

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES  
OF WILD FAUNA AND FLORA



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Any other business

LIST OF THE AMERICAN *DICKSONIA* SPECIES

1. This document has been prepared by Dr Wolfram Lobin for the Scientific Authority of Germany.

List of the American  
*Dicksonia* species

Dr. Wolfram Lobin, Bonn

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### Status of the genus *Dicksonia* L'Hér.

It has been discussed controversially to which family the genus *Dicksonia* belongs. By now the opinion got accepted that the tree ferns belong to various families and that the genus *Dicksonia* belongs to the family Dicksoniaceae.

Depending on the author the number of genera belonging to the family Dicksoniaceae is given with five or six genera. The only position in question is that of *Calochlaena*. KRAMER & GREEN and others classify *Calochlaena* as single genus, other authors put it as synonym to *Culcita*. The five genera *Cibotium*, *Culcita*, *Cystodium*, *Dicksonia*, and *Thyrsopteris* are generally accepted.

1. *Calochlaena* (Maxon) White & Turner  
Philippines, SO-Asia  
5 species; status problematic (see above), possibly belonging to *Culcita*.
2. *Cibotium* KAULF.  
Central America, Asia, Hawaii  
8-10 species; *C. schiedeii* SCHLECHTENDAHL & CHAMISSO is frequently being cultivated in botanical gardens and (occasionally ?) imported.
3. *Culcita* C. PRESL  
Mexico to Brasil, Australasia, Macronesian Islands, S-Spain  
9 species, inclusive the *Calochlaena* species. If these were excluded, only two species remain with *Culcita*: *C. macrocarpa* C. PRESL, the only indigenous European tree fern species, and *C. conifolia* (HOOK.) MAXON.
4. *Cystodium* J. SM.  
Indonesia (Borneo) to Philippines  
1 species: *C. sorbifolium* (J.E. SM.) J. SM.
5. *Dicksonia* L'HÉR.  
Mexico to Uruguay, St. Helena, New Zealand, Tasmania, Indonesia, New Guinea, Philippines. The highest species diversity is to be found in New Guinea (5 species).  
c. 20 species, three of them in the Neotropical region. *D. sellowiana* and *D. antarctica* are in trade and frequently cultivated in botanical gardens.
6. *Thyrsopteris* KUNZE  
Juan-Fernandez Island (Chile)  
1 species: *T. elegans* KUNZE

#### American *Dicksonia* species list

*D. berteriana* (COLLA) HOOK., Sp. Fil. 1: 67, 1844

*D. externa* SKOTTSB., Nat. Hist. Juan Fernandez and Easter IIs. 2: 763, 1953

*D. sellowiana* HOOK., Sp. Fil. 1: 67, 1844

*D. stuebelii* HIERON., Hedwigia 45: 228, 1906

## Common synonyms list of the American *Dicksonia* species

### *D. berteriana*

No synonyms

### *D. externa* SKOTTSB., Nat. Hist. Juan Fernandez and Easter IIs. 2: 763, 1953

No synonyms

### *D. sellowiana*

- *Balanitum karstenianum* KLOTZSCH
- *D. ghiesbreghtii* MAXON
- *D. gigantea* H. KARST.
- *D. lobularia* H. CHRIST
- *D. navarrensis* H. CHRIST
- *D. sellowiana* var. *arachneoda* SODIRO
- *D. sellowiana* var. *karsteniana* (KLOTZSCH) SODIRO

### *D. stuebelii*

No synonyms

## Distribution of the American *Dicksonia* species

### *D. berteriana*

Juan-Fernandez Island (Chile)

### *D. externa*

Juan-Fernandez Island (Chile)

### *D. sellowiana*

S-Mexico, Costa Rica, El Salvador, Guatemala, Nicaragua, Panama, Honduras, Venezuela, Columbia, Ecuador, Peru, Bolivia, SO-Brasil, Uruguay

### *D. stuebelii*

N-Peru, expectable in Ecuador.

## Complete alphabetical list of the *Dicksonia* species according their geographical distribution

### America:

*D. berteriana*, *D. externa*, *D. sellowiana*, *D. stuebelii*

### Australia:

*D. antarctica*, *D. youngiae*

### Fiji, Samoa:

*D. brackenridgei*

### Indonesia:

*D. blumei*, *D. mollis*

### New Guinea:

*D. archboldii*, *D. grandis*, *D. hieronymi*, *D. lanigera*, *D. sciurus*

### New Caledonia:

*D. baudouini*, *D. thyrsopteroides*

New Zealand:

*D. fibrosa*, *D. lanata*, *D. squarrosa*

Philippines, Indonesia:

*D. mollis*

Samoa, Fiji:

*D. brackenridgei*

St. Helena:

*D. arborescens*

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