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## Tropical Medicine and Health

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### **Malaria epidemiology and control methods in specific foci in Lombok and Sumbawa islands of Indonesia;**

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**Abstract:** Malaria epidemiological surveys were carried out in two of Lombok island and Utan of Sumbawa island, Indonesia in 2002. Meninting, distribution of hypo- to meso- endemicity was observed in coastal areas and partially in coastal areas with no distribution in the more c

areas surrounded by rice fields. In contrast, in Utan the distribution of malaria is more common in coastal areas. In Utan, treatment follow-up studies revealed the presence of drug-resistant *Plasmodium falciparum* (*P. f.*). Although the degree of malaria endemicity in the two areas was regarded as hypo- to meso-endemic, the majority of cases were under the age of ten, and the number of positive cases declined over time. Interestingly, age dependence to species-specific infection was observed, with children being more prone to *P. vivax* infections than to *P. f.*

**Key words:** [malaria](#), [epidemiology](#), [Lombok island](#), [Sumbawa island](#)

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