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New Pb/Pb and Pb/U ages of zircon single grains from early early Precambrian polymetamorphic complexes of the Urals.

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Nyartinsk gneiss-migmatitic complex is located in the northern part of Lyapinsk anticlinorium which is part of Central-Uralian uplift. The complex is composed of strongly dislocated and metamorphosed rocks. The most abundant in the section of the complex are garnet and garnet-bearing gneisess. Accessory zircon found n these rocks can be divided into three morphological types: (1) dark-pink rounded zircon 2210 mln. years of ages; (2) brownich-yellow opaque short prismatic zircon 670 mln. years of ages; (3) pale to colourless zircon with age estimates 700 mln. years. The obtained age estimates for the zircons are consistent with the geological environment: 2210 mln. years can be attributed to the age of granulitic metamorphism, while 700 mln years and 600 mln years can suggest the age of the final stage of metamorphism and metasomatism, respectvely.