

**Supplementary Table 3 Time spent in diapause by Batch 3 offspring**

Larva Number	Date Larva Placed in Nut: Year 2006	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	24 May	01 Jan. 2009		08 - 12 Nov. 2009	41
2	26 May			14 - 21 Jan. 2008	19
3	26 May	01 Jan. 2009		08 - 15 Feb. 2009	32
4	27 May			23 May - 08 Jun. 2008	23
5	27 May	01 Jan. 2009		15 - 20 Feb. 2009	32
6	30 May	01 Jan. 2009		03 - 11 Jan. 2010	43
7	31 May			12 - 27 Nov. 2006	5
8	31 May			01 - 12 Jan. 2009	31
9	31 May	31 Dec. 2008		01 - 10 Feb. 2010	44
10	31 May	01 Jan. 2009		08 - 15 Feb. 2009	32
11	01 Jun.	01 Jan. 2009		08 - 15 Feb. 2009	32
12	01 Jun.		31 Dec. 2008 (DL)	NA	NA
13	01 Jun.			23 Sep. - 26 Oct. 2008	28
14	01 Jun.	31 Dec. 2008		02 - 27 Dec. 2010	54
15	01 Jun.			14 - 21 Jan. 2008	19
16	01 Jun.			05 - 23 May 2008	23
17	01 Jun.			07 - 14 Jan. 2008	19
18	01 Jun.			08 - 19 Mar. 2007	9
19	01 Jun.			14 Nov. - 16 Dec. 2008	30
20	01 Jun.	01 Jan. 2009		08 Oct. - 08 Nov. 2009	40
21	01 Jun.			27 Nov. - 10 Dec. 2006	6
22	01 Jun.			26 Nov. - 17 Dec. 2007	18
23	01 Jun.			08 - 23 Jun. 2008	24
24	01 Jun.	01 Jan. 2009		18 - 25 Jan. 2010	43
25	01 Jun.			07 - 15 Jan 2007	7
26	01 Jun.			05 - 19 Apr. 2008	22
27	01 Jun.		16 Dec. 2008 (LNP)	NA	NA
28	01 Jun.	01 Jan. 2009		03 - 22 Jul. 2009	37
29	02 Jun.	01 Jan. 2009		08 - 12 Nov. 2009	41
30	03 Jun.	01 Jan. 2009		28 Mar. - 24 Apr. 2009	34
31	03 Jun.			16 - 23 Dec. 2008	30
32	03 Jun.			14 Nov. - 16 Dec. 2008	30
33	03 Jun.	01 Jan. 2009		24 Feb. - 13 May 2010	46
34	03 Jun.	01 Jan. 2009		08 Oct. - 08 Nov. 2009	40
35	03 Jun.	01 Jan. 2009		08 - 15 Feb. 2009	32
36	03 Jun.	01 Jan. 2009		03 - 22 Jul. 2009	37
37	03 Jun.			05 - 19 Apr. 2008	22
38	03 Jun.			14 Nov. - 16 Dec. 2008	30
39	04 Jun.		01 Jan. 2009 (LNP)	NA	NA
40	04 Jun.			05 - 23 May 2008	23
41	04 Jun.		01 Jan. 2009 (DA)	NA	NA
42	04 Jun.	01 Jan. 2009		08 - 15 Feb. 2009	32
43	04 Jun.			26 Nov. - 17 Dec. 2007	18
44	04 Jun.			14 Nov. - 16 Dec. 2008	30
45	04 Jun.	01 Jan. 2009		03 - 22 Jul. 2009	37
46	04 Jun.			19 Apr. - 05 May 2008	22
47	04 Jun.		15 Feb. 2009 (DL)	NA	NA
48	06 Jun.			14 Nov. - 16 Dec. 2008	30

49	06 Jun.	01 Jan. 2009		24 Feb. - 13 May 2010	46
50	06 Jun.			14 Nov. - 16 Dec. 2008	30
51	06 Jun.			03 - 30 Jun. 2007	12
52	07 Jun.	01 Jan. 2009		24 Feb. - 13 May 2010	46
53	08 Jun.		21 Feb. 2009 (DL)	NA	NA
54	08 Jun.			14 Nov. - 16 Dec. 2008	30
55	16 Jun.		01 Jan. 2009 (LNP)	NA	NA
56	16 Jun.			07 - 23 Sep. 2008	27
57	17 Jun.	01 Jan. 2009		20 - 26 Feb. 2009	32
58	18 Jun.	12 Nov. 2006		14 Nov. - 16 Dec. 2008	30
59	18 Jun.	01 Jan. 2009		15 - 20 Feb. 2009	32
60	18 Jun.			26 Nov. - 17 Dec. 2007	18
61	18 Jun.	01 Jan. 2009		26 Feb. - 06 Mar. 2009	33
62	19 Jun.			01 Jan. - 16 Feb. 2009	31
63	19 Jun.	01 Jan. 2009		24 Apr. - 12 Jun. 2009	35
64	20 Jun.			23 May - 08 Jun. 2008	23
65	20 Jun.	01 Jan. 2009		24 Apr. - 12 Jun. 2009	35

### 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.