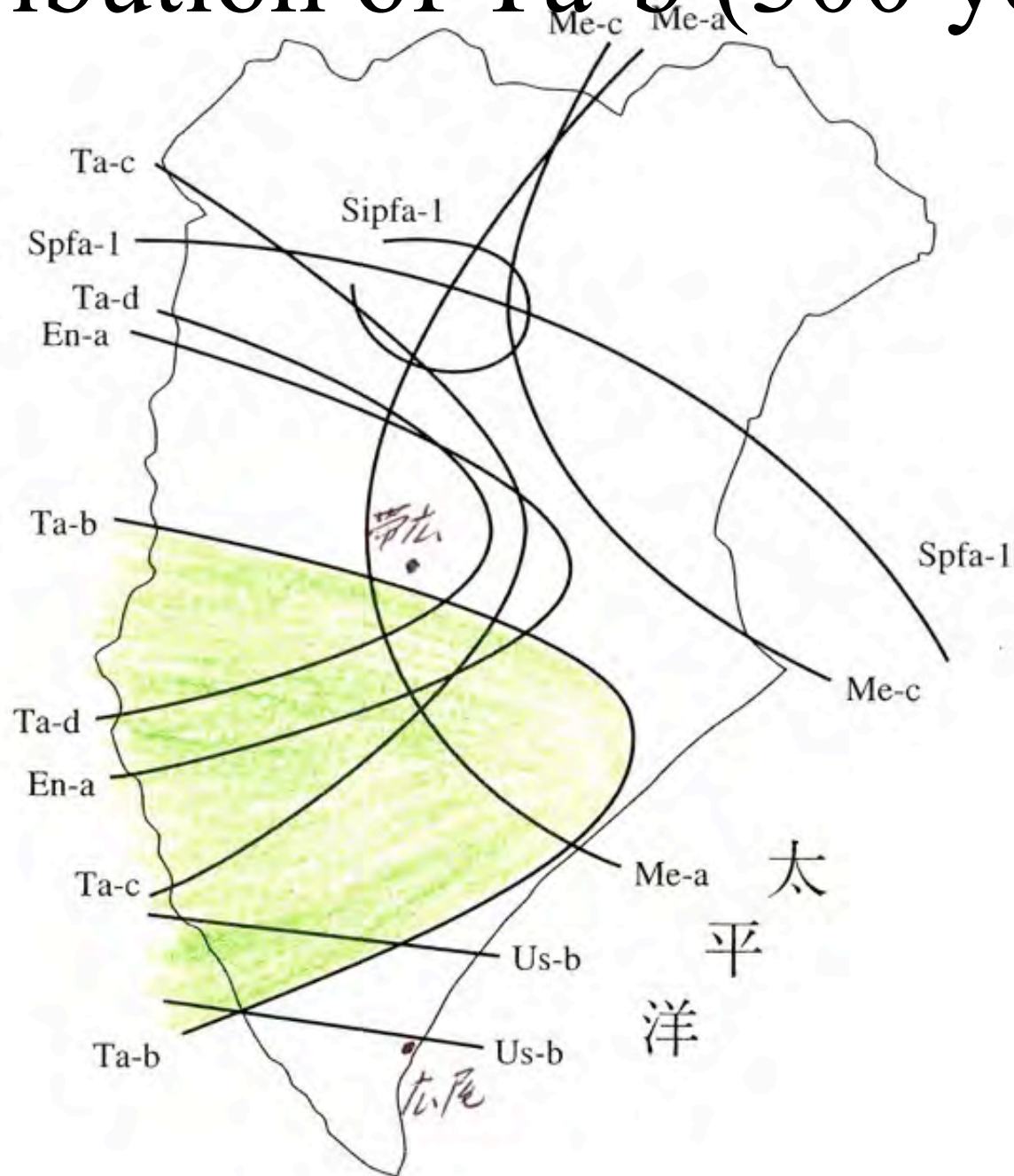


The Age when Ta-b Ash fell.

- Mt Tarumae erupted in 1667 AD.
- Establishment of Matsumae feudal domain (in 1604 by Tokugawa shogunate regime)
- Tokachi market ruled by Kakizaki family
- Background of rebellion by Shakushain Ainu people (1669)

Distribution of Ta-b (300 years ago)



Rebellion of Shakushain

Rebellion of Ainu people occurred in 1669 in Iburi area.

Several Ainu Tribes were consolidated and a regional war occurred between Japanese soldiers, managers, and Ainu people

Leader of Ainu people, “Shakushain” was killed on the occasion of peace talk negotiation.

Eruption of Mt. Tarumae in 1667 (Tarumae-b volcanic ash) might have been one of the cause.



Shakushain
Leader of AINU

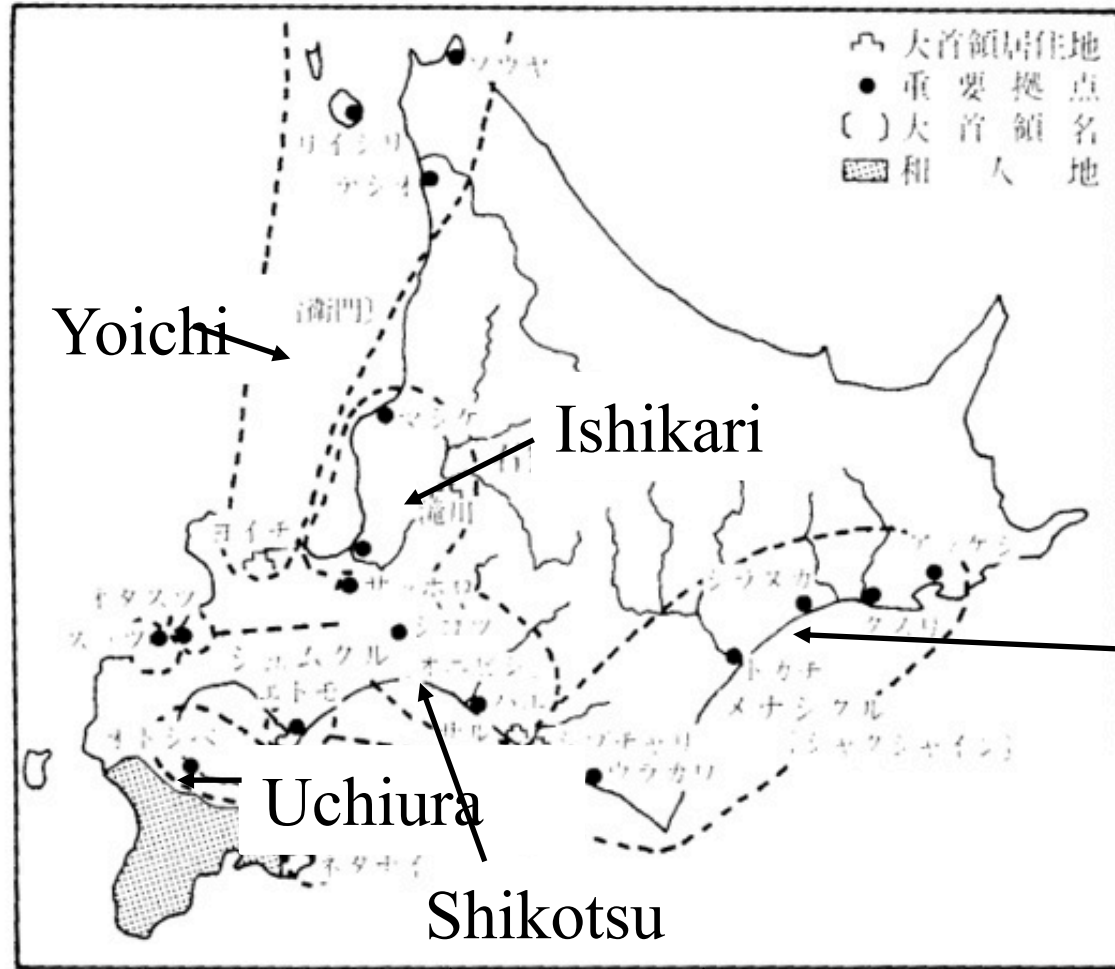
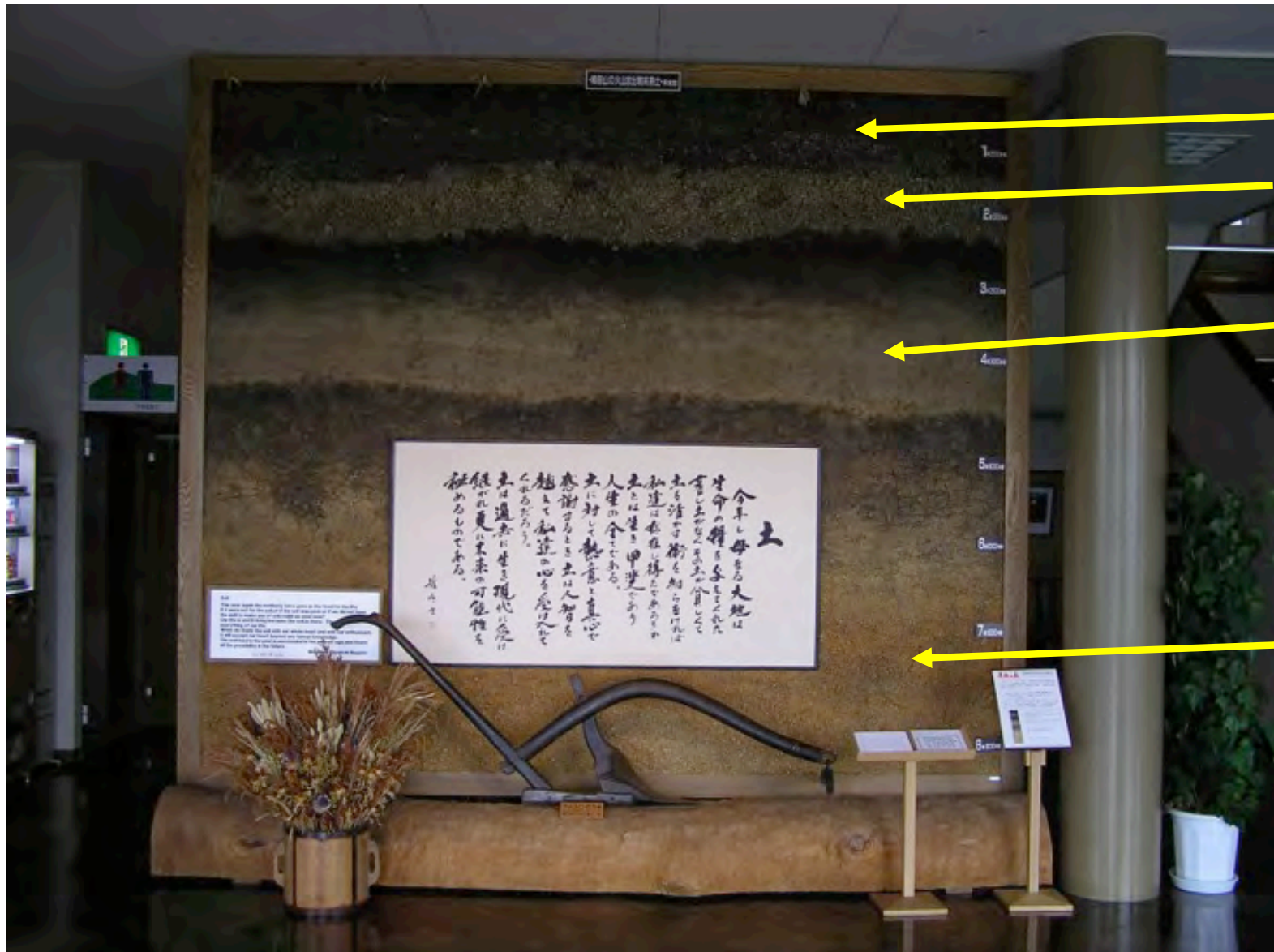


図2 大首領の勢力圏(寛文11年)

Territories of Ainu tribes



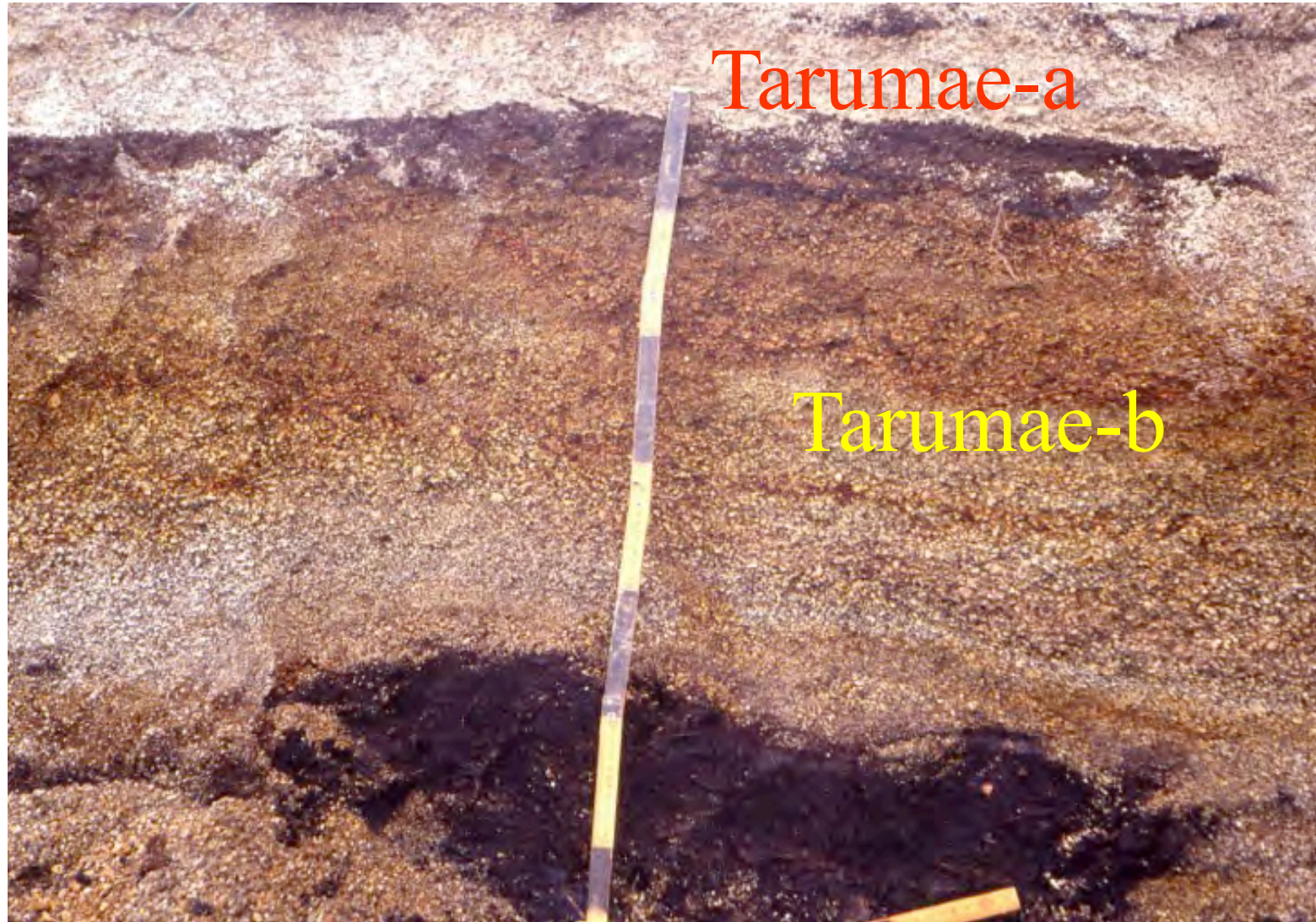
Mt Tarumae (from the train of Super Hokuto)



- a 1739
- b 1667
- c BC1000
- d BC7000

Soil profile at Hayakita

Four big eruption of Tarumae volcano



Volcanic ash covering the peatland
in Mukawa (1667 AD、1739AD)



1694 Komagatake-c2

1667 Tarumae-b

1633 Usu-b

Oikamanai peatland



Dressed soil

Mud flow in 1926

Surface soil of paddy field (1898-1926)

Black mud・Peat

Soil profile in
**Kami-Furano Soil
Museum**

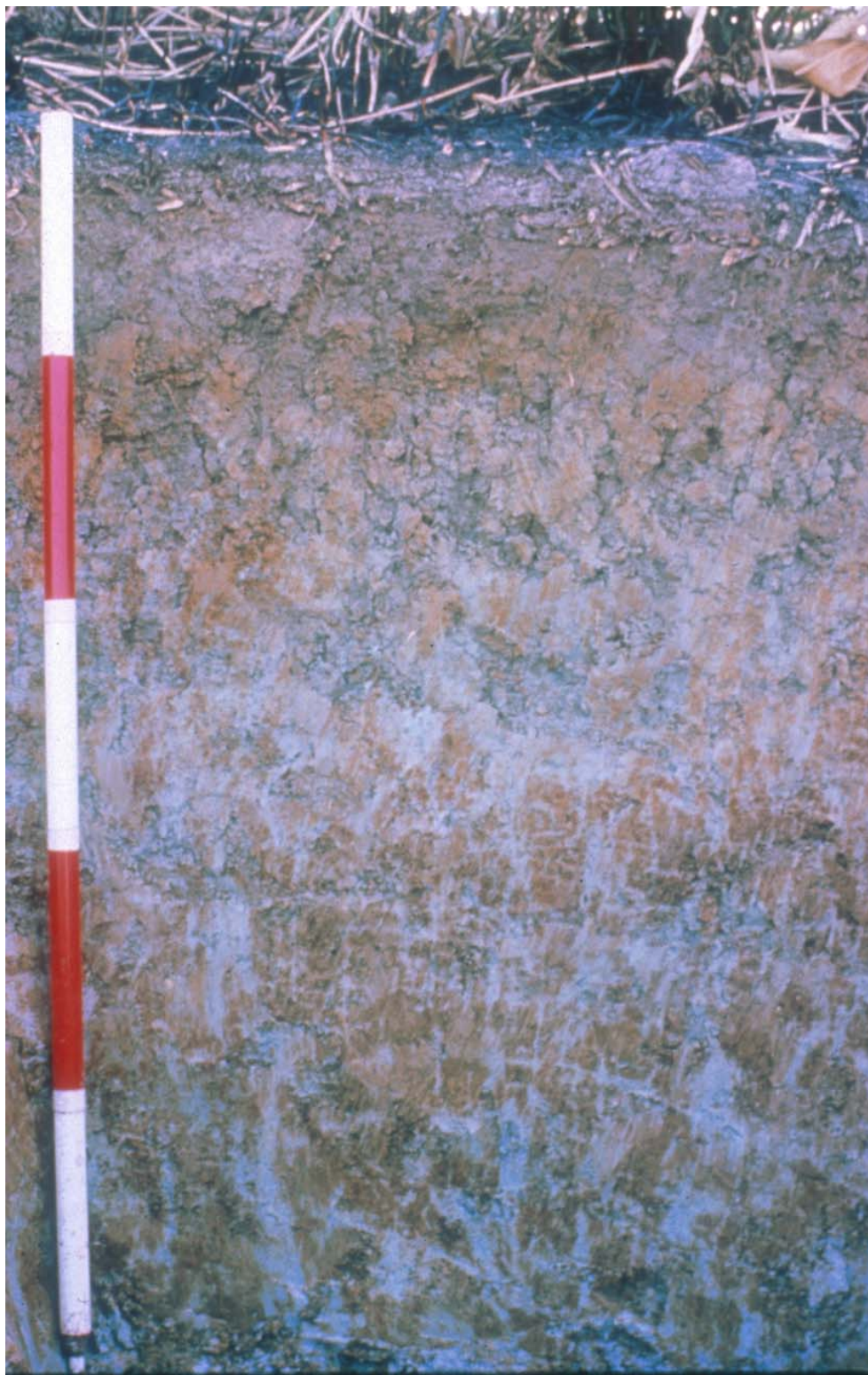
Soil in Biei Hill

(Very old pyroclastic flow deposit from Mt. Tokachi)



Soil in Biei Hill (easily eroded)





Pyroclastic flow once
sedimented below water

Clayey, very hard

Iron mottles are formed

**Gray terrace soil
(Takikawa)**

Gray terrace soil (Takikawa)



Gray terrace soil (Takikawa)



Gray terrace soil (Takikawa)

