

Table 2

Known anopheline vectors and potential vectors of malaria, Japanese encephalitis, and lymphatic filariasis in Thailand and neighboring countries.

| Disease/vector | Vector in Thailand* | Vector elsewhere | References |
|---|---------------------|------------------|--|
| Malaria | | | |
| <i>An. aconitus</i> | x | x | Gould <i>et al.</i> , 1967; Green <i>et al.</i> , 1991; Maheswary <i>et al.</i> , 1992 |
| <i>An. annularis</i> | (x) | x | Ghosh <i>et al.</i> , 1985; Baker <i>et al.</i> , 1987 |
| <i>An. campestris</i> | (x) | - | Coleman <i>et al.</i> , 2002 |
| <i>An. culicifacies</i> | - | x | Ramachandra Rao, 1984; Subbarao, 1988 |
| <i>An. dirus</i> | x | x | Scanlon and Sandhinand, 1965 as <i>balabacensis</i> ; Rosenberg <i>et al.</i> , 1990; Green <i>et al.</i> , 1991 |
| <i>An. baimaii</i> (=dirus D) | x | - | Green <i>et al.</i> , 1991 |
| <i>An. hodgkini</i> | (x) | - | Coleman <i>et al.</i> , 2002 |
| <i>An. karwari</i> | [x] | - | Rosenberg <i>et al.</i> , 1990 |
| <i>An. kochi</i> | (x) | x | Wattal, 1961; Baker <i>et al.</i> , 1987; O'Guinn and Coleman, unpublished data |
| <i>An. maculatus</i> | [x] | x | Scanlon <i>et al.</i> , 1968; Delorme <i>et al.</i> , 1989; Green <i>et al.</i> , 1991 |
| <i>An. minimus</i> | x | x | Harrison, 1980; Green <i>et al.</i> , 1991; Rattanarithikul <i>et al.</i> , 1996 |
| <i>An. nivipes</i> | (x) | - | Harbach <i>et al.</i> , 1987; Rattanarithikul <i>et al.</i> , 1996 |
| <i>An. philippinensis</i> | [x] | x | Elias <i>et al.</i> , 1987; Rosenberg <i>et al.</i> , 1990; O'Guinn and Coleman, unpublished data |
| <i>An. pseudowillmori</i> | x | - | Green <i>et al.</i> , 1991 |
| <i>An. stephensi</i> | - | x | Ramachandra, 1984 |
| <i>An. subpictus</i> | - | x | Kirnowardoyo, 1985; Amerasinghe <i>et al.</i> , 1992 |
| <i>An. epiroticus</i> (= <i>sundaicus</i> A) | [x] | x | Scanlon <i>et al.</i> , 1968; Reid, 1968 |
| <i>An. tessellatus</i> | [x] | x | Harinasuta <i>et al.</i> , 1976; Ramachandra, 1984 |
| <i>An. sawadwongporni</i> | (x) | - | Rattanarithikul <i>et al.</i> , 1996; Somboon <i>et al.</i> , 1998; Coleman <i>et al.</i> , 2002 |

Table 2 (Continued).

| Disease/vector | Vector in Thailand* | Vector elsewhere | References |
|------------------------------|---------------------|------------------|--|
| <i>An. vagus</i> | (x) | x | Ramachandra, 1984; Baker <i>et al.</i> , 1987 |
| <i>An. willmori</i> | - | x | Pradhan <i>et al.</i> , 1970 |
| Barbirostris Group | [x] | x | Harrison and Scanlon, 1975; Rattanarithikul <i>et al.</i> , 1996a |
| Hyrceanus Group | (x) | x | Harrison and Scanlon, 1975; Rattanarithikul <i>et al.</i> , 1996a |
| Umbrosus Group | - | x | Harrison and Scanlon, 1975; Khoon, 1985 |
| Japanese encephalitis | | | |
| <i>An. annularis</i> | - | x | Ksiazek <i>et al.</i> , 1980; Olson <i>et al.</i> , 1985; Sucharit <i>et al.</i> , 1989 |
| <i>An. peditaeniatus</i> | - | x | Mourga <i>et al.</i> , 1989 |
| <i>An. sinensis</i> | - | x | Zhang, 1990 |
| <i>An. subpictus</i> | - | x | Dhanda <i>et al.</i> , 1997 |
| <i>An. tessellatus</i> | - | x | Banerjee <i>et al.</i> , 1977 |
| <i>An. vagus</i> | - | x | Olson <i>et al.</i> , 1985; Sucharit <i>et al.</i> , 1989 |
| Barbirostris Group | - | x | Ramachandra, 1984 |
| Hyrceanus Group | - | x | Ramachandra, 1984 |
| Umbrosus Group | - | x | Ramachandra, 1984 |
| Filariasis | | | |
| <i>An. annularis</i> | - | x | Ramachandra, 1984 |
| <i>An. campestris</i> | - | x | Suvannadabba, 1993 |
| <i>An. maculatus</i> | - | x | Cheong and Omar, 1965 |
| <i>An. tessellatus</i> | - | x | Iyengar, 1953 |
| <i>An. subpictus</i> | - | x | Lee <i>et al.</i> , 1983 |
| <i>An. varuna</i> | - | x | Ramachandra, 1984 |
| Barbirostris Group | - | x | Lee <i>et al.</i> , 1983; Ramachandra Rao, 1984 |
| Hyrceanus Group | - | x | Ramachandra Rao, 1984; Zang <i>et al.</i> , 1991 |
| Umbrosus Group | - | x | Wharton, 1960; Harrison and Scanlon, 1975 |

* For malaria only, x = sporozoites in the salivary glands, [x] = oocysts, (x) = ELISA