

Tephrostratigraphic fieldwork on Iturup Island (the South Kuril Islands) in 2024

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Abstract. The report presents the results of the fieldwork (July 2024) aimed at studying the traces of prehistoric ashfalls in the city of Kurilsk and nearby settlements: the villages of Kitovy, Rybaki, and Reydovo (Iturup, South Kuril Islands). The work was traditionally based on tephrostratigraphic studies, during which the sections of the soil-pyroclastic cover were studied. In total, more than 10 sections were studied. The materials obtained during the fieldwork, after carrying out radiocarbon dating and material composition studies, will be used in further regional studies on young volcanism of the South Kuril Islands, as well as in studies on assessing volcanic hazard and volcanic zoning.

Keywords:

Kuril Islands, Iturup, volcanic ash, tephra, explosive eruptions

For citation: Degterev A.V. Tephrostratigraphic fieldwork on Iturup Island (the South Kuril Islands) in 2024. *Geosistemy peredodnykh zon = Geosystems of Transition Zones*, 2024, vol. 8, No. 3, pp. 212–218. (In Russ., abstr. in Engl.)

<https://doi.org/10.30730/gtrz.2024.8.3.212-218>; <https://www.elibrary.ru/uvkmyl>

Для цитирования: Дегтерев А.В. Полевые тephростратиграфические работы на о. Итуруп (Южные Курильские острова) в 2024 г. *Геосистемы переходных зон*, 2024, т. 8, № 3, с. 212–218. <https://doi.org/10.30730/gtrz.2024.8.3.212-218>; <https://www.elibrary.ru/uvkmyl>

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