

琉球大学学術リポジトリ

久米島の羊歯植物

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Pteridophyta of Kume-jima

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Kume-jima Isle measuring 29 miles round lies 48 sea-miles south-west from Naha, Greater parts of this isle belong to Shimajiri formation, which is made mostly of the andesite. There are only two hills in this isle, Uegusukudake (309 m) and Aradake (289 m), and the other part is nearly flat. Here we may list up the plants growing in all areas in this isle as follows.

PTERIDOPHYTA

MARATTIACEAE

Angiopteris suboppositifolia De Vries

OPHIOGLOSSACEAE

Helminthostachys zeylanica (L.) Hook.

Ophioglossum littorale Makino

O. vulgatum L.

HYMENOPHYLLACEAE

Cephalomanes javanicum Presl (K)

Gonocormus minutus V. d. Bosch

Mecodium riukiense Copel.

Microgonium omphalodes Vielle (K)

CYATHEACEAE

Alsophila denticulata Baker (K)

A. podophylla Hook. (K)

A. pustulosa Chr. (K)

Cyathea Fauriei Copel.

DICSONIACEAE

Cibotium barometz J. Sm.

CHEIROPLEURACEAE

Cheiropleuria bicupsis (BL) Presl.

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(K) From a list of ferns of Kume-jima isle by Kikusato (1957).

POLYPODIACEAE

- Abacopteris liukiuensis* Tagawa
A. triphylla Ching
Adiantum Capillus - Veneris L.
A. flabellulatum L.
Blechnum orientale Presl
Bolbitis subcordata Ching
Colysis elliptica Ching
C. pothifolia (H) P.
C. shintensis (H) H. I. (K)
C. Wrightii Ching
Cornopteris decurrenti-alata Nakai
Ctenitis Eatoni Ching
C. subglandulosa Ching
Cyclosorus acuminatus Nakai
C. goggilatus Farwell
C. Parasiticus Farwell
Cyrtomium falcatum Presl
Dictyocline Griffithii More (K)
Diplazium Donianum Tardeu-Blot (K)
D. graminifolium Presl (K)
D. lanceum Presl
 var. crenatum Makino
D. oshimense H. Ito
Dryopteris erythrosora O. Kuntze
 var. Koidzumiana H. Ito
 var. purpurascens H. Ito
D. sordidipes Tagawa
D. varia O. Kuntze
Lastrea glanduligera Moore
 var. hyalostegia H. Ito
Lemmaphyllum microphyllum var. obobatum C. Chr.
Lepisorus Thunbergianus Ching
Leptogramme totta J. Sm.
Lindsaya Chienii Ching
L. commixta Tagawa
L. heterophylla Dyander
L. japonica Diels (K)
Microlepia marginata C. Chr.
M. sligosa (T) Presl
Microsorium Buergerianum Ching
Neottopteris antiqua Masamune
N. nidus (L.) J. S.
Nephrolepis biserrata Schott

- N. cordifolia* L.
Phymatodes scolopendria Ching (K)
Phymatopsis longissima J. Smith (K)
Polypodium hastalum Thunberg (K)
Pteridium aquilium Kuhn
Pteris Cadieri Christ
P. dispar Kunze
P. ensiformis Burmann
P. Fauriei Hieronymus
P. ryukyuensis Tagawa
P. semipinnata Linnaeus
P. Vitta Linnaeus
P. Wallichiana Agardh var. *magna* Tagawa
Pyrrosa lingua Farwell
Rumohra amabilis Ching
R. dimorphophylla H. Ito
Stenoloma biflorum Ching
S. chusanum Ching
Tectaria subutriphylla Copeland (K)
 var. *ebenosa* Nemoto (K)
Vittaria zosterifolia Willdenow (K)
Woodwardia orientalis Swartz var. *formosana* Rosensteck

PARKERIACEAE

- Ceratopteris thalictroides* Brongniart

GLEICHENIACEAE

- Dicranopteris dichotoma* Bernh

LYGODIACEAE

- Lygodium japonicum* Swartz
L. microstachyum Desvaux
 var. *gabrescens* Nakai

SCHIZAEACEAE

- Schizaea Biroi* Richter

OSMUNDACEAE

- Osmunda bromeliaefolia* Copeland
O. japonica Thunb.

MARSILIACEAE

- Marsilea quadrofolia* Linnaeus

SALVINIACEAE

Azolla pinnata R. Brown

LYCOPODIACEAE

Lycopodium carinatum Desvaux Cernuum Linnaeus

L. Serratum Thunberg var. *longepetiolatum* Spring

SELAGINELLACEAE

Selaginella Doederleinii Hieronymus

S. luckuensis Koidzumi

S. tamariscina Spring

S. remotifolia Spring var. *japonica* Koidzumi

PSILOTACEAE

Psilotum nudum Beauvois

The ferns of 85 species which belong to 17 families and 44 genera are indigenous to Kume-jima Isle, Okinawa. The ferns flora of Kume-jima Isle is closely related with those of Okinawa Island, having 82 % in common, while its 49 % is common to Yaeyama-gunto. The northeastern part of Kume-jima Isle is rich in the fern flora, compared with its south-west area. Kume-jima Isle has nothing of endemic species in the ferns flora.