

## **Succession and correlation of the North Pacific Paleogene events**

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1. Recently the Paleogene stratigraphic scheme was compiled for Sakhalin and Kamchatka with references to the schemes of Japan and North America. The scheme enabled us to reveal succession and ages of different geological events, which are of regional and subglobal extent.

2. The Cenozoic geological events of the North Pacific are characterized by different character and duration. Among relatively short-term events to be used in correlation, there are tectonic movements, paleogeographic changes, paleoclimatic and eustatic fluctuations, biotic migrations, changes in paleontological assemblages, volcanic eruptions, bioproductivity outbursts, and others. Some causal-effective relations between these events can be established.