some tubes are hollow inside. The outside cools and hardens and the inside flows out.

② 　Radial cracks and cooling joints formed by sudden cooling　can　also be seen.

③ 　The tip of the tube is rounded.

④ 　It has fallen apart and is contained in tuff breccia.

⑤ 　Rope-shaped lava, that shows the lava flow, can also be found.

⑥ 　Broken pillow lava can also be found.

The beautiful Rias coastline of Tomari shows the impressive results of powerful sub-marine volcanic activity!