**Supplement Table 2. General morphological characteristics of *Amorphophallus paeoniifolius* in India, Indonesia and Thailand populations**.

|  |  |  |
| --- | --- | --- |
| **Main characters** | **Description** | **Distribution in populationa** |
| **Petiole** |  |  |
| * Color
 | * Light green
 | India, Indonesia, Thailand |
| * Green
 | India, Indonesia, Thailand |
| * Green-pinkish
 | KUN, YOG2 |
| * Green-greyish
 | YOG1, YOG2 |
| * Dark green
 | India, Indonesia, Thailand |
| * Blackish green
 | Indonesia, Thailand |
| * Blackish pinkish
 | KUN, BALs, LOMBs |
| * Maximum height (cm)
 | * < 150 cm
 | India, Indonesia, Thailand  |
| * > 200 cm
 | RAYs, MAEs, KUN, MED |
| * Roughness
 | * Smooth
 | India, Indonesia, Thailand |
| * Rough
 | India, Indonesia, Thailand |
| * Very rough
 | LOMBs, MED |
| * Spot size on petiole
 | * Small (diameter <2 cm)
 | India, Indonesia, Thailand |
| * Large (diameter ≥ 2 cm)
 | India, Indonesia, Thailand |
| * Additional color at tripartite branch
 | * Absent
 | India, Indonesia, Thailand |
| * Present (pink, black)
 | KUN, YOGs, BAL1, MED |
| * Sap color
 | * Colorless
 | India, Indonesia, Thailand |
| * Pinkish
 | KUN, YOGs, BAL1, MED, RAYs |
| **Leaf blade** |  |  |
| * Leaflets size
 | * Small (width < 5 cm)
 | India, Indonesia, Thailand |
| * Large (width ≥ 5 cm)
 | India, Indonesia, Thailand |
| * Shiny leaflets
 | * Absent
 | India, Indonesia, Thailand |
| * Present
 | India, Indonesia |
| **Corm**b |  |  |
| * Cormels production
 | * Absent
 | India, Indonesia, Thailand |
| * Abundant
 | Indonesia, Thailand |
| * Corm shape
 | * Globose
 | India, Indonesia |
| * Depressed globose
 | India, Indonesia, Thailand |
| * Flesh color
 | * White
 | India, Indonesia, Thailand |
| * Light yellow
 | India, Indonesia, Thailand |
| * Light pink
 | India, Indonesia, Thailand |
| * Pink
 | KUN, MED, MAEs |
| * Corm acridityc
 | * Non acrid
 | India, Indonesia, Thailand |
| * Acrid
 | India, Indonesia, Thailand |
| * Very acrid
 | BALs, LOMBs, MED |

a Particular characters belong to general population, otherwise mentioned, b obtained from 3-5 corms at late stage before dormant, c checked qualitatively by back-hand touching: very acrid remains itchy for more than 1 hours.