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Taryn Laird* (tml94@nau.edu). *Trees of Irreducible Numerical Semigroups*.

A 2011 paper by Blanco and Rosales describes an algorithm for constructing a directed tree graph of irreducible numerical semigroups with fixed Frobenius numbers. We will explain the algorithm, construct examples, present new findings, and state several conjectures about these directed tree graphs. (Received September 17, 2013)