The authors have defined generalized PROPs by detailing Markl’s vague notion of a pasting scheme, consisting of the graphs one would like to use to index operational structures like operads, properads, (wheeled) PROPs, etc. After discussing the appropriate notions of graphs and pasting schemes, a natural question is how to define modules over such a structure. On one hand, one can verify that such structures are algebras over a colored operad, although with a larger set of colors, and define modules following May. On the other hand, one can produce a new monad, related to the graph substitution monad used to define the relevant operational structures, where the new monad’s algebras are also reasonable candidates for the name of a module. The theorem under discussion is that these two notions coincide, and along the way a structure the authors call a ‘pointed extension of a monad’ plays an important role. (Received August 18, 2014)