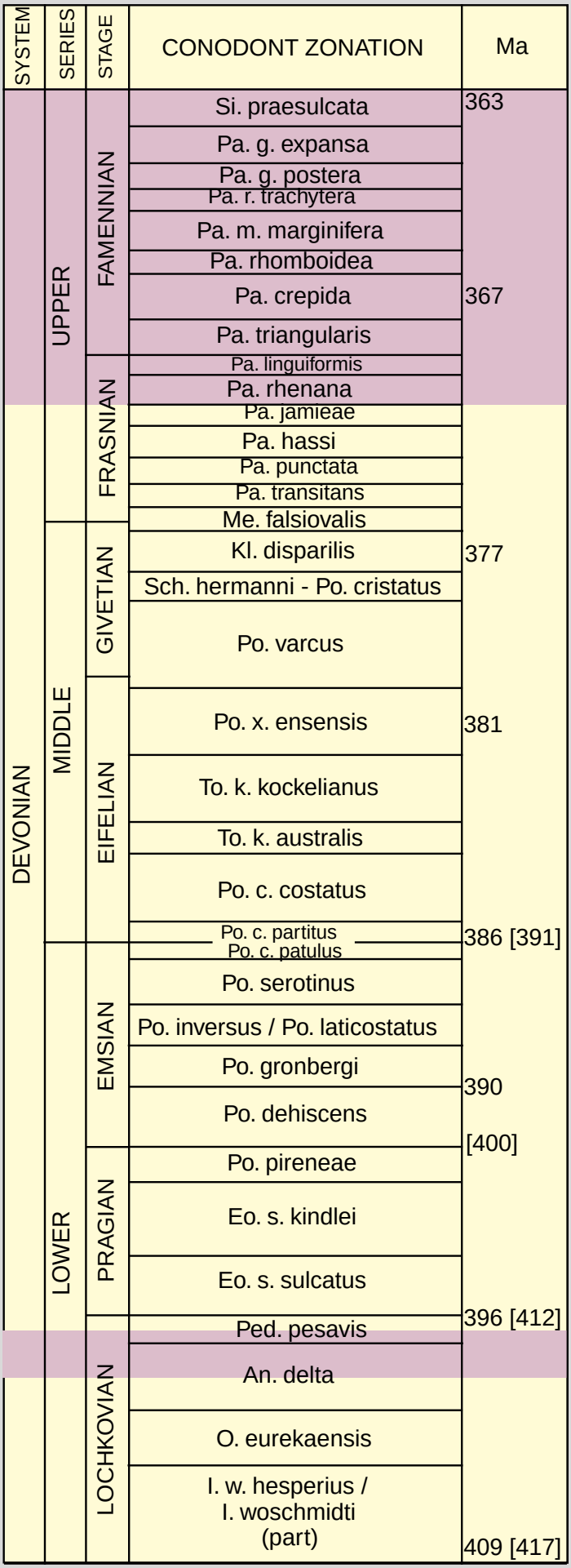

Figure 7. Biostratigraphic chart illustrating relative ages of conodont and zircon samples from Coldfoot terrane. Shaded area in Lower Devonian represents age range of conodont sample 89TM 314 from the Emma Creek schist; shaded area in Upper Devonian represents U-Pb detrital zircon age of ~370-360 Ma from Marion Creek schist (see Figure 2 for sample locality). Conodont-bearing rocks of Emma Creek schist are structurally, and possibly stratigraphically, below rocks of Marion Creek schist. Vertical scale is nonlinear; absolute ages shown are published estimates of conodont zones. Conodont zonation: Lower and Middle Devonian from Oliver and Chlup c [1991]; Upper Devonian from Ziegler and Sandberg [1990]. Absolute ages from Harland et al. [1990] and, in brackets, from Tucker and McKerrow [1995]. Note that boundaries of Lochkovian by Tucker and McKerrow [1995] are older than those of Harland et al. [1990]. In addition, Lochkovian Stage is 5 Myr long, according to Tucker and McKerrow [1995], less than half the duration given by Harland et al. [1990].

Back to text