

Table 2. Timing of Major Milestones in Pituitary and Pineal Gland Development.

Parameter	Age (Day)
Pituitary gland (Rathke's pouch) forms from oral ectoderm	8.5
Pituitary gland (Rathke's pouch) contacts infundibulum (Figures 5 and 8A)	9.5–9.75
Pineal gland initiation	11.5
Pituitary gland (Rathke's pouch) loses connection with oral ectoderm (Figure 8B)	12.0
Pituitary gland parts—adenohypophysis (pars distalis), pars intermedia, and neurohypophysis (pars nervosa)—clearly distinguishable (Figure 8C)	13.5
Pineal gland expands (Figure 15B)	13.5–14.0

Source: Data adapted from values reviewed in references nos. (DeSesso 2006; Hoar and Monie 1981; Theiler 1972; Nishimura and Shiota 1977; Szabo 1989). Reproduced with minor modifications from Bolon and Ward (2015).

Note: Values represent the day(s) of development. Numbers without associated letters denote embryonic days (E), while numbers with “PND” denote postnatal days.

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