The development of Fasciola gigantica from miracidial penetration to the 85th day was observed in experimentally infected Lymnaea natalensis reared and kept in a laboratory in Kenya at ambient temperature. Contrary to previous accounts, the miracidium was found to metamorphose directly into a first-generation redia during the first 4 days. About the 16th day, the redia migrated to the snail liver. 2nd-generation rediae gave rise to 3rd-generation rediae and/or cercariae by the 45th to 50th day. The release of cercariae from 3rd-generation rediae began around the 75th day, and from 4th-generation rediae after 85 days. [AS].