



## Stratigraphy of the marine Paleogene of the south-east of Western Siberia based on foraminifera

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A study has been made on materials obtained from holes penetrating the south-eastern margins of Western Siberia (in the vicinity of towns Tomsk and Seversk). The section of borehole T-29 has been adopted as the type one. The bottom part of this section (depth 234.4-230.0 m; the Talitskian Horizon) is the strata enclosing the Selandian Assemblage *Cibicidoides proprius*. The Thanetian foraminiferal association *Glomospira gordialiformis* - *Cyclammina coksuvorovae* has been established in the superjacent strata (depth 229.4-228.0 m, borehole T-29) composing the top of the Talitskian Horizon and the bottom of the Lulinvorskian Horizon. *Planorotalites*, *Textularia sibirica* Podobina, *Anomalinoidea* cf. *ypressiensis* (ten Dam) *ovatus* Podobina and others characteristic for the Ypresian Stage have been recorded from interval 227.5-224. m in the Lyulinvorskian Horizon. The Lutetian Assemblage *Eponodes candidulus-Cibicides tenellus* has been recorded from the strata assigned to the middle portion of the Lyulinvorskian Horizon. The Bartonian species *Cibicidoides ungerianus* (Orbigny), *Pararotalia* cf. *spinigera* (Le Calvez) have been recovered from interval 214.6-206.0 m and considered as the index species for this assemblage. The superjacent Priabonian (the top of the Lyulinvorskian Horizon) and all the foraminifera stated above are characteristic for the associations investigated from the stratotype stages of Northern Europe. The maritime facies enclosing calcareous tests correspond to the deep-water facies of the West-Siberian central district with agglutinated quartz-siliceous forms, of which our investigation enabled the age to be refined.