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Ketahanan Hidup Di Alam Tiga Spesies Nyamuk Anopheles Vektor Malaria di Indonesia

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Abstrak

A Study on the longevity of three anophelines species were carried out in Buleleng regency, Bali province. The objective of this study was to detect the longevity of three anophelines species malaria vectors in Indonesia, i.e.: *Anopheles aconitus*, *An. subpictus* and *An. sundaicus*. Collections of natural specimen were done by three methods: (1) man-biting-catches, (2) night resting catches around cattle shelters, and (3) morning indoor resting catches. All specimens collected were then brought and dissected in the laboratory for defining dilatations. The result shown that the oldest of *An. aconitus* found in Buleleng regency, Bali province, was with 7 dilatations, estimated as about 21 days old; the oldest *An. subpictus* with 9 dilatations, estimated as about 27 days old; while for *An. sundaci* was 8 dilatations, estimated as about 24 days old. The conclusion of this study shown that the oldest of *An. aconitus* reach 21 days, *An. subpictus* reach 27 days, and *An. sundaci* reach 24 days.