BibTex List of MaterialsRelated
to the Study of Japanese History

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References


52


First, we selected natural dyes related to the Japanese history. Specifically, natural dyes including plant-derived dyes such as Sappan and animal dyes such as Cochineal, Lac. Second, we developed a problem-based learning program related to chemical experiment for senior high-school students. The main theme of the program is Transition of Red Coloring Materials in Ukiyo-e from the end of Edo period to the Meiji period. This study aims to evaluate the use of Laser Fluorescent as a non-destructive technique for identification of natural dyes on archaeological textile objects. In this study wool textile samples were dyed with 10 natural dyes such as cochineal, cutch, henna, indigo, Lac, madder, safflower, saffron, sumac and turmeric.