

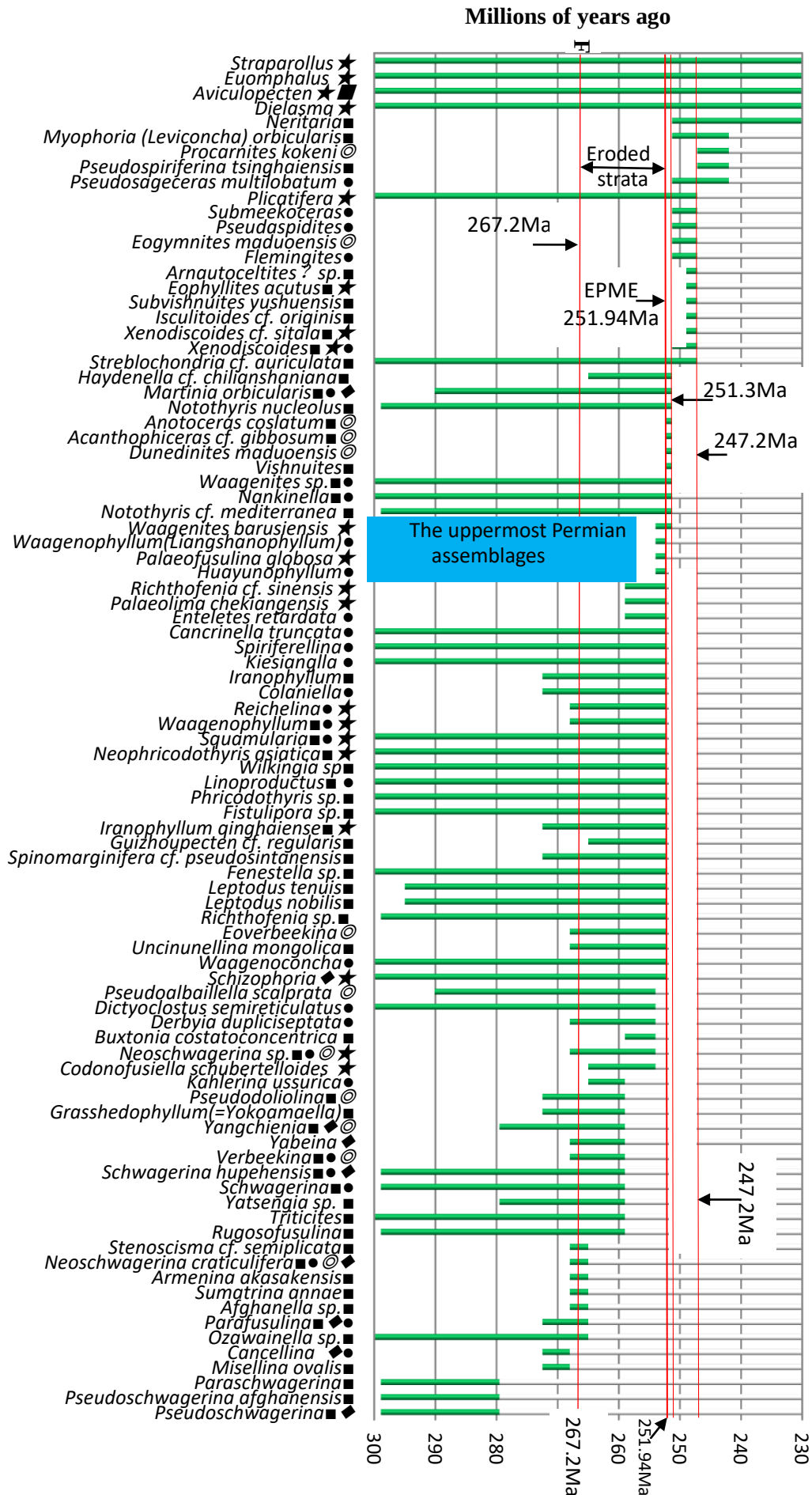


Fig.6 Time-series biostratigraphic zone during the Permian Triassic (~251.94 Ma) interval of the study area; Green-bar showing the lifespan of the published fossil collections in the studied area based on database of fossil websites (fossilworks.org); The sampling area showing ●Huashixia (the south slope of East Kunlun^[1-3], Donggeicuona Lake^[4], Long-Rock Mountains^[4]); ■Changma River^[5, 6] (Youyun, Yama); ◎Maduo (Zaling lake paleo-seamounts^[1], 24 km eastern Maduo^[6, 7]); ★Shixia^[8, 9] (Maqin town, Zhihela^[5], Aliza^[5]), the occurring interval of global cooling showing between the two red lines of 251.94 Ma and 247.2 Ma, and the index fossils of topmost Permian showing in blue rectangle.

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