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A. Vince, Department of Mathematics, University of Florida, Gainesville, FL 32611, and **H. Wang*** (hwang@georgiasouthern.edu), Department of Mathematical Sciences, Georgia Southern University, Statesboro, GA 30460. *The Average Order of a Subtree of a Tree*. Preliminary report.

Let T be a tree all of whose internal vertices have degree at least three. We show that the average order of a subtree of T is at least half the order of T , proving a conjecture raised by Jamison in 1983. It is also shown that the average order of a subtree of T is at most three quarters the order of T . Some open questions will be stated as well. (Received August 30, 2008)