Origins of the Sand Dunes

1. The rocks on Chugoku Mountains have been weathered and become sands. Then, the sands are carried into the river by heavy rains.
2. A large amount of sands are transported to the Sea of Japan by Sendai River.
3. Once sands which were swept to offshore are deposited on the seashore shallow approach to land by the flow of the sea.
4. Sands by the waves will be launched to the coast.
5. Carried to the land being blown by

Geology of the Sand Dunes

In Tottori Sand Dunes, you will be able to observe the volcanic ash layer between the sands. The photograph is of a cross-section dune outcrop seen in the parking lot of souvenir shop "Sakuya Union" in the Tottori Sand Dunes mall. The volcanic ash layer is sandwiched between the sands can be observed. It is called the new dunes are deposited on top of the volcanic ash layer.

Weeding into Grassland at the Sand Dunes

From around 1970, it started to become a serious problem that a dune becomes grassland. For example, the alien plants that should not grow naturally in the sand dunes began to stand out. It is not easy to see the beautiful Fumon(wind ripple) and Saren(sand curtain), by the sand movement is reduced, and it detracts from the beautiful scenery of the original dune. Tottori Prefecture and the city of Tottori have continued to start full-fledged herbicidal activity from 1994. With the development of weeding, we are now regarding its original form dunes. From 2004, we began weeding by volunteer efforts to protect the dunes in cooperation with the citizen is in progress. In 2011, 5900 volunteers have participated.

Adopt Program

In order to establish the activities of the citizen level from the efforts of weeding volunteer and be continuous activities, we have been conducting introduced adopt program, that is the mechanism for certain areas. responsibility has been given like a foster parents have. At present, the following 11 organizations are participating in this program:

Insects lived at the Sand Dunes

**Chactoderma Laevescripta**
A large spider that lives in sandy beach on the Sea of Japan, and also the north of Shimane Prefecture and up.

Body length is longer than 2cm. A wolf spider family including this has a habit that a mother protects eggs and newly hatched babies.

**Dianemobius Csikii**
A beach cricket commonly found on the beach near the plant community. The color and pattern of the body makes them hide against the background.

**Glehnia Littoralis**
A pink flower similar to morning glory is in bloom from May to June approx. Large community of these bloom at once is.

**Heteropappus Arenarius**
Bloom in late April. Named from the shape of the ear. Dioecious, but, also wearing ear rarely male and female together are found.

**Hippurus johnsoni**
In around August, several small ears are gathered to the top of the stem. White silk hair is growing a lot on stems and

**Vitex Rotundifolia**
In around July, a blue-purple flower bloom. A black fruit about 5mm in diameter has a strong aroma, is used as herbal medicine, after

**Zizania Macrostachya**
Bloom from June to August approx. Stems shaped like an upright, and hard and narrow leaves open horizontally from its

Plant Growth at the Sand Dunes (Dune Vegetation)

There is a place where volcanic ash layer is exposed in the Dunes. At the good ventilation place, sand are skipped and volcanic ash layer is exposed. Into a layer of volcanic ash, we can see the pumice named as Daisen-Kurayoshi erupted from Mt.Daisen about 55,000 years ago. These stratas are a valuable asset which tells the history of the Dunes was formed.

In around July, a blue-purple flower bloom. A black fruit about 5mm in diameter has a strong aroma, is used as herbal medicine, after

Inscriptions around the Sand Dunes

Toyoaki Edano
In 1923, Takeo Arishima was visiting Tottori Sand Dunes with her husband Hiroshi (Tekkan). This was a tanka at that time. This was a tanka at that time. This was a tanka at that time.

Tanka inscription

Tanka inscription

Tanka inscription

In 1931, Togo Edano launched a tanka magazine “JYOHYAKU” that has been published today in the city of Tottori. Then, he handed this, and worked to expand the population base of tanka. This tanka is in his last tanka.