



| വൃക്ഷം      | അരളി                         |
|-------------|------------------------------|
| ശാസ്ത്രനാമം | <i>Nerium oleander</i> Linn. |
| സസ്യകുടുംബം | Apocynaceae.                 |

**English:** Red Oleander, Rose Bay.

**Uses:** The leaves and roots gave a number of active principles including glycosides, terpenoids, sterols and other compounds. Cardiac steroids, isolated from the leaf, include oleandrin, gentiobiosyl oleandrin, odoroside. The stem contained alanine arginine, aspartic acid, cysteine, glutamic acid, glycine, histidine, leucine, isoleucine, lysine, phenylalanine, proline, serine, threonine, tryptophan, tyrosine and valine. A polysaccharide containing galacturonic acid, rhamnose, arabinose and galactose has been isolated from leaves. Neutral fraction from leaves at low doses caused marked suppression of locomotor activity. Aqueous extract of leaves showed significant antibacterial activity against *Pseudomonas aeruginosa*. The leaves also showed insecticidal activity.