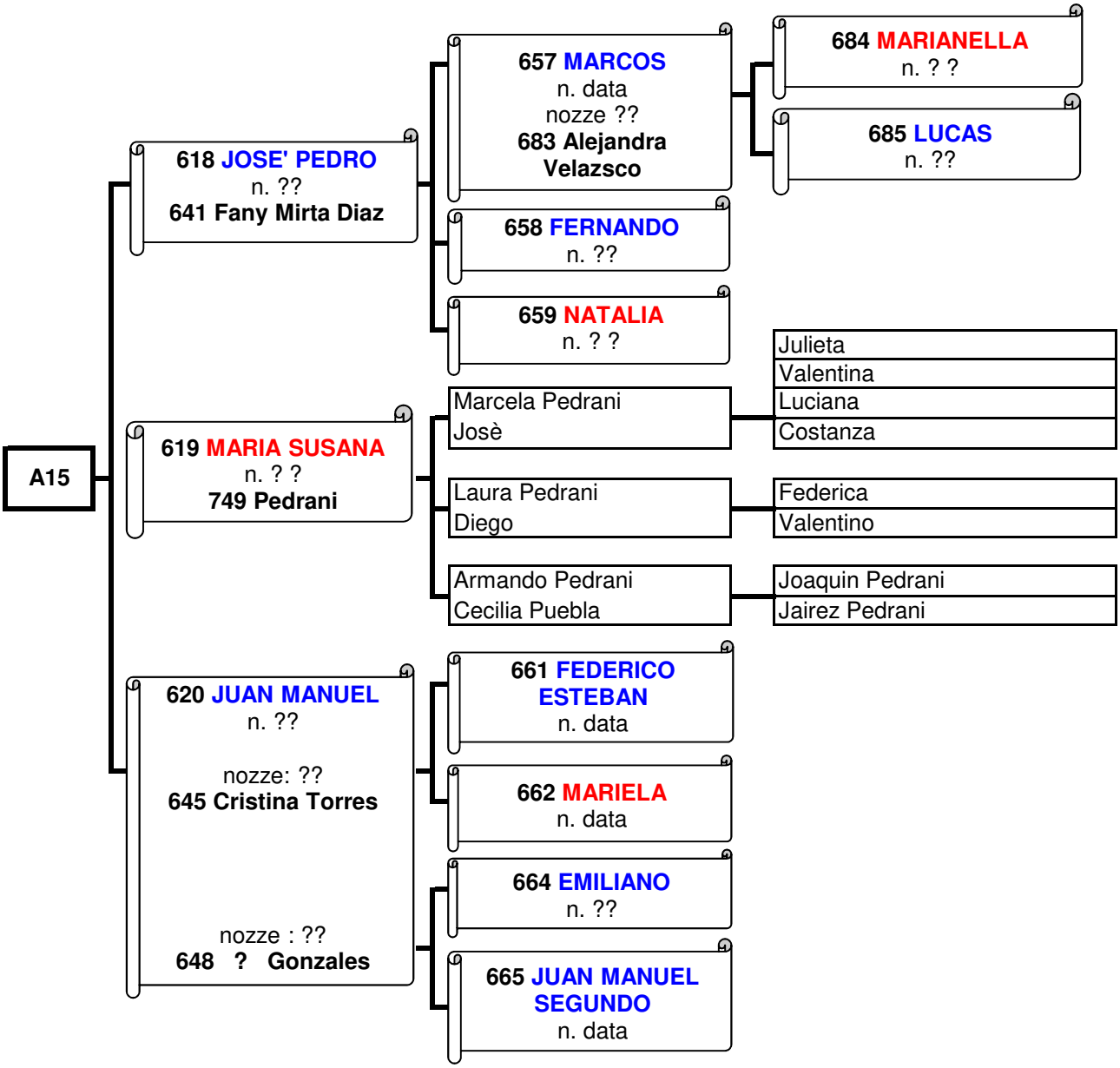RAMO A - schema A20