1015-13-276 **W. Hassler**, **R. Karr*** (rkarr@fau.edu), **L. Klingler** and **R. Wiegand**. *Large indecomposable modules over local rings.* Preliminary report.

Let $(R, \mathfrak{m}, k)$ be a commutative local ring. We say R is *Dedekind-like* provided R is one-dimensional and reduced, the integral closure of R is generated by at most 2 elements as an R-module, and $\mathfrak{m}$ is the Jacobson radical of R. Now, suppose S is a commutative local ring that is *not* the image of a Dedekind-like ring. Take a finite set $\mathcal{P}$ of non-maximal prime ideals of S and assign a non-negative integer n_Q to each prime Q in $\mathcal{P}$. Our main theorem is as follows: Up to a mild constraint on the n_Q's, we can build an infinite number of pairwise non-isomorphic indecomposable S-modules M such that M_Q is S_Q-free of rank n_Q. We will sketch a proof of our theorem in the case that some power of the maximal ideal of S requires 3 generators. (The opposite case, as it turns out, is somewhat harder to prove.) (Received February 07, 2006)