## Bluebird chick development

first 14 daysby Jack Bartholmai & Pat Ready

This series of images uses "wing development" as an aid in age estimation. Conditions such as food supply, temperature, number of siblings and other factors might alter the development time a + / - of at least one day for each image after day one. When chicks first hatch they are naked, eyes are closed and they barely can raise their head but they are able to open thier mouths to be fed. Between the 5th and 10th day the chicks are most vunerable to cold temperatures when the female stops brooding them. If they get too chilled and listless they won't raise their heads when the adult birds bring them food and may starve. Both adults may stop feeding them and abandon the nest if they don't respond. Monitoring should stop after the 12th day to prevent premature fledging. Normally by the 18th day they are fledged.



All photos by Jack Bartholmai

