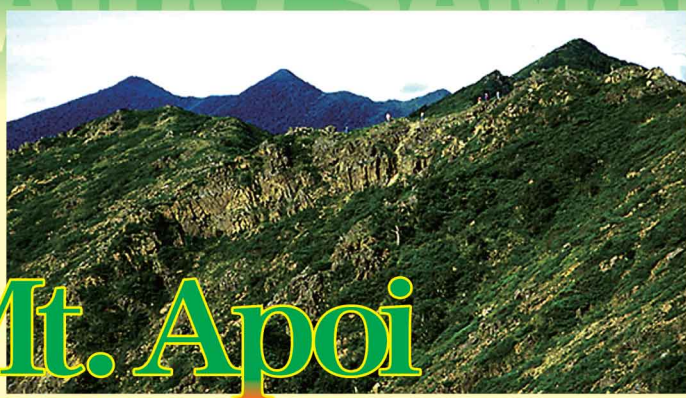
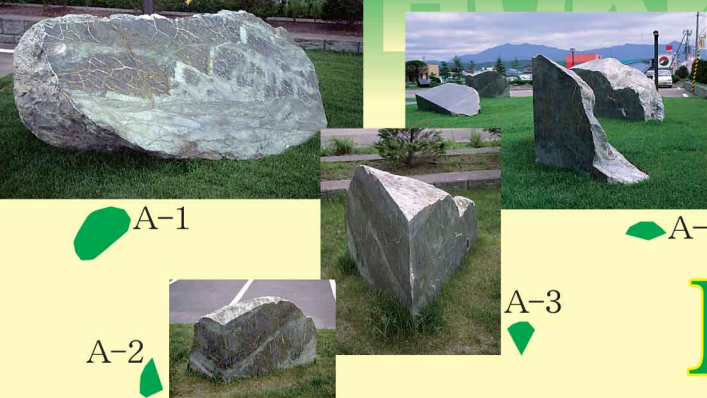




Mt. Apo PERIDOTITE PLAZA

~ seeing, touching, and feeling ~

Here we feel the blessings and throbbings of the earth
Several ten kilometers deep, the earth's mantle gave birth
To a peridotite mountain by the name of Mt. Apo

There, the peridotite acts as a basaltic Magma Source
Thrust up into the crust with a dynamic movement
Exposed on the earth's surface
When the Hidaka mountain range was formed

Here lie the peridotites, filled with olive-green minerals
Pyroxenes and spinels
Retaining their original textures and compositions
Geologically significant, showing the origin of the earth

Emerged from the earth's hot interior
Nurturing a variety of Alpine flowers
Mt. Apo is a beautiful mountain
Here we live forever

Commemoration of Eiichi Sugimoto's ambition
(July, 1999)

Presented by Mrs Haruko Sugimoto and Mr Sadashi Sugimoto
Planned and made by Minami-gumi Co., Ltd.
Supervised by Dr Kiyoaki Niida of Hokkaido University

Let's experience peridotite.

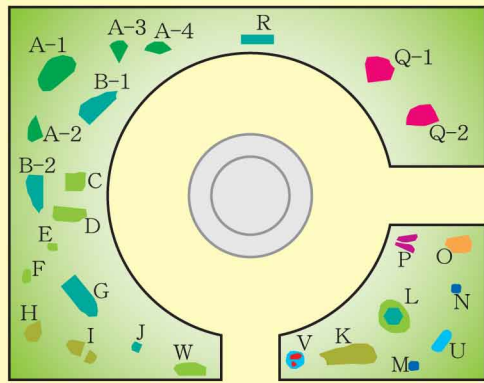
We are living on peridotite.

Looking inside peridotites as peeping
inside the earth, we can see various views
of the inside of the earth.

Please touch these big specimens
and sit on them.
We can well understand the temperature
and the hardness of the stones.

The stones send us various messages.
See..... little by little can't you hear the
beating of Mt. Apo?

- A-1-4 : dunite cumulates with harzburgite
- B-1-2, G, J, L, R : dunite dykes in harzburgite
- C, D, E, F, W : harzburgite
- H, I, K : lherzolite with pyroxene spinel symplectites
- P, S : gabbroic layers (Type GB I) in plagioclase lherzolite
- Q-1-2 : plagioclase lherzolite
- M, N : tonalite (migmatite)
- O, T : olivine gabbro
- U : hypsthene gneiss
- V : granulite



Rock specimens arrangement chart



Panorama view of Mt. Apo Peridotite Plaza



Mt. Apo is a worldwide science specimen

Mt. Apo is a worldwide science specimen
A number of researchers, scientists and students, visit Mt. Apo
not only from Japan but also from foreign countries every year.
The peridotite of Apo is very fresh. The minerals in the
peridotites are olivines, pyroxenes, and spinels, and can be
observed in the same state as they were in the high temperature
and high pressure upper mantle. Academically they are extremely
valuable rock materials to research the formation and the rising
movement of the magma.

