

Table 2. Mode of development of *Dermestes* spp. on various diets.

| diet (food) | sex of individuals reared | number of observations | average duration of larval stage | number of moult | average duration of pupal stage | duration of development from egg to adult in days | | | lengths of adults bred | longevity of adults in days | | mortality |
|--|------------------------------|---------------------------|-------------------------------------|--------------------|------------------------------------|---|------|-------|---------------------------|--------------------------------|------|-----------|
| | | | | | | min. | max. | aver. | | mm | max. | |
| <i>Dermestes maculatus</i> | | | | | | | | | | | | |
| unsalted dried fish (ikan tembang tawar) | ♀ | 9 | 34 | 6-8 | 7 | 42 | 47 | 44 | 7-8 | 69 | 57 | 0 |
| | ♂ | 11 | 34 | 6-8 | 7 | 42 | 48 | 43 | 7-8 | 69 | 54 | |
| unsalted dried meat (dendeng tawar) | ♀ | 10 | 24 | 6 | 7 | 30 | 35 | 34 | 8-10 | 160 | 82 | 0 |
| | ♂ | 10 | 24 | 6 | 7 | 33 | 35 | 34 | 8-10 | 165 | 84 | |
| goat skin (kulit kambing) | ♀ | 12 | 54 | 8-10 | 8 | 55 | 75 | 65 | 8-10 | 152 | 65 | 0 |
| | ♂ | 8 | 50 | 8-10 | 8 | 50 | 70 | 61 | 9-10 | 79 | 64 | |
| slightly salted dried meat (dendeng manis asin) | ♂ | 7 | 69 | 10-12 | 8 | 65 | 95 | 80 | 7½-9 | 55 | 42 | 43% |
| | ♂ | 10 | 64 | 8-10 | 8 | 52 | 83 | 75 | 7-9 | 61 | 43 | |
| <i>Dermestes ater</i> | | | | | | | | | | | | |
| unsalted dried fish (ikan tembang tawar) | ♀ | 11 | 36 | 6-7 | 8 | 39 | 68 | 47 | 6-8 | 71 | 49 | 0 |
| | ♂ | 9 | 35 | 6-7 | 8 | 41 | 64 | 46 | 7-8 | 63 | 53 | |
| unsalted dried meat (dendeng tawar) | ♀ | 12 | 44 | 6 | 8 | 44 | 58 | 53 | 8-10 | 207 | 137 | 0 |
| | ♂ | 8 | 43 | 6 | 8 | 43 | 61 | 54 | 8-9 | 199 | 153 | |
| goat skin (kulit kambing) | ♀ | 18 | 54 | 7-14 | 9 | 50 | 94 | 66 | 7-10 | 71 | 38 | 27% |
| | ♂ | 11 | 49 | 6-12 | 8 | 47 | 80 | 60 | 7-10 | 133 | 41 | |
| slightly salted dried meat (dendeng manis asin) | ♀ | 7 | 87 | 10-14 | 8 | 61 | 131 | 98 | 8-10 | 84 | 42 | 37% |
| | ♂ | 12 | 78 | 10-14 | 8 | 66 | 113 | 97 | 7-10 | 81 | 33 | |

D. maculatus by GAY (1938, as quoted by HINTON, 1945)¹⁾ when larvae were reared on fish meal of 46% moisture content, at 27° C, 70% relative humidity. He found an even shorter duration of the larval period, viz. 18 days when the larvae were fed on yeast and salts, and 19-34 (23) days when they were fed on yeast, salts and cholesterol.

Enige belangrijke Macrolepidoptera-vangsten te Apeldoorn in 1953. 1. *Eupithesia irri-quata* Hb. 30.IV tot 2.V. vijf exemplaren tegen beukenstammen in de omgeving van de Dassenberg. 2. *Harpyia bicuspis* Bkh. 19.VI op licht. 3. *Apamea furva* Schiff. 25.VII op smeer in de omgeving van de Harskamp. 4. *Atetbmia xerampelina* Esp. 1.IX op licht. 5. *Oporinia christyi* Prout. 30.X op licht. Dit exemplaar had ik eerst voor *Oporinia dilutata* Schiff. aangezien, maar het bleek bij nadere determinatie door de Heer LEMPKE *O. christyi* te zijn. 6. Evenals verleden jaar was *Cryphia rapricula* Schiff. in Juli en Augustus gewoon op licht, evenwel nog niet waargenomen te Vaassen (9 km ten Noorden van Apeldoorn). W. H. SOUTENDIJK, Tutein Noltheniuslaan 41, Apeldoorn.

¹⁾ HINTON, H. E., A Monograph of the Beetles associated with stored Products, Vol. I. 1945.