

Part 2:

Volcanic ash (Garden soil) observation

I suppose in your country some volcanic ash layers are found!

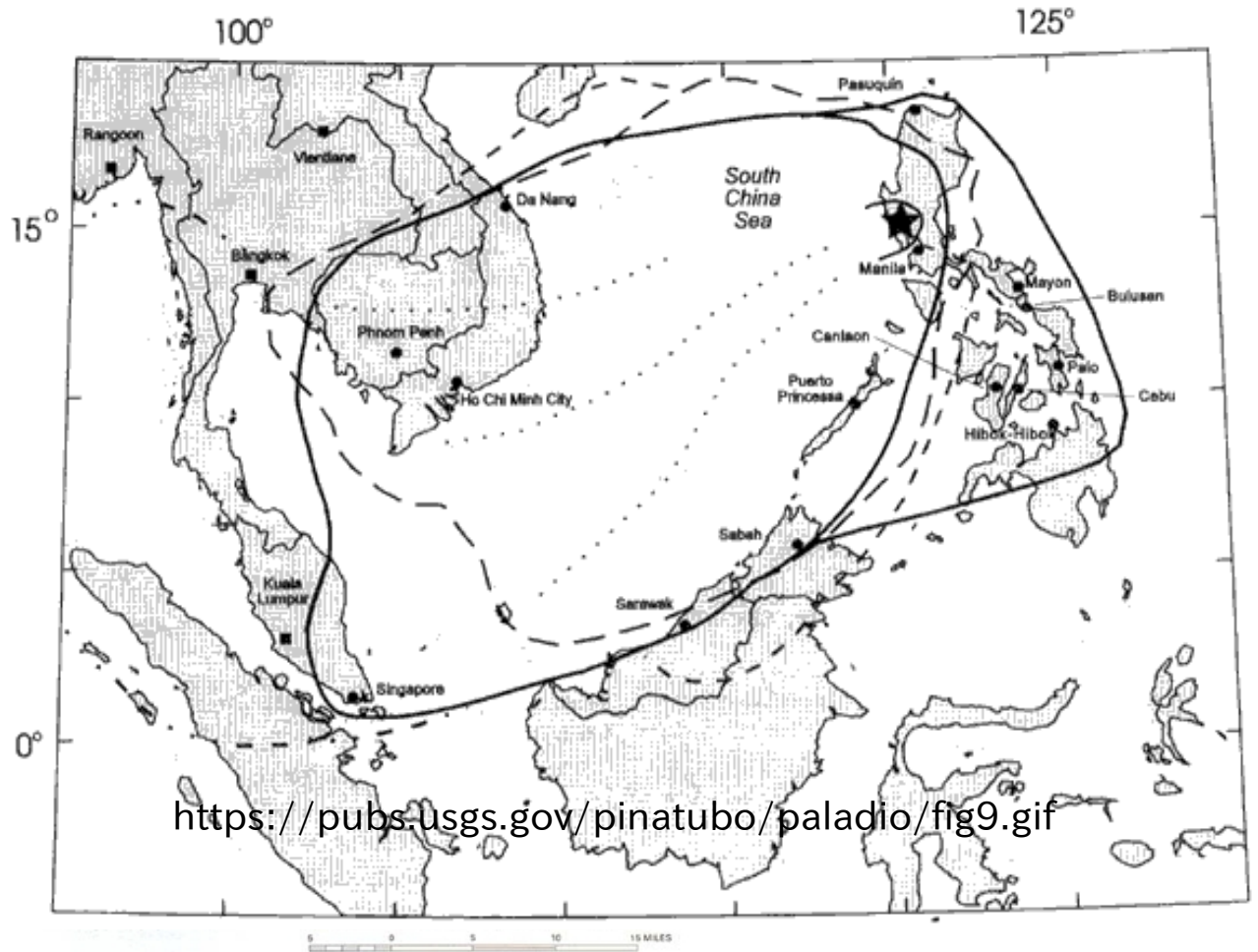


Figure 7. Distribution of tephra-fall deposits of the climatic eruption of June 15 (phase VI of Wolfe and Hoblitt, this volume), layer C, and locations of sections (triangles) sampled for grain-size and component data. KAK is location of section sketched in figure 1. Isopachs are in centimeters; sources of data as in figure 3, but open circles show total thickness of section (in centimeters), which may also include layers A and (or) B.

Volcanic ash (Garden soil) observation



Lazada ค้นหาในลาซาด้า

เก่งใน inspired | ชุดหน้าจอล oppo a74 | กาแฟสด boncafe | ยางติดบังโคลน | เคสหูaweinova 8i

หมวดหมู่ ▼ LazMall

อุปกรณ์ภายนอกและตกแต่งสวน > สนามหญ้าและสวน > ดิน, ปุ๋ย และอุปกรณ์เพาะชำ > AKADAMA ดินญี่ปุ่น อะคาตามะ ดินบอนไซ วัสดุปลูก ไรยหน้า

ดินญี่ปุ่น AKADAMA

Size 1-3mm. Size 3-6mm.

ส่งไว!
จาก กทม.

500g.
49.-

ร้านค้าแนะนำ

AKADAMA ดินญี่ปุ่น อะคาตามะ ดินบอนไซ วัสดุปลูก ไรยหน้า

★★★★★ 25 คะแนน

แบรนด์: No Brand | เพิ่มเติม สนามหญ้าและสวน จาก No Brand in TH

฿43.00
จะเริ่มภายใน 2 วัน 18:17:39

฿45.00

12.12 เซลใหญ่
ส่งท้ายปี

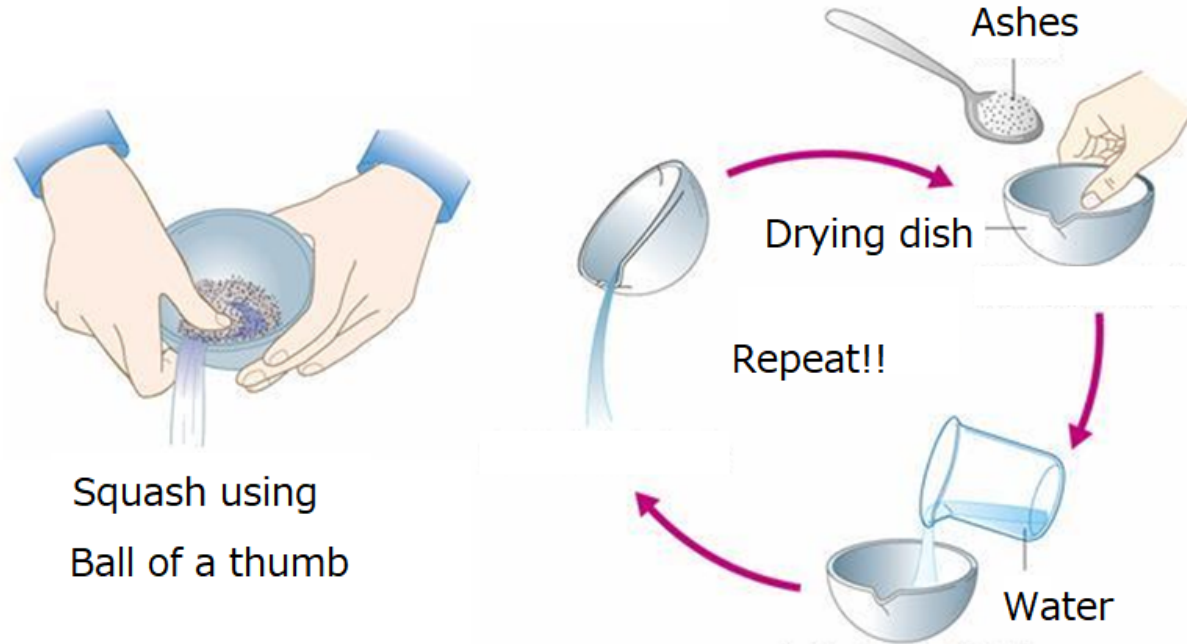
ขนาด เล็ก(1-3mm.) 500g.

เล็ก(1-3mm.) 500g. กลาง(3-6mm.) 500g. เล็ก(1-3mm.) 2kg.

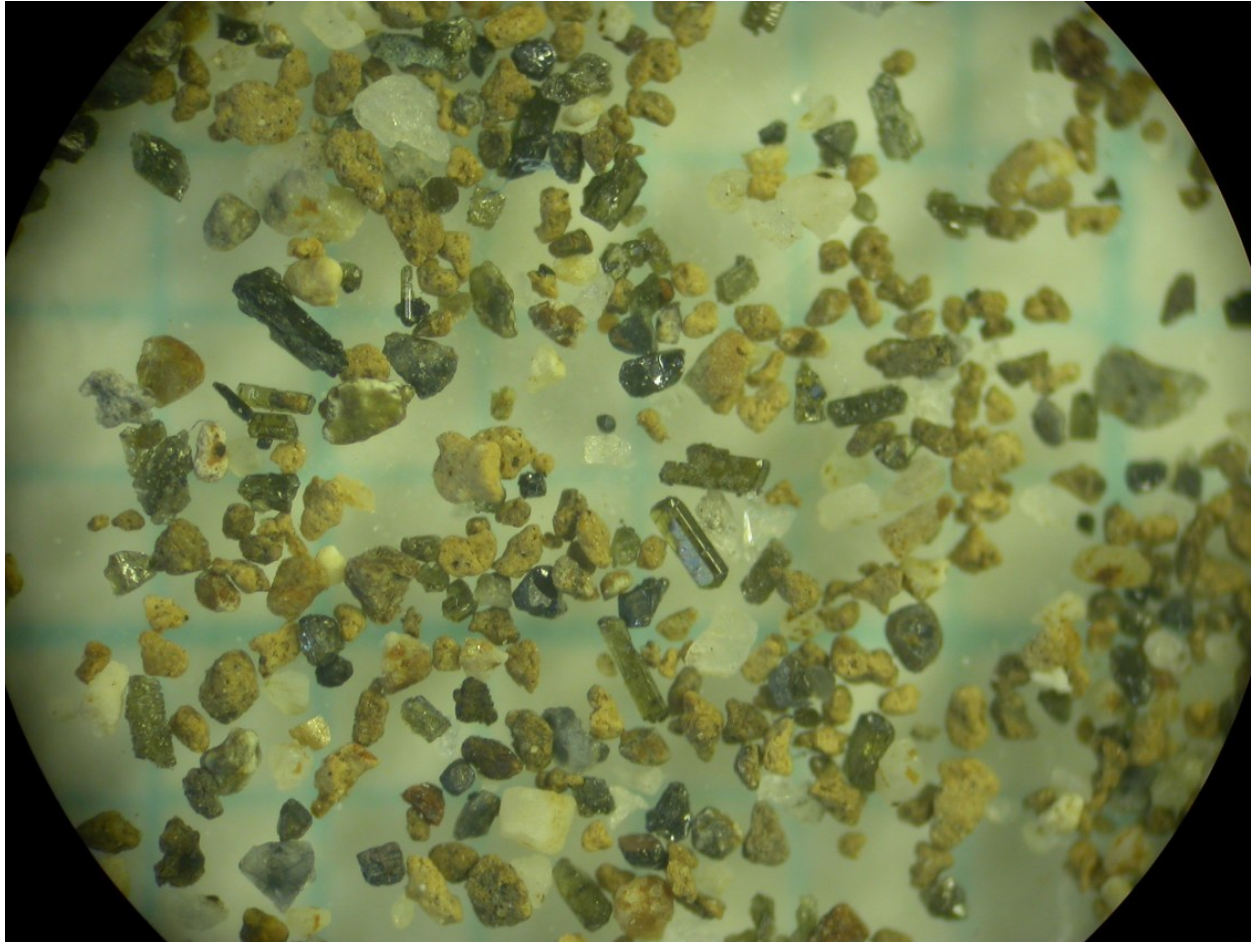
กลาง(3-6mm.) 2kg.

Wash up dirty soils

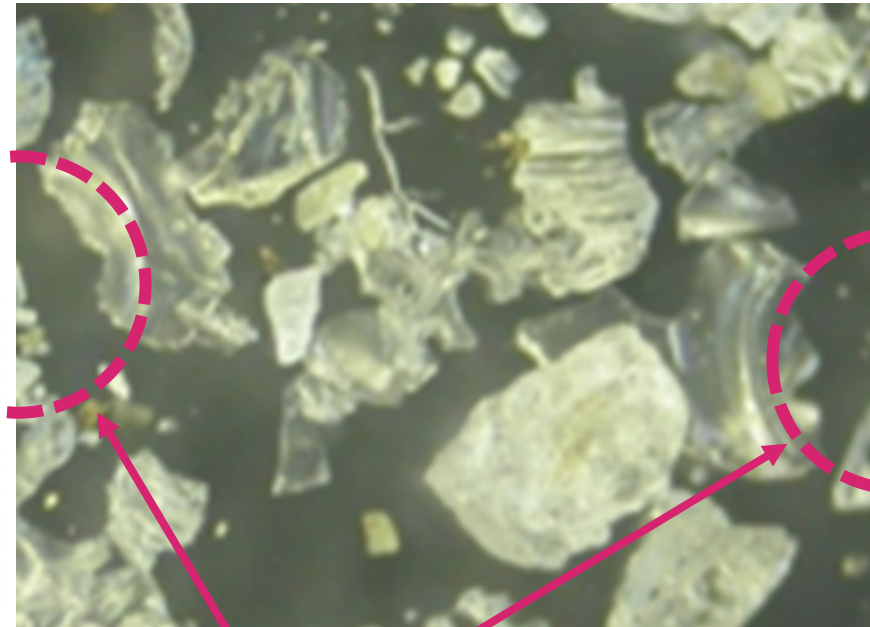
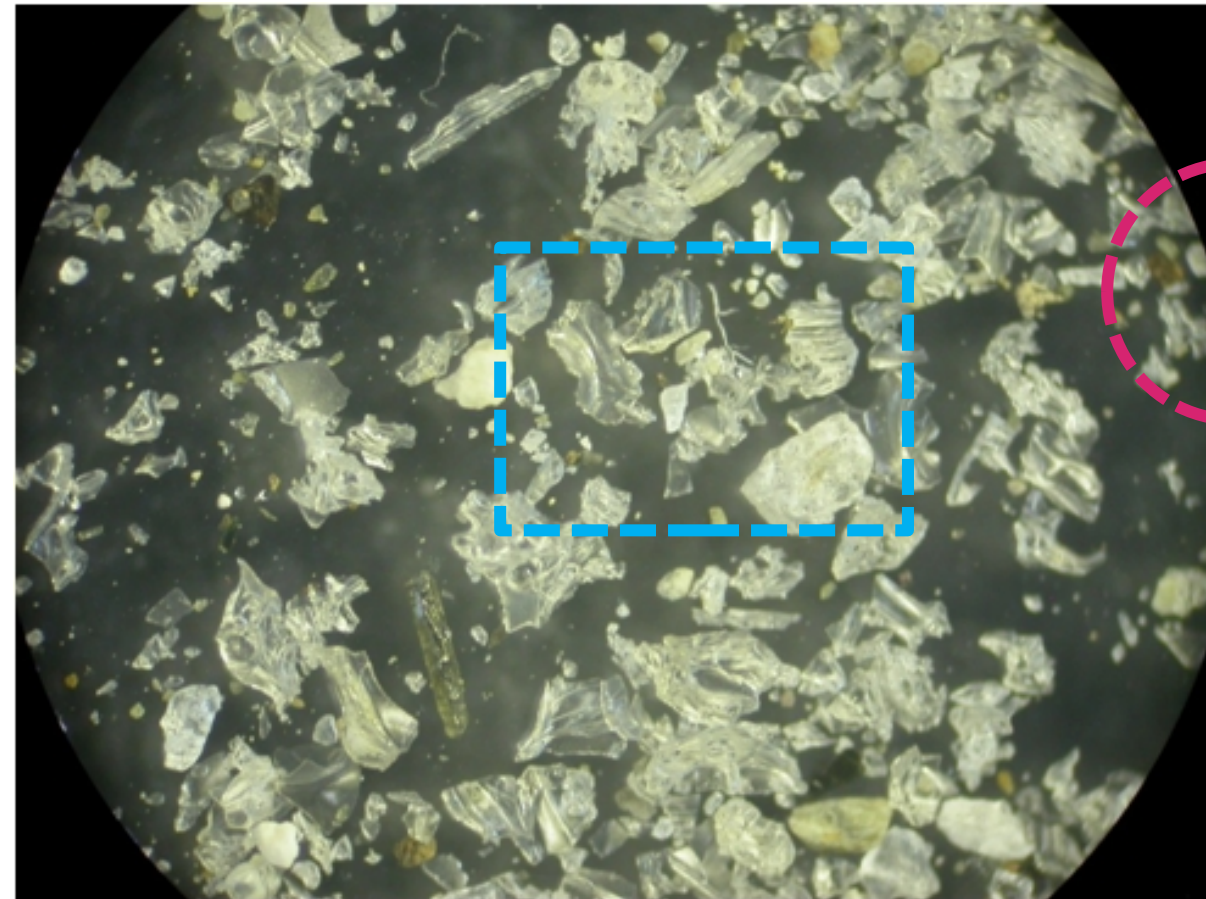
Preparation of volcanic ashes and soils for microscope observation



<Akatama-tsuchi: Kanto Roam> purchased from DIY shop as a plant soil Hyperion augite, hornblende, magnetite, rock fragments (background blueline: 1mm span, view area 8mm)

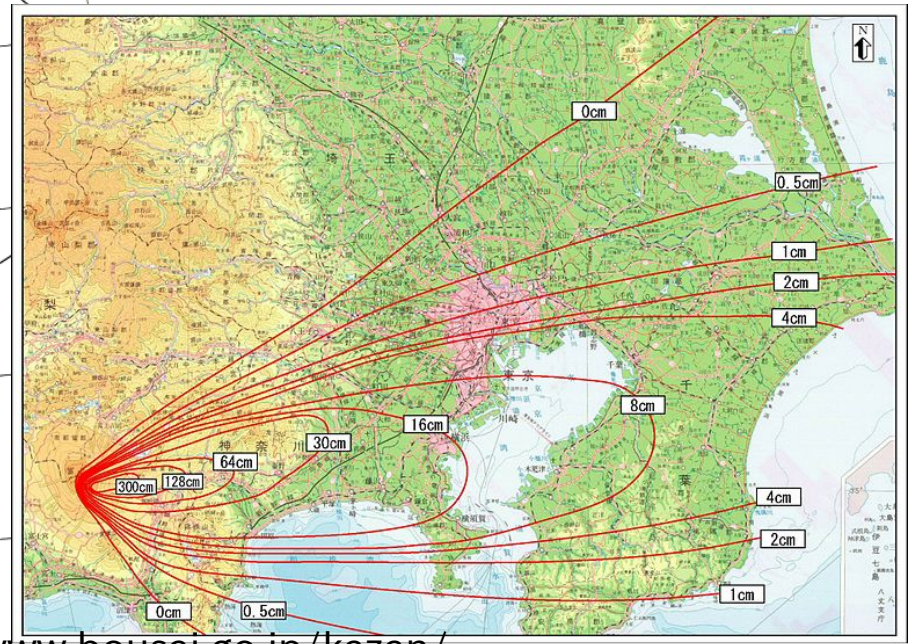
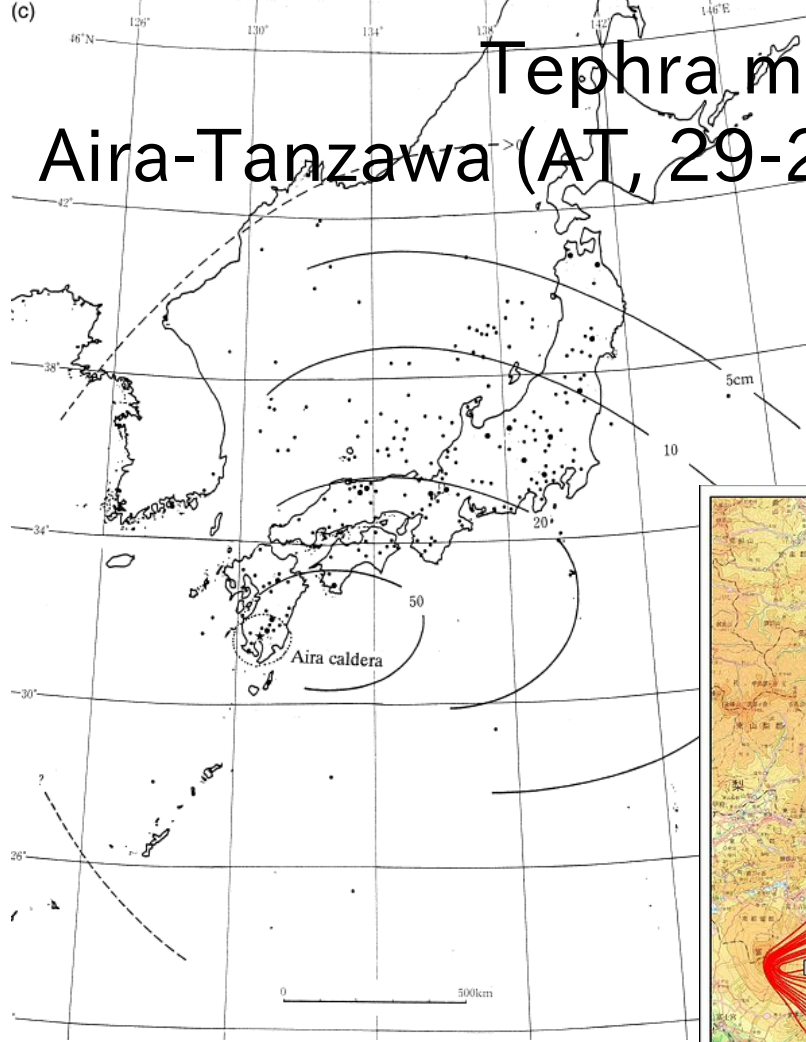


<Aura-Tanzawa volcanic ash: **AT volcanic ash**> in Mt.Aso Kumamoto Pref. Japan (same scale) Bubble walls of **volcanic glass** are significant. The expansion of this ash covers the large area of western Japan and Honsyu even northern end of Amomori. Important key bed of 2.5Ma. and is called a typical distal tephra.



Air bubble ->
"Bubble wall" structure

Tephra map in Japan Aira-Tanzawa (AT, 29-26ka) & Mt. Fuji (1707)



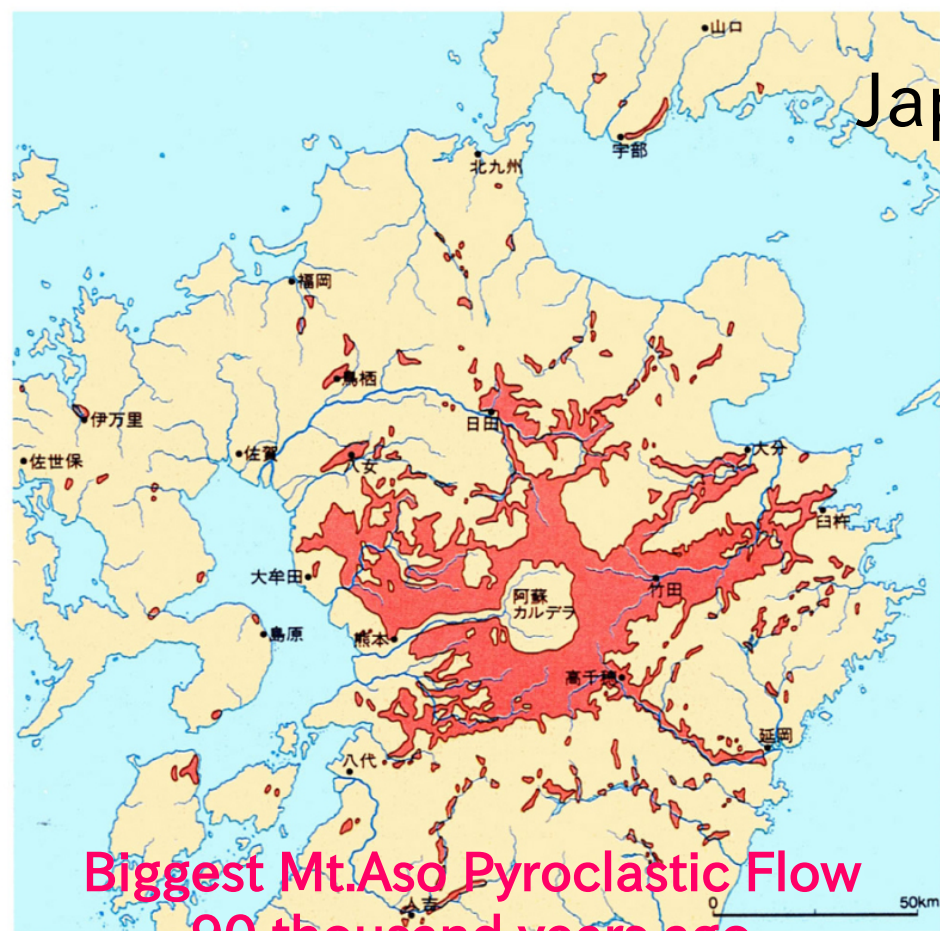
<http://www.bousai.go.jp/kazan/taisakukaigi/pdf/dai1kai/>

『聖火噴火による降灰分布図』
出典：富士山火山の災害調査資料
<http://www.bousai.go.jp/fujisan-kyougai/>

Akahoya Tuff(7300 ya) in Mt.Aso



Japan had some huge size volcanic eruptions in the past!



**Biggest Mt. Aso Pyroclastic Flow
90 thousand years ago**

【図3】阿蘇4噴火の火砕流の分布

出典：大木・小林,「日本の火山」1987より

<http://bunarinn.lolipop.jp/bunarinn.lolipop/bunarintokodaisi/kitaminaminojilyounonn/marukihune/5/kaidokikankivo.html>

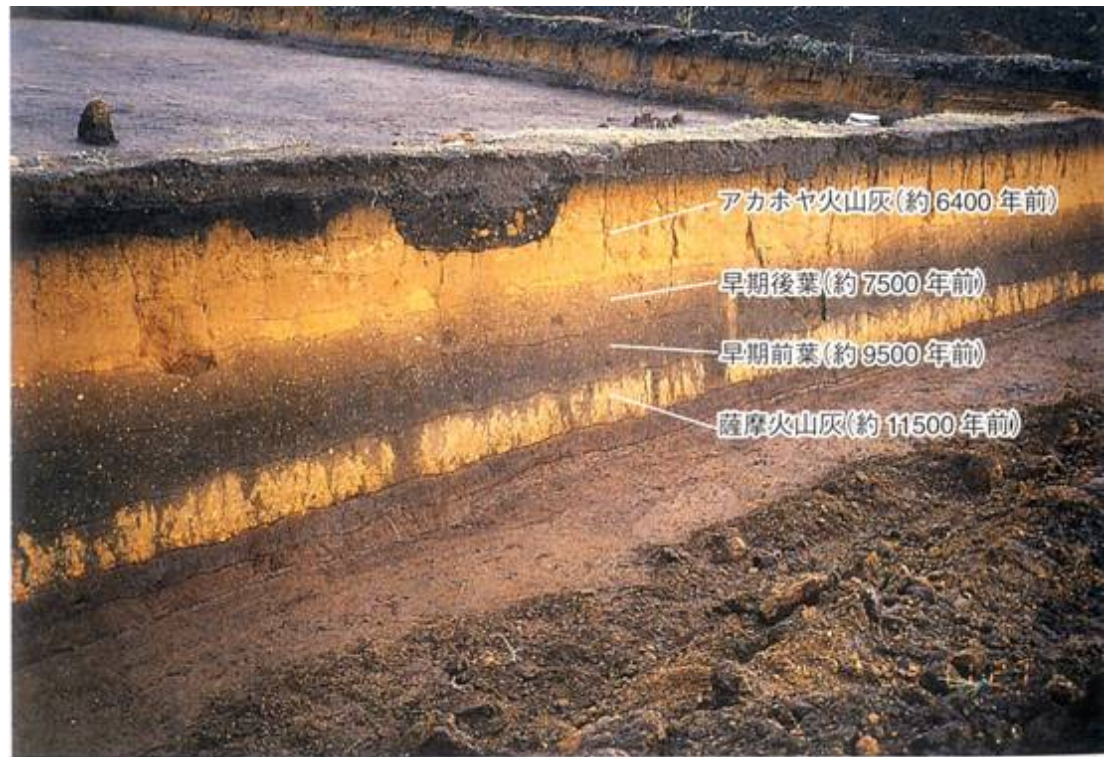
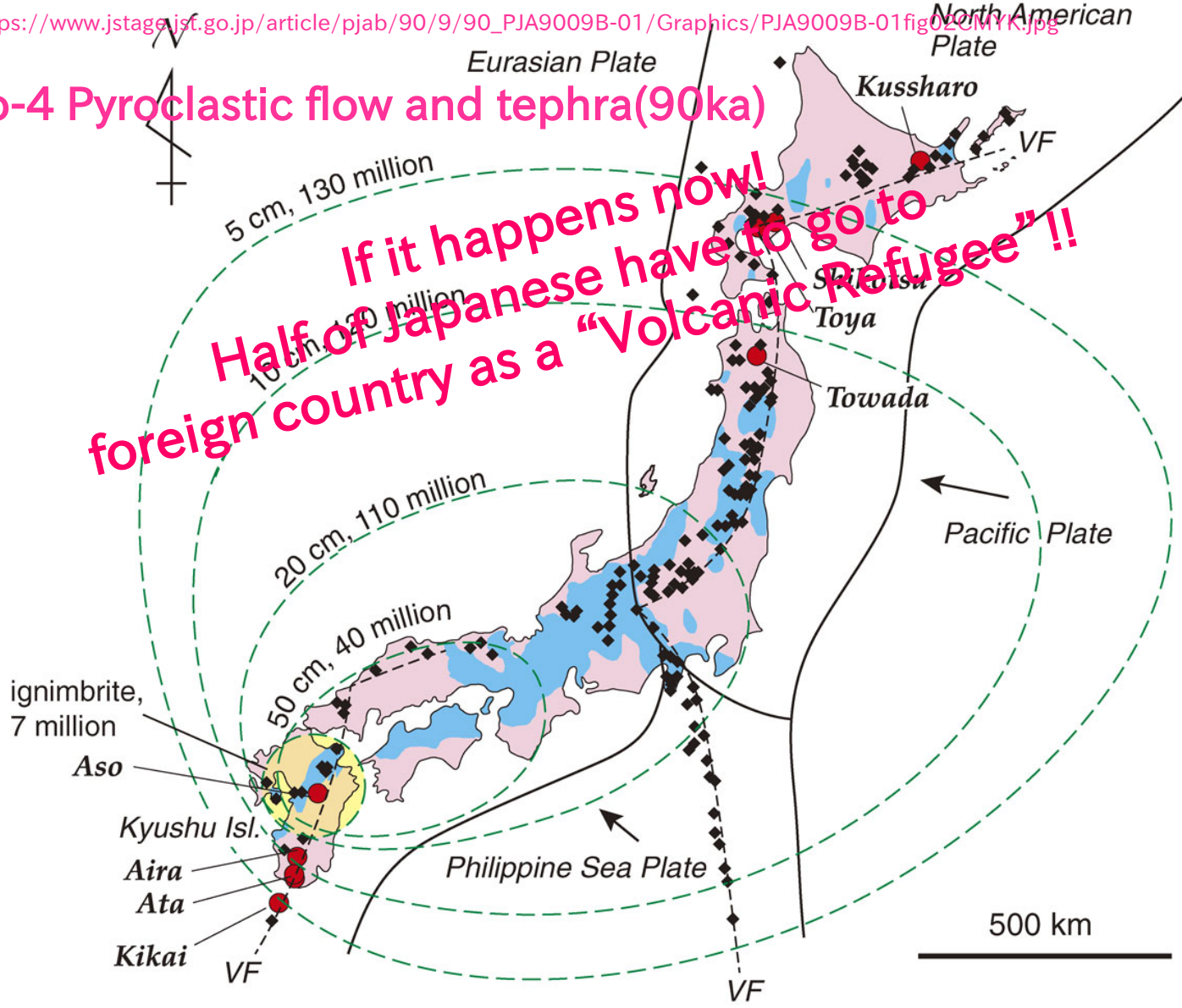


図 17 ● 上野原遺跡の地層写真

上野原遺跡ではアカホヤ火山灰 (5 層) と薩摩火山灰 (10 層) の間に、縄文時代早期後葉と前葉の 2 文化層が発見されている。薩摩火山灰 (10 層) 以下の生活は確認されていない。

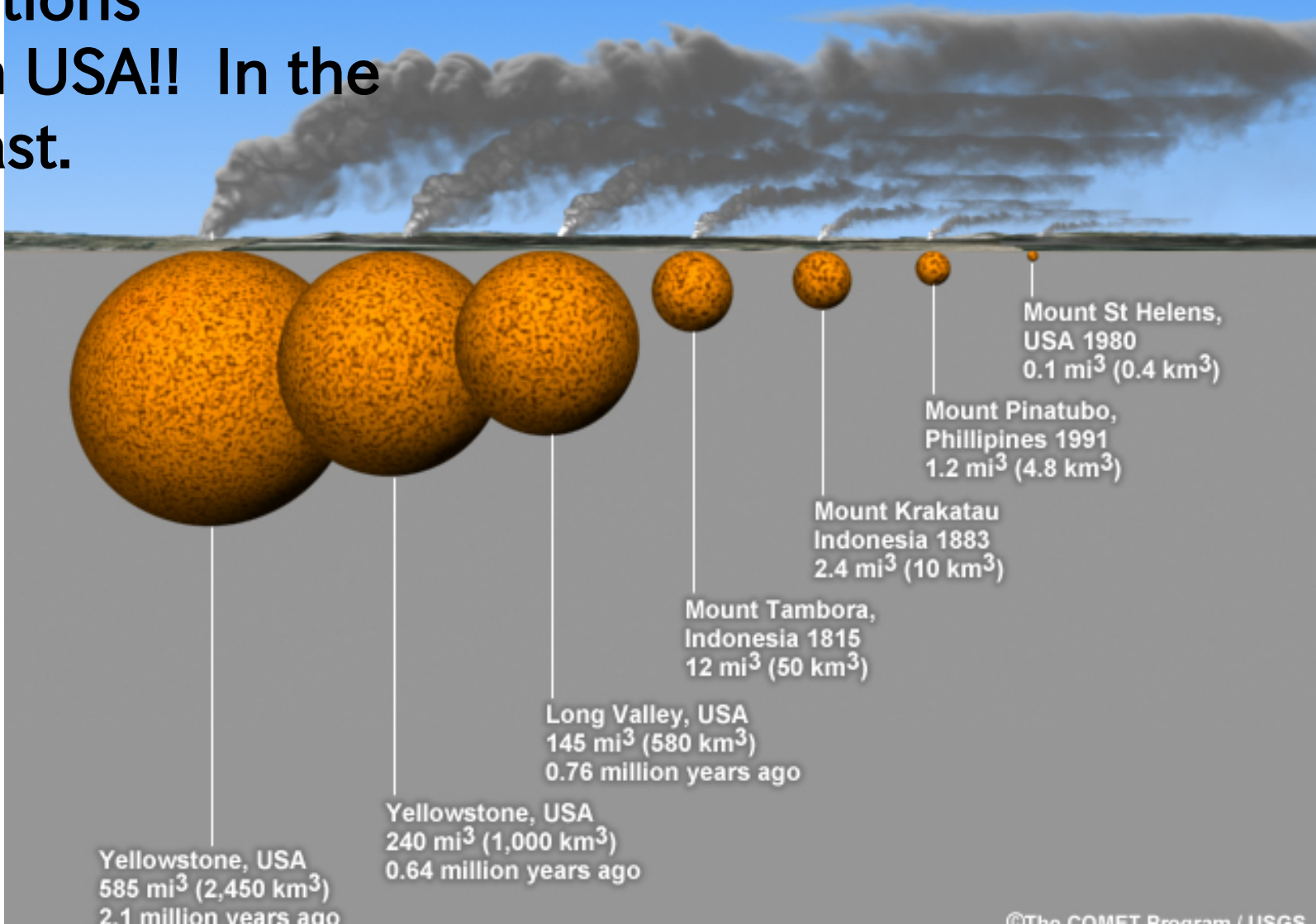
Aso-4 Pyroclastic flow and tephra(90ka)

**If it happens now!
Half of Japanese have to go to
foreign country as a "Volcanic Refugee" !!**



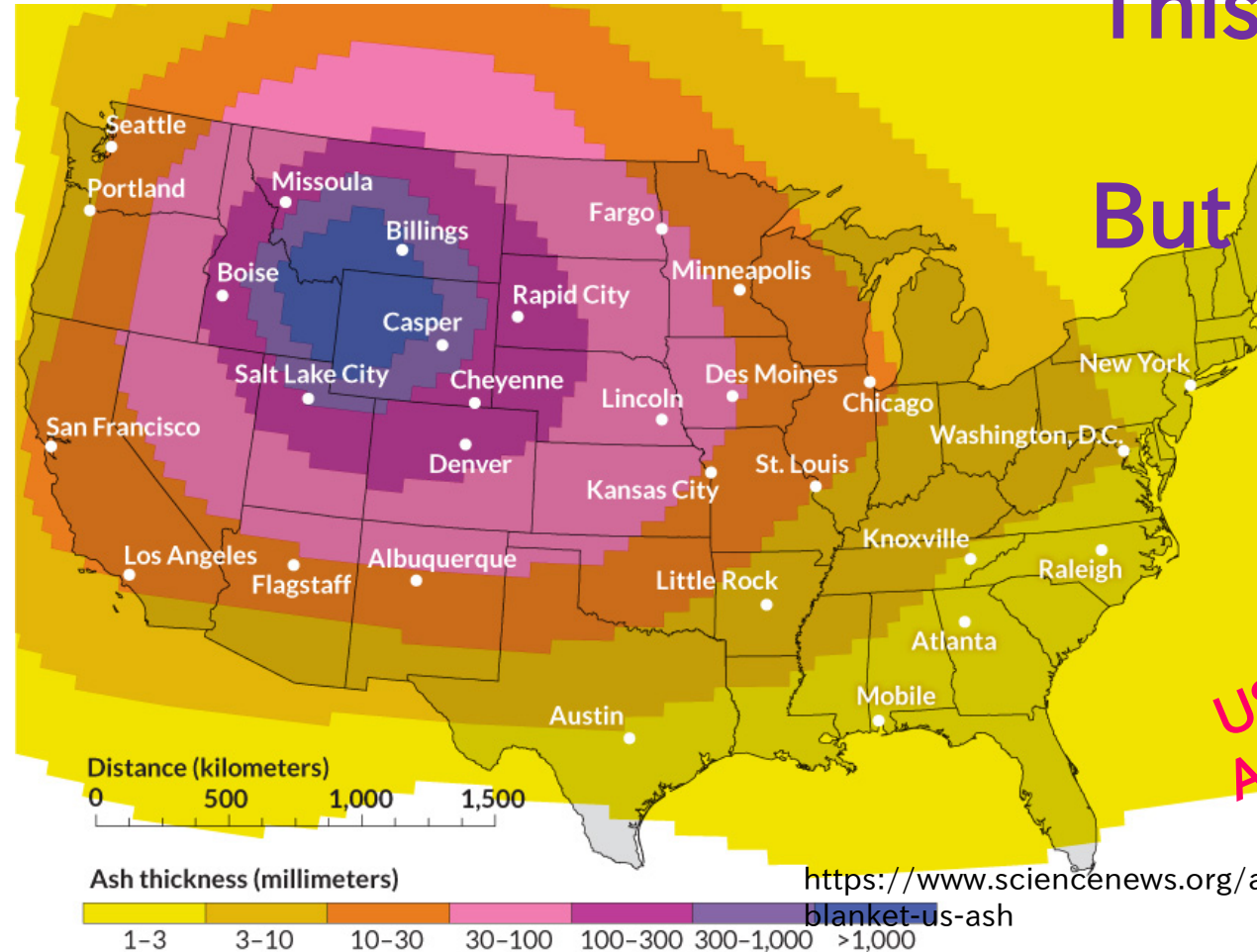
Most of the largest volcanic eruptions happened in USA!! In the past.

Volume of Erupted Volcanic Ash and Pumice in Terms of the Original Volume of Molten Rock Released



If it happens; A half of Americans become
“Volcanic refugee”!!

**This is not a scientific
fiction
But a geological fact!!**



**US President has to ask to Mexico
And Canada; Acceptance of them!!**

<https://www.sciencenews.org/article/supervolcano-blast-would-blanket-us-ash>

Frequency vs. size of eruptions
(Smithsonian Institution)

