**Supplemental Table 1:**

Traditional medicinal uses of *Ixora* species

|  |  |  |  |
| --- | --- | --- | --- |
| **Species** | **Part** | **Condition treated** | **References** |
| *I. brunonis* | root | restoration, muscle soreness fever remedies  | *Neamsuvan, Tanthien & Petchboon, 2014**Jantarapol, Tanthien & Neamsuvan, 2014* |
| *I. cibdela* | root | phlegm treatment rheumatoid arthritis | *Tiengburanatam, 1999**Chamchumroon, 2004* |
|  | stem  | eardrop to kill centipedes | *Tiengburanatam, 1999* |
|  | leaves | anthelmintic treatment  | *Tiengburanatam, 1999* |
|  | flower | ophthalmic diseases  | *Tiengburanatam, 1999* |
|  | fruit | nasal polyps treatment  | *Tiengburanatam, 1999* |
| *I. fusca* | root | increase the amount of hemoglobin  | *Chamchumroon, 2004* |
| *I. grandifolia* | leaves | sprain, eczema, boils, concussions, wounds, skin ulcer  | *Karat et al., 2013* |
| *I. javanica*  | rootleavesflower | restoration fever remedies antipyretic cancer treatment  restoration cancer treatment  | *Neamsuvan, Tanthien & Petchboon, 2014**Jantarapol, Tanthien & Neamsuvan, 2014**Chamchumroon, 2004**Karat et al., 2013**Neamsuvan, Tanthien & Petchboon, 2014**Karat et al., 2013* |
|  |
|  |
| *I. lobbii* | root | restoration, nosebleed, swelling, phlegm treatment  | *Tiengburanatam, 1999* |
| *I. nigricans* | root | dysentery, diuretics diarrhea, ear infections, remedy for unconsciousness, vomiting over bleeding  | *Chamchumroon, 2004**Yusuf, 2009* |
|  | leaves | boils treatment, dysentery, remedy for unconsciousness  | *Yusuf, 2009* |

*Ixora* species for antibacterial test selected from their list of traditional uses.