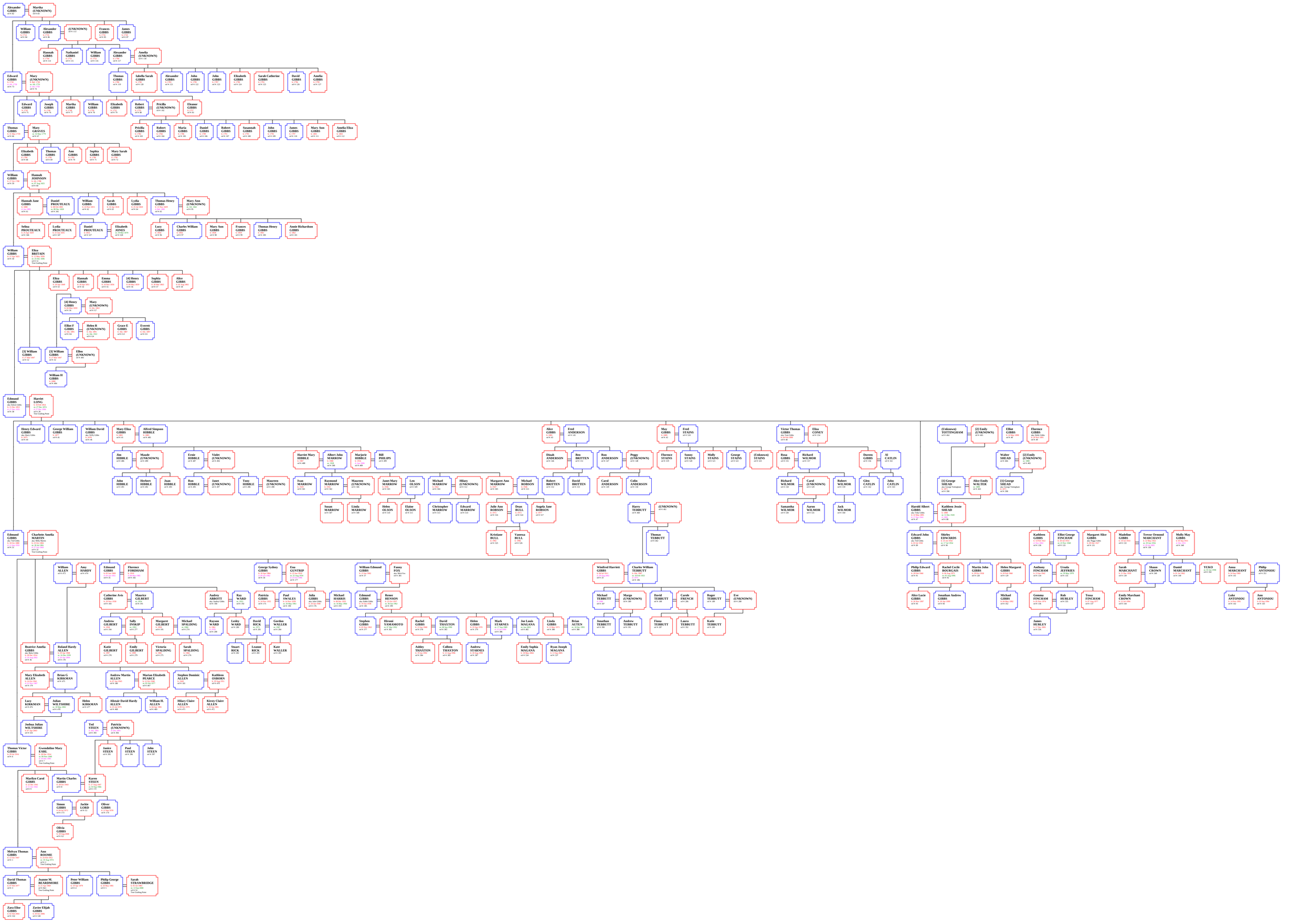The Gibbs Tree