

DIAGNOSES OF SOME PHANEROGAMAE

HAWAIIAN PLANT STUDIES 165

Harold St. John
Bishop Museum, Box 19000A, Honolulu, Hawaii 96817, USA

The types are in the Bishop Museum, Honolulu.

Gramineae

Eragrostis Hobdyi sp. nov. Planta perennis caespitosa 34-40 cm alta est, culmis glabris, foliis basilaribus cum vaginis 14-16 mm longis, laminis 7-25 mm longis, foliis caulinaribus 3 cum vaginis 4.5-5 cm longis glabris ligulis pilis 0.3 mm longis, laminis 30-45 cm longis 5-6 mm latis sed mox involutis et in aspectu 1-2 mm latis glabris paniculis 13 X 1.5-2 mm 6-7-floriferis. gluma exteriori 2 mm longa lanceolata glabra, palea 1-1.2 mm longa elliptica costis binis ciliatis. Typus: Molokai I., Kikipua, R. Hobdy 2,158.

E. molokaiensis sp. nov. Planta perennis 20-40 cm alta glabra est, foliis basilaribus multis, ligulis ciliatis, laminis 5-6 X 0.1-0.2 cm involutis supra pilosulis infra in nervis scabris, foliis caulinaribus 1-2, paniculis 8-15 X 3-9 cm ovoideis ramis 2.5-6 cm longis scabris, pedicellis 2-10 mm longis, spiculis 4-6 mm longis 5-9-floriferis elliptoideis, gluma exteriori 1.5 mm longa 3-nervosa, lemmis 1.7-2 mm longis lanceo-ovatis 3-nervosis ciliolatis. Typus: Maui I., Haleakala, J. Henrickson 3,947.

Palmae

Pritchardia limahuliensis sp. nov. Arbor est, petiolis 92 X 7 cm hinuleo-tomentosis, laminis 80 cm longis parte indivisa 45 cm longa plicis 46 segmentis centralibus in basi 22 mm latis cum lepidiis 0.1-0.2 mm longis ellipticis, pedunculo 26-50 cm longo, bracteis superis 30 cm longis lanceolatis tomentosis, floribus 6-6.5 mm longis, calycibus 2 mm longis 3-dentatis, petalis 3 X 1.8 mm ellipticis, antheris 2.5 mm longis, drupis 16-19 X 12-15 mm ellipsoideis, endocarpio 0.2 mm crasso, endospermo 12 X 19 mm albo. Typus: Kauai I., Limahuli Valley, Perlman & Wichman 7.

Caryophyllaceae

Schiedea kauaiensis sp. nov. Frutex 1 m altus glaber est, foliis oppositis, petiolis 3-5 mm longis, laminis 3.7-10 X 1.4-2.1 cm coriaceis ellipticis in apicibus ambis acutis 1-costatis nervis minoribus diffusis, paniculis 24-30 cm longis 7-14 cm latis, pedunculo 5-9 cm longo, ramis lateralibus 5-9 cm longis horizontalibus, pedicellis 5-15 mm longis puberulis, sepalis 2.2-3 mm longis lanceolatis puberulis. Typus: Kauai I., C. Christensen 290.

S. Obatae sp. nov. Frutex glaber est, foliis sessilibus 4-8 X 0.3-0.8 cm ligulati-ellipticis apicibus ambis acutis midnervo forti nervis secundariis obscuris reticulatis, panícula 6-10.5 X 0.1-0.3 cm glabro, pedicellis 2-4 mm longis, sepalis 2 mm longis ovatis acutis, nectariis 2 mm longis linearibus integribus. Typus Oahu I., J. Obata 368.

S. Wichmanii sp. nov. Frutex est, herbis glabris, petiolis 3-6 mm longis, laminis 4-9 X 1.4-2.8 cm elliptici-lanceolatis basi cuneata l-nervosis, inflorescentia ad 25 cm longa puberula, pedicellis 3-12 mm longis, sepalis 3 mm longis lanceolatis acuminatis puberulis, nectariis cum basi 0.5 mm longa pulviniformi bilobata tubo lineari bidentato, staminibus 10, filamentis 4 mm longis, antheris 0.7 mm longis elliptici-ovoideis, stylis 4 mm longis filiformibus cum apice spathulato. Typus: Kauai I., Perlman & Wichman 219.

Pittosporaceae

Pittosporum radiculatum sp. nov. Arbor est, ramulis tomentosis, petiolis 15-35 mm longis laminis 4.5-8 X 1.1-2.5 cm coriaceis oblanceolatis obtusis basi cuneata longe decurrenti supra glabris reticulatis infra ferruginose tomentosis margine revoluta, inflorescentiis lateralibus tomentosis, bracteis linearibus, sepalis 5 mm longis lanceolatis, petalis 15 mm longis albis glabris, capsulis 1.8-2.4 X 2-2.4 X 1.3 cm oblongo-orbicularibus rugosis glabris, seminibus 3.5-4 mm longis. Typus: Hawaii I., Volano Natl. Park, J. Jacobi & Thorne 275.

Fabaceae

Canavalia mauiensis sp. nov. Liana est, ramulis glabris, petiolis 35-45 mm longis glabris, foliolis lateralibus cum petiolulis 5-8 mm longis glabris, laminis 7-10.5 X 4.7-6.4 cm ovatis subinconcinnis acuminatis glabris, foliolo terminali cum petiolulo 7-10 mm longo, stipelis 9 mm longis linearibus, laminis 8-11 X 5.2-6.8 cm ellipticis ad apicem acuminatum deminuenti, floribus "violaceis," pedicellis 2 mm longis, calycibus 20 mm longis tubo 7-8 mm longo pilosulo lobis superis 14 mm longis loba infera 5 mm longa lanceolata, vexillo 35 mm longo, alis 31 mm longis, carina 35 mm longa. Typus: Maui I., Paunau, K. M. Nagata et al. 1,669.



St. John, Harold. 1988. "Diagnoses of some Phanerogamae: Hawaiian Plant Studies 165." *Phytologia* 64, 177–178. <https://doi.org/10.5962/bhl.part.16899>.

View This Item Online: <https://www.biodiversitylibrary.org/item/46821>

DOI: <https://doi.org/10.5962/bhl.part.16899>

Permalink: <https://www.biodiversitylibrary.org/partpdf/16899>

Holding Institution

New York Botanical Garden, LuEsther T. Mertz Library

Sponsored by

The LuEsther T Mertz Library, the New York Botanical Garden

Copyright & Reuse

Copyright Status: In copyright. Digitized with the permission of the rights holder.

Rights Holder: Phytologia

License: <http://creativecommons.org/licenses/by-nc-sa/3.0/>

Rights: <https://biodiversitylibrary.org/permissions>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.