



# ÚSTAV GEOLOGIE A PALEONTOLOGIE PŘÍRODOVĚDECKÉ FAKULTY UNIVERZITY KARLOVY

si vás dovoluje pozvat na paleontologický seminář (MG422S42B), který se koná  
ve středu **2. března 2022** od **14:50** ve **Velké paleontologické posluchárně**  
a na [meet.google.com/hqc-mjbt-bty](https://meet.google.com/hqc-mjbt-bty)



## Evolution of reefs

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***“Carbonate buildups are like Shakespeare; the plays go on—only the actors change”*** (R. N. Ginsburg).

Carbonate buildups or reefs (much smaller buildups than the Great Barrier Reef are called reefs by geologists).

Ancient reefs (already in Precambrian) were different than modern reefs. Not only corals were constructors. Microbes, sponges, rudists and other organisms were main “actors” in some periods. Different was significance of organisms of other reef guilds. For example: destructors are crucial for modern reefs, but were not important in Paleozoic reefs. Moreover, reefs developed under different sets of environmental conditions.

Using theater metaphor: they were controlled by various “stage managers”.

