

Kalo Kupuna

Kalo Kupuna – Group Key

- 1a. Leaf margine undulating [2]
- 1b. Leaf margine without distinct undulations [3]
- 2a. Mature leaves ovate, often concave [Kai]
- 2b. Mature leaves saggitate and long relative to width [Lauloa]
- 3a. Leaf sinus connecting to piko, distinct inner petiole ridge [Piko]
- 3b. Leaf sinus shallow and/or no distince petiolar ridge [4]
- 4a. Petioles green, no distinct patterning, leaves saggitate [Lehua]
- 4b. Petioles with mixed colors or patterned or with dark shades, especially red [5]
- 5a. Petioles striped either red-purple on green or green on red-purple, leaves narrow/sagittate [Manini]
- 5b. Petioles not green-red/purple striped or not sagittate leaves [6]
- 6a. Petioles red to purple becoming lighter red/pink near kohina, leaves narrow and small relative to petiole [Ulaula]
- 6b. Colors light or leaves larger and/or wider and/or petioles with darker colors and distinct pattern near kohina [7]
- 7a. Color lighter (not black, red-purple, red-brown), leaves small and verticle, corms branching [Mana]
- 7b. Petioles black to red-purple and/or red-brown with distinct distinct lilac-red rings 3-4 cm above kohina [Eleele]

Japanese

Palauan

Tongan

Samoan

Tahitian

Chinese

Hawaiian

GROUP MANA GROUP PIKO GROUP KAI GROUP LAULOA GROUP ELEELE GROUP ULAULA
GROUP MANINI GROUP LEHUA

Group Reported Extant Māna 16 5 Lauloa 13 5 Lehua 11 4 Kāi/'Ala 12 4 Manini 9 5 Piko/Haehae/Uaua 7 6
Hā-o-kea 6 1 Hāpu'u(pu'u) 6 1 Kūmū/'Ula'ula 6 3 Nāioea/Nohu/'Ele'ele 6 2 Total 92 46

Asian Kā'i Palauan Mana 'Ula'ula Lauloa-Manini

Accession No. Traditional classification Revised classification Geographic Origin 'Iliuaua ("Pake") 4 — Asian ? Bun-long 5 — Asian China 'Āweu ("wild taro") 6 — — Hawai'i Kakakura 7 — 'Ula'ula South Pacific Mana 'Ulu 8 Mana Mana Hawai'i Mana 'Ōpelu 9 Mana Mana Hawai'i Mana Uliuli 11 Mana Mana South Pacific Mana 'Ula'ula 12 Mana Mana Hawai'i Mana Lauhoa 13 Mana Mana Hawai'i Mana Ke'oke'o 14 Mana Mana Hawai'i Piko Lehua Apei 16 Piko Mana Hawai'i Piko Kea 18 Piko Lehua Hawai'i Piko Ke'oke'o 19 Piko Lehua Hawai'i Piko Uaua 20 Piko Lehua Hawai'i Piko Uliuli 21 Piko Lehua Hawai'i Piko 'Ele'ele 22 Piko Lauhoa-Manini Hawai'i 'Elepaio Hā Kea 23 — Lehua Hawai'i Uahiapele 24 — Lauhoa-Manini Hawai'i Manapiko 25 — Mana Hawai'i Tahitian 26 — Mana South Pacific Kāi Uliuli 27 Kāi Kāi Hawai'i Kāi Kea 29 Kāi Kāi Hawai'i 'Apuwai 30 — Lehua Hawai'i Pi'i'ali'i 32 — Lehua Hawai'i Pa'akai 33 — Lehua Hawai'i Moana 34 — Lehua Hawai'i Akuugawai 35 — Lauhoa-Manini South Pacific Lauhoa 'Ele'ele 'Ōma'o 36 Lauhoa Lauhoa-Manini Hawai'i Lauhoa 'Ele'ele 'Ula 37 Lauhoa Lauhoa-Manini Hawai'i Lauhoa Palakea 'Ele'ele 38 Lauhoa Lauhoa-Manini Hawai'i Lauhoa Palakea 'Ula 39 Lauhoa Lauhoa-Manini Hawai'i Lauhoa Palakea Papamū 40 Lauhoa Lauhoa-Manini Hawai'i Lauhoa Palakea Ke'oke'o 41 Lauhoa Lehua Hawai'i Lauhoa Ke'oke'o 42 Lauhoa Lehua Hawai'i 'Ele'ele Mākoko 43 'Ele'ele Lehua Hawai'i 'Ele'ele Naioea 44 'Ele'ele Lehua Hawai'i Manini 'Ōwali 45 — Lauhoa-Manini Hawai'i Kūmū 'Ele'ele 46 — Lauhoa-Manini Hawai'i Nāwao 47 — Lehua Hawai'i 'Ula'ula Kūmū 48 'Ula'ula 'Ula'ula Hawai'i 'Ula'ula Poni 49 'Ula'ula 'Ula'ula Hawai'i 'Ula'ula Moano 50 'Ula'ula 'Ula'ula Hawai'i Niue 'Ula'ula 51 — 'Ula'ula South Pacific 'O'opukai 52 — 'Ula'ula Hawai'i Manini Uliuli 53 Manini Lauhoa-Manini Hawai'i Manini Kea 54 Manini Lauhoa-Manini Hawai'i Pāpākolea Koa'e 56 — Lehua Hawai'i Nihopu'u 58 — Lauhoa-Manini Hawai'i Manini 'Ōpelu 59 — Lauhoa-Manini Hawai'i Lehua Ke'oke'o 64 Lehua Lehua Hawai'i Lehua 'Ele'ele 65 Lehua Lehua Hawai'i Lehua Pala'i'i 66 Lehua Lehua Hawai'i 'Apowale 67 — Lehua Hawai'i Wehiwa 68 — Lehua Hawai'i Papapueo 69 — Lehua Hawai'i Kū'oho 70 — Lehua Hawai'i Māea 72 — Lehua Hawai'i Haokea 73 — Lehua Hawai'i Hāpu'u 75 — Lehua Hawai'i False Lihilihimōlina 78 — — Hawai'i Mana 'Oko'a 80 — Mana Hawai'i Moi 81 — Lehua Hawai'i Pololū 84 — Lehua Hawai'i Moi 'Ula'ula n/a n/a Lehua Hawai'i Makalau (Moloka'i) n/a n/a Mana Hawai'i Ngesuas (P-1) n/a n/a Palauan Palau Ochelochel (P-7) n/a n/a Palauan Palau Ngeruuch (P-10) n/a n/a Palauan Palau Merii (P-12) n/a n/a Palauan Palau Dirratengadik (P-20) n/a n/a Palauan Palau