



Fig. 4.6. Diagram showing the relationship between water potential (logarithmic scale) and water content of a sandy and a loam soil. The conventional threshold value for field capacity (FC) is -0.015 MPa, for permanent wilting (PWP) -1.5 MPa; at values more negative than -5 MPa there is only hygroscopically bound water. The average values shown for different plant types depend on the type of soil (soil texture, pore size) and vegetation; however, they may also be lower when plants are adapted to water deficiency. The *arrows* are referred to in the text. (After Kramer 1949; Laatsch 1954; Slavíková 1965)