ABSTRACT: This article presents some comparative results of an investigation project about temporal and aspectual properties in texts of different sequence types (namely narrative and descriptive; cf. Adam (2001)) and, simultaneously, in texts of different discourse genres. It is argued that aspectual classes (cf. Moens (1987)) and temporal relations among eventualities depend upon the choice of the sequence type: narrative sequences include mainly events and the temporal relation of precedence; descriptive sequences include mainly states and the temporal relation of overlapping. It is also pointed out that narrative sequences present a more complex temporal and aspectual structure than descriptive sequences. Furthermore, the results of the analysis of two narrative sequences which belong to two different discourse genres suggest that some discourse genres also play an important role on determining the temporal and aspectual properties of a textual sequence.