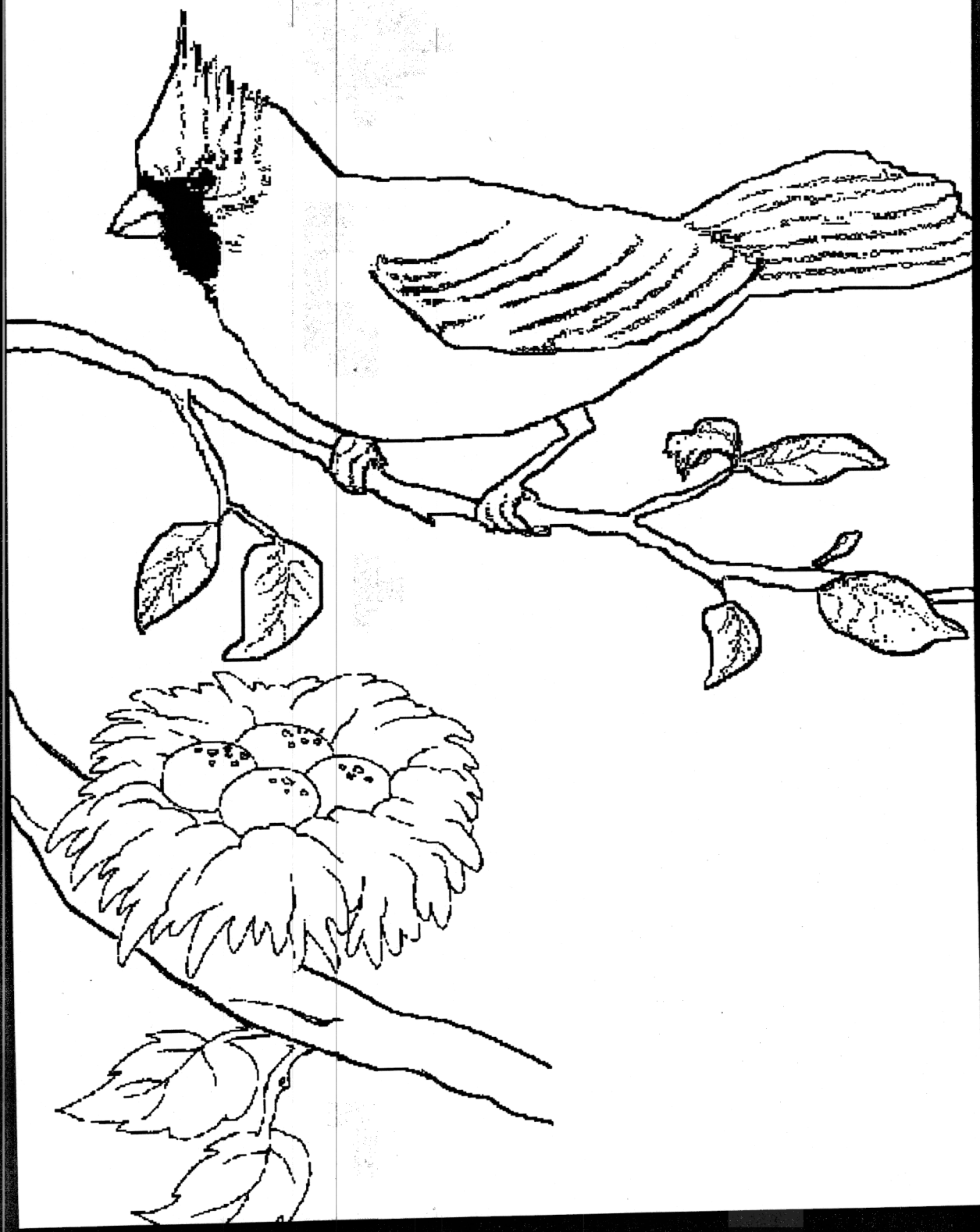Cardinal