



**Fig. 3.1. Bud sections of the primary axis of 'Riesling' vines without any cellular abnormalities (40X) at 46 and 56 days after budbreak. A) 'Riesling' buds from Somerset Vineyard were sampled at 46 days after budbreak on 30 May, 1994. B) 'Riesling' buds from Somerset Vineyard were sampled at 56 days after budbreak on 9 June, 1994. C) A section of 'Riesling' bud with primary bud axis and two secondary bud axes.**