

Supplementary Table 4 Time spent in diapause by Batch 4 offspring

Date each larva placed in nut : 25 Jun. - 05 Jul. 2007

Larva Number	Date Nut Re-opened and diapausing larva present	Date Nut Re-opened (see legend for symbols)	Adult Emergence Date	Number of Months Spent in Diapause
1			? Aug. - 27 Sep. 2007	3
2			? Aug. - 27 Sep. 2007	3
3			? Aug. - 27 Sep. 2007	3
4			? Aug. - 27 Sep. 2007	3
5	01 Oct. 2007		21 Jan. - 22 Apr. 2008	9
6			21 Jan. - 22 Apr. 2008	9
7			22 Apr. - 13 May 2008	11
8	01 Oct. 2007		14 Nov. - 20 Dec. 2008	18
9			14 Nov. - 20 Dec. 2008	18
10			14 Nov. - 20 Dec. 2008	18
11			14 Nov. - 20 Dec. 2008	18
12			14 Nov. - 20 Dec. 2008	18
13			14 Nov. - 20 Dec. 2008	18
14		28 Dec. 2008 (DL)	NA	NA
15		28 Dec. 2008 (LNP)	NA	NA
16	01 Oct. 2007		28 Dec. 2008 - 02 Jan. 2009	18
17			27 Jan. - 21 Feb. 2009	20
18	28 Dec. 2008		21 Feb. - 18 Mar. 2009	21
19			18 Mar. - 10 Jun. 2009	23
20	01 Oct. 2007		18 Mar. - 10 Jun. 2009	23
21			10 Jun. - 04 Jul. 2009	24
22			10 Jun. - 04 Jul. 2009	24
23	01 Oct. 2007		10 Jun. - 04 Jul. 2009	24
24	01 Oct. 2007		10 Jun. - 04 Jul. 2009	24
25			10 Jun. - 04 Jul. 2009	24
26			10 Jun. - 04 Jul. 2009	24
27	02 Jan. 2009		04 - 21 Jul. 2009	25
28			28 Jul. - 03 Aug. 2009	26
29	28 Dec. 2008		23 Aug. - 08 Sep. 2009	27
30	02 Jan. 2009		12 - 25 Nov. 2009	29
31	27 Sep. 2009		12 - 25 Nov. 2009	29
32	28 Dec. 2008		25 Nov. - 08 Dec. 2009	30
33	27 Sep. 2009		14 - 29 Dec. 2009	30
34	28 Dec. 2008		29 Dec. 2009 - 05 Jan. 2010	31
35	01 Oct. 2007		21 - 28 Jan. 2010	31
36	27 Sep. 2009		26 Feb. - 15 May 2010	34
37	01 Oct. 2007		26 Feb. - 15 May 2010	34
38	28 Dec. 2008		26 Feb. - 15 May 2010	34
39	28 Dec. 2008		26 Feb. - 15 May 2010	34
40	28 Dec. 2008		26 Feb. - 15 May 2010	34
41	28 Dec. 2008		26 Feb. - 15 May 2010	34
42	28 Dec. 2008		15 - 27 May 2010	35
43	02 Jan. 2009		15 - 27 May 2010	35
44	27 Sep. 2009		27 May - 01 July 2010	36
45	27 Sep. 2009		27 May - 01 July 2010	36
46	01 Oct. 2007		27 May - 01 July 2010	36

47	02 Jan. 2009		27 May - 01 July 2010	36
48	02 Jan. 2009		01 Jul. - 09 Aug. 2010	37
49	01 Oct. 2007	12 Oct. 2010 (DA)	NA	NA
50	02 Jan. 2009	12 Oct. 2010 (DA)	NA	NA
51	28 Dec. 2008	05 Feb. 2013 (DA)	NA	NA
52	27 Sep. 2009	05 Feb. 2013 (DA)	NA	NA
53		05 Feb. 2013 (DL)	NA	NA

Legend for Supplementary Tables 1-4

Each larva was placed inside the nut on or within three days at most of the day on which it hatched. These nuts artificially infested with larvae were kept in plastic tubs that were examined periodically to note the presence of any adult beetles. These were removed together with the nuts with holes from which they had emerged. For Batches 1-3 (Supplementary Tables 1-3) month of placement was taken to be June 2006 and for Batch 4 (Supplementary Table 4) June 2007 for the purpose of computing the numbers in the column headed “Number of Months Spent in Diapause”. When an adult emerged from the nut five months or less following the month of placement it was considered not to have undergone diapause as a mature larva in spite of being included in this column. As indicated many nuts were re-opened to verify that the larva placed in each had developed to maturity and gone into diapause. Note that Supplementary Table 4 is organised differently from Supplementary Tables 1-3; instead of numbering each individual as it was placed in the nut as a larva, each has been numbered according to the chronological order in which it emerged as an adult.

DA – dead dried adult trapped inside endocarp; DL – dead dried mature larva or pupa inside endocarp; LA – live adult inside endocarp; LP – live pupa inside endocarp; LNP – recently hatched larva never succeeded in penetrating the endosperm or died shortly after penetration without consuming any observable amount of endosperm; NA – not applicable.