

Formation and Development of the Yayoi People II : Focusing on Genetic Relationships with the Neolithic People in the Korean Peninsula

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I learned from Nature published in November 2021 that among the people of the early Neolithic period excavated at Andong shell mound in the island area of Jeollanam-do, there were people who did not have the nuclear genome of ancient East Asian coastal groups. This means that people who did not include the nuclear genome of ancient East Asian coastal groups have existed in the southern part of the Korean Peninsula since the beginning of the Neolithic period. Therefore, it is considered that the nuclear genome of the Neolithic people of the Korean Peninsula were diverse from the early period, including Neolithic culture people (Korean Peninsula series) who have the nuclear genome of ancient East Asian coastal groups and those who do not have it (Xiliao River series), etc." Therefore, assuming the Korean Bronze Age cultural people who inherited various nuclear genomes, we once again simulated the formation and development of Yayoi period people. As a result, it was found that four types of the Yayoi period people with different nuclear genomes can be assumed at present."

- ① Yayoi people I who were indigenous people as the Jomon people: Have the nuclear genome of the Jomon people. Example: Otomo dolmen in Saga Prefecture, Initial Yayoi
- ② Yayoi people II who were immigrants to ancient Japan: having the nuclear genome of the Korean Peninsula (West Liaohe system + ancient East Asian coastal group system): Asahi site in Aichi Prefecture, Early Yayoi period
- ③ Northwest Kyushu Yayoi people" refers to people who have the nuclear genome of both "immigrant Yayoi people I and II" and "indigenous (Jomon) Yayoi people". They appeared in the late Yayoi period, for example, at the Shimomotoyama site in Nagasaki Prefecture and the Otsubo shell mound in Kumamoto Prefecture
- ④ Indigenous (Jomon) Yayoi people: have the same nuclear genome as Jomon people. Example: Otomo site in Saga prefecture, initial Yayoi period. Ikawazu shell mound in Aichi Prefecture, early yayoi period.

Key words: Hong-shan, Andong, Jang-hang, Pyongseoun-ri, Yayoi people who were immigrants to ancient Japan, Yayoi people who were indigenous people as the Jomon people, Ancient Eastern Asia people along the east coast of Ancient East Asia
