

998. **Samraj, P. and Tiwari, A.K. 1983.** Some aspects of water relations in *Eucalyptus* plantation for higher productivity in the Nilgiris. Abstracts, National Symp. on "Watershed Management for Increased Productivity in red and black Soils", CSWCRTI, Res. Centre, Bellary, Feb. 07-09, 1983.

The study taken up in the catchments of the Nilgiris with bluegum (*Eucalyptus globulus*) as a man made forest deals with interception, throughfall and stemflow, infiltrations and absorption, runoff and soil loss, transpiration, streamflow, infiltration and absorption, runoff and soil loss, transpiration, stream flow on catchment basis, soil moisture status, return of nutrients by the leaf litter, root system, productivity, ground water regime etc.