

Figures

- Figure 1-1. Index map of studied area.
- Figure 1-2. Index map of the community, hills, plateaus and rivers.
- Figure 2-1. Summit level of the studied area and the eastern part of the Kanto Mountains.
- Figure 2-2. Contour map.
- Figure 2-3. Summit level of hills.
- Figure 3-1. Columnar section of the Yaoroshi, Hanno and Bushi Formations.
- Figure 3-2. The Hanno and Bushi Formations in the Sayama Hills.
- Figure 3-3. Distribution of the Yaoroshi, Hanno and Bushi Formations and their Equivalents.
- Figure 3-4-1. Cross sections of the Yaoroshi, Hanno and Bushi Formations and their equivalents (northern part).
- Figure 3-4-2. Cross sections of the Yaoroshi, Hanno and Bushi Formations and their equivalents (southern part).
- Figure 3-5. Inclination of the Yaoroshi, Hanno and Bushi Formations of the Kanto Mountains in Hanno City. Symbols are the same as in Figure 3-4-1.

Legend for columnar sections

- Figure 4-1. Standard columnar section of the Kanto Volcanic Ash and corresponding horizon of terraces.
- Figure 4-2. Columnar sections of the Maeganuki (No.1) and Sayama (No.2) Terraces.
- Figure 4-3. Columnar sections of the Sayama Terrace.
- Figure 4-4. Columnar sections of the Tokorozawa Terrace.
- Figure 4-5. Thermal demagnetization curve of the SIP at Hongo in Tokorozawa City.

- Figure 4-6. Columnar sections of the Omiya Terrace.
- Figure 4-7. Columnar sections of the Narimasu Terrace.
- Figure 4-8. Columnar section of the Narimasu Terrace at the Hino Plateau.
- Figure 4-9. Columnar sections of the Musashino Terrace.
- Figure 4-10. Columnar sections of the Tachikawa Terrace.
- Figure 4-11. Columnar sections of the Aoyagi Terrace.
- Figure 4-12. Columnar sections of the Shimosueyoshi Terrace at the Yodobashi-dai (left side) and the Shimosueyoshi Plateau (right side).
- Figure 4-13. Columnar section of the Odamaki Hills.
-
- Figure 5-1. Convergence of the Omiya Plateau (Omiya Terrace) and the alluvial plain.
- Figure 5-2. Distribution of terraces.
- Figure 5-3. Modified map of terraces in the studied area.
-
- Figure 6-1. Paleogeographic map at the age of the Yaoroshi Formation.
- Figure 6-2. Paleogeographic map at the age of the Hanno Formation.
- Figure 6-3. Paleogeographic map at the age of the Bushi Formation.
- Figure 6-4. Paleogeographic map at the age of the Toyooka Gravel.
- Figure 6-5. Paleogeographic map at the age of the Kanekozaka, Kamikayama and Imokubo Gravels.
- Figure 6-6. Paleogeographic map at the age of the Mine Gravel.
- Figure 6-7. Paleogeographic map at the age of the Maeganuki Gravel.
- Figure 6-8. Paleogeographic map at the age of the Kaneko-dai and Tokorozawa-dai Gravels.
- Figure 6-9. Paleogeographic map at the age that the Yodobashi-dai and the Omiya Plateau were beneath the sea level.
- Figure 6-10. Paleogeographic map at the age that the Yodobashi-dai appeared on the surface of the sea.
- Figure 6-11. Paleogeographic map at the age of the Narimasu Gravel.

- Figure 6-11-1. Kanto Tectonic Basin at the age of the Narimasu Gravel.
- Figure 6-12. Paleogeographic map at the age of the Musashino Gravel.
- Figure 6-12-1. Kanto Tectonic Basin at the age of the Musashino Gravel.
- Figure 6-13. Paleogeographic map at the age of the Naka-dai Terrace Gravel.
- Figure 6-14. Paleogeographic map at the age of the Tachikawa Gravel.
- Figure 6-15. Paleogeographic map at the age of the Aoyagi Gravel.
- Figure 6-16. Paleogeographic map at the age of the Haijima Terrace.
- Figure 6-17. Geographic map at the present time.
-
- Figure 7-1. Contour map and base lines of the cross sections in
Figure 7-2.
- Figure 7-2. Cross sections of terraces to the respective ages.
- Figure 7-3. Map of the bird's-eye view of terraces.
- Figure 7-4. Map of the river system.
- Figure 7-5. Deformation of the surface of marine Shimosueyoshi Terrace.
- Figure 7-6. Location map of the Kanto Tectonic and Sagami Sedimentary Basins
and the Tama Hills.

Tables

- Table 1. Comparison of stratigraphic classification.
- Table 2. Correlation of the respective hills by the present author.
- Table 3. Fossil Diatoms from the Yaoroshi Formation at Osoki in Ome City
- Table 4. Pleistocene stratigraphy from the western part of Saitama Prefecture to Boso Peninsula.
- Table 5. Molluscan fossils from the Tokyo Formation at Tokumaru, Itabashi-ku, Tokyo.
- Table 6. Plant fossils from the Ekoda Conifer Bed in Tokyo Metropolis
- Table 7. Comparison of the classification of the Kanto Volcanic Ash in the southern part of the Kanto Region.
- Table 8. Fission track age determination.
- Table 9. Comparison of terrace classification.
- Table 10. Molluscan fossils from the Tokyo Formation in Urawa City, Omiya Plateau.

Plates

Plate 1

- Figure 1. The Yaoroshi Formation exposed near the funeral hall in Hanno City.
- Figure 2. The Yaoroshi Formation at the type locality (Yaoroshi) along the Iruma River, Hanno City.

Plate 2

- Figure 1. Fine grained pumices of the Yaoroshi Formation at the type locality.
- Figure 2. The boundary of the Hanno Formation (above) and the Yaoroshi Formation (below) along the Koma River at Kinchakuden, Hidaka City.

Plate 3

- Figure 1. The Hanno Formation along the Koma River of Kinchakuden, Hidaka City.
- Figure 2. Pebbley gravels in the Hirayama Sand near Kitano Station, Hachioji City.

Plate 4

- Figure 1. The Hirayama Sand at the type locality of Hirayama, Hino City.
- Figure 2. Gravel bed in the Bushi Formation at Sasai, Sayama City.

Plate 5

- Figure 1. Tuffaceous sand in the Bushi Formation at Motokaji along the Iruma River, Hanno City.
- Figure 2. The Imokubo Gravel at Kamiyamaguchi, Tokorozawa City.

Plate 6

- Figure 1. "Tama Volcanic Ash" at Kamikayama, Hidaka City.
- Figure 2. "Tama Volcanic Ash" at Kamiyamaguchi, Tokorozawa City.

Plate 7

- Figure 1. The Kaneko-dai Gravel and the Kanto Volcanic Ash at Nihongi, Iruma City.
- Figure 2. The Tokorozawa-dai Gravel and the Kanto Volcanic Ash at Hongo, Tokorozawa City.

Plate 8

Figure 1. The Pm-I and the SIP in the Shimosueyoshi Volcanic Ash at Hongo, Tokorozawa City.

Figure 2. The SIP in the Kawaguchi Clay (subaqueous Shimosueyoshi Volcanic Ash) at Akai, Kawaguchi City.

Plate 9

Figure 1. The Pm-I in the Shimosueyoshi Volcanic Ash at the type locality, Tsurumi-ku, Yokohama City.

Figure 2. The TP, the OP and the SIP at the type locality of the Shimosueyoshi Volcanic Ash of Tsurumi-ku, Yokohama City.

Plate 10

Figure 1. The TP and the OP at the type locality of the Shimosueyoshi Volcanic Ash.

Figure 2. The Musashino (M.G.) and the Narimasu Gravels (N.G.) and the Tokyo Formation (T.F.) at Tokumaru, Itabashi-ku, Tokyo Metropolis.

Plate 11

Figure 1. The TP in the Musashino Volcanic Ash at Koiwai, Hanno City.

Figure 2. The stratigraphic relation of the Tachikawa Volcanic Ash (TVAF), the Tachikawa Gravel (T.G.) and the so-called Ome Sand and Gravel Bed (Ome S. & G.).

Plate 12

Figure 1. The Tachikawa Volcanic Ash and the Tachikawa Gravel.

Figure 2. Aira-Tn Volcanic Ash (AT) in the Tachikawa Volcanic Ash at Koiwai, Hanno City.