Fig. 2.9 Transpirational cooling in the desert plant *Citrullus colocynthis*. Graph shows air temperature (heavy line), leaf temperature (thin line) and

temperature of another leaf which was excised to stop

transpiration (broken line). The

carried out. (From Lange 1959.)

60 (C) **Temperature** 50 Lethal point 40 30 20 10 18 Time of day (hours)