

TABLE 1

No.	1 August	4 August	6 August	9 August
1	white pupa, nearly black eyes	brown, dark wing pads		moves
2	white pupa, gray eyes	dark eyes		brown
3	white pupa, dark gray eyes	dark wing pads		moves
4	pale yellow pupa, dark gray eyes	brown, dark wing pads	moving legs	nearly black
5	pale brown pupa, appendages yellow	dark brown	moves	dark
6	white pupa, gray eyes	dark eyes		dark
7	white pupa, unpigmented eyes	gray eyes		pale brown
8	white pupa, pale gray eyes	shrivelling		pale brown
9	semi-pupa	became pupa	gray eyes	pale gray

In addition, No. 3 moved his mouthparts on the 7th and No. 1 moved more generally on this day.

An isolated white worker pupa with unpigmented eyes on 1 August had gray eyes on 4 August and dark gray eyes on 8 August and 10 August. The integument became gray on 9 August.

Of three workers in the semi-pupa stage on 5 August, one became a pupa on 7 August and the other two on 9 August, indicating a duration of this stage of 2-3 days at 24° C.

Of a cluster of some 12-15 new eggs on 5 August the first larva developed on 16 August in the same container that held the above males and workers.

All of the above specimens were later preserved when it became clear that development could not proceed further in the absence of the social environment. In the ant colony they would have been licked repeatedly by the workers and moved from place to place. These fragmentary data, however, afford specific developmental times that may be extrapolated to the normal colony.

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