

FAURIE'S HAWAIIAN TYPES AT THE BRITISH MUSEUM

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ABSTRACT. Duplicate type specimens in the British Museum (Nat. Hist.), collected in the Hawaiian Islands by U. Faurie and described by Lévillé, are listed. The type status, and the correct name as far as is known, are given for each of the species. One new combination is made *Planchonella sandwicensis* (A. Gray) Pierre var. *molokaiense* (Lévill.) Lauener.

In 1909 the Abbé Urbain Faurie collected plants in Hawaii. Many of his specimens were described as new taxa by Lévillé, but in most cases they represented already existing species. These Faurie specimens seem to have been distributed mainly to the Bishop Museum in Honolulu (BISH), Paris (P), the Arnold Arboretum (A) and the British Museum (BM). More than 70 of the taxa described by Lévillé are represented in the BM.

Many of Lévillé's Hawaiian species have already been dealt with in various parts of the 'Catalogue of the names published by Hector Lévillé' (Lauener in *Notes R.B.G. Edinb.* 23 (1961) onwards); others will be dealt with in future parts of the Catalogue.

I had not previously seen any of the type specimens, but on a recent visit to the BM as many as possible were extracted and the following is a list of those found, arranged in alphabetical order of Lévillé's names, followed by the Faurie number and type status; the correct name, as far as is known by me, is shown in bold type. Some of these types have, in fact, already been seen by specialists.* In a few cases the BM specimens cannot be reconciled with what has been published, so it is possible that the original collections may have been mixed.

I am grateful to the Keeper of the Department of Botany (BM) for allowing me to have the specimens on loan, and to my colleague Miss Heather Paul for her help in searching for and extracting the type specimens.

LIST OF FAURIE TYPE SPECIMENS AT BM

- Bryonia helleri* Lévill. 280—iso. = *Ilex anomala* Hook. & Arn.
Cheirodendron trigynum (Gaud.) Heller var. *hawaiensis* Lévill. 262—iso. = ***Cheirodendron trigynum*** (Gaud.) Heller
Cheirodendron trigynum (Gaud.) Heller var. *kauaiensis* Lévill. 266—iso. = ***Cheirodendron fauriei*** Hochr. F. 266 is also an iso. of *C. fauriei*
Cheirodendron trigynum (Gaud.) Heller var. *mauiense* Lévill. 265—iso.
Clermontia fauriei Lévill. 578—iso. = *C. clermontoides* (Gaud.) Heller
Cnicus hawaiiensis Lévill. 963—iso. = *Cirsium arvense* (L.) Scop.
Coprosma fauriei Lévill. 330—iso.
Coprosma parvifolia Lévill. 324—probably iso. = *C. stephanocarpa* Hillebr.
Crepis molokaiensis Lévill. 974—synt. = *Hypochaeris glabra* L.
Cyanea fauriei Lévill. 565—synt. = *C. coriacea* (A. Gray) Rock var. *fauriei* (Lévill.) E. Wimm.; 591—synt. = *C. coriacea* (A. Gray) Rock var. *hardyi* (Rock) E. Wimm.
Cyanea feddei Lévill. 567—iso. = *C. sylvestris* Heller
Cyanea multispicata Lévill. 576, 594—synt.

* This paper was already in press when the 'Evaluation of H. Lévillé's New Hawaiian Species' by Harold St. John was published in *Phytologia* 45:289-294 (1980).

- Cyanea salicina* Lévl. 569—iso.
- Cyrtandra asaroides* Lévl. 623—synt. = *C. oenobarba* Mann; 624—synt. = *C. oenobarba* Mann var. *petiolaris* Wawra
- Cyrtandra fauriei* Lévl. 632—iso. = *C. lysiosepala* (A. Gray) C.B. Cl. var. *fauriei* (Lévl.) Rock
- Cyrtandra kamoloensis* Lévl. 646—iso = *C. grayana* Hillebr.
- Cyrtandra oahuensis* Lévl. 638—iso.
- Cyrtandra wainihaensis* Lévl. 640—iso.
- Gouldia cirrhopetiolata* Lévl. 344, 416—synt. Name rejected by Fosberg (*Bull. Bishop Mus. Honolulu* 147:64, 1937)
- Hibiscus fauriei* Lévl. 828—iso. = *H. schizopetalus* (Dyer) Hook. f.
- Ipomoea fauriei* Lévl. 1035—synt. = *I. stolonifera* (Cyrill.) J.F. Gmel.
- Kadua herbacea* Lévl. 368—iso = *Hedyotis cookiana* Steud. var. *herbacea* (Lévl.) Fosb.
- Labordea fauriei* Lévl. 713, 717, 718—synt. = *Pisonia umbellifera* (Forst.) Seem.
- Leontopodium japonicum* Thunb. var. *sandwicense* Lévl. 928, 930—synt. = *Gnaphalium japonicum* Thunb.
- Lipochaeta fauriei* Lévl. 1012—iso.
- Lipochaeta variolosa* Lévl. 1008, 1009—synt. = *L. succulenta* (Hook. & Arn.) DC. No. 1008 (P) chosen as lectotype by Gardner in *Rhodora* 81:305 (1979)
- Malva hawaiiensis* Lévl. 858—synt. = *M. moschata* L.
- Myoporum fauriei* Lévl. 677—iso. = *M. sandwicense* A. Gray var. *fauriei* (Lévl.) Kraenzl.
- Myrsine fauriei* Lévl. 422, 423, 427—synt. = *Rapanea lessertiana* (DC.) Degener & Hosaka
- Myrsine molokaiensis* Lévl. 435—iso. = *Planchonella sandwicensis* (A. Gray) Pierre var. *molokaiensis* (Lévl.) Lauener, **comb. nov.** (Syn.: *Sideroxylon spathulatum* Hillebr. var. *molokaiensis* (Lévl.) Rock (1914); *Planchonella sandwicensis* (A. Gray) Pierre var. *spathulata* (Hillebr.) H.J. Lam. (1942))
- Myrsine sandwicensis* A.DC. var. *mauiensis* Lévl. 449—iso. = *Rapanea sandwicensis* (A.DC.) Degener & Hosaka var. *mauiensis* (Lévl.) Degener & Degener
- Myrsine sandwicensis* A.DC. var. *punctata* Lévl. 447—iso. = *Rapanea sandwicensis* (A.DC.) Degener & Hosaka
- Myrsine vanioli* Lévl. 448—iso. = *Rapanea sandwicensis* (A.DC.) Degener & Hosaka
- × *Nania fauriei* Lévl. 27—iso. = *Metrosideros collina* (J. R. & G. Forst.) A. Gray subsp. *polymorpha* (Gaud.) Rock var. *fauriei* (Lévl.) Rock
- × *Nania feddei* Lévl. 32—iso. = *Metrosideros collina* (J. R. & G. Forst.) A. Gray subsp. *polymorpha* (Gaud.) Rock var. *glaberrima* (Lévl.) Rock. According to Rock (*Bot. Bull. Bd. Communs. Agric. For. Hawaii* 4:45, 1917) the *F.* 32 which he saw is *M. tremuloides* (Heller) P. Knuth
- Nania polymorpha* Gaud. var. *glaberrima* Lévl. 24—synt. = *Metrosideros collina* (J. R. & G. Forst.) A. Gray subsp. *polymorpha* (Gaud.) Rock var. *incana* (Lévl.) Rock; 25—synt. = *Metrosideros tremuloides* (Heller) P. Knuth
- Pelea acutivalvata* Lévl. 172—iso. = *P. macropus* Hillebr.
- Pelea fauriei* Lévl. 203, 204—synt. = *P. clusiifolia* A. Gray var. *fauriei* (Lévl.) St. John & Hume. Lévillé (*Fedde, Rep. Sp. Nov.* 10:153, 1911) miscited *F.* 204 as *F.* 104
- Pelea feddei* Lévl. 194 (from Kauai)—holo. Stone (*Phanerog. Mon.* 3:92, 1969) cited the BM specimen as the holotype
- Pelea foetida* Lévl. 193—iso. = *P. molokaiensis* Hillebr.
- Pelea hillebrandii* Lévl. 184—isolecto. (see Stone, B. C. *Notes R.B.G. Edinb.* 27:260, 1967) = *P. anisata* Mann
- Pelea peduncularis* Lévl. 189—iso.
- Pelea sessilis* Lévl. 173—holo. = *P. parvifolia* Hillebr. var. *sessilis* (Lévl.) B. C. Stone. Stone (*Phanerog. Mon.* 3:76, 1969) designated and cited the BM specimen as holotype.
- Pelea singuliflora* Lévl. 194 (from Oahu)—lecto. (designated by B. C. Stone in *Phanerog. Mon.* 3:79, 1969); 195—synt.; 224—synt. = *P. peduncularis* Lévl. *F.* 224 is cited by Stone under *P. wawreana* in the text (loc. cit.), but under *P. peduncularis* in the list of exsiccatae (op. cit., p. 168). The BM sheet of *F.* 195 has had the last figure altered from 3 to 5.
- Peperomia fauriei* Lévl. 108—iso.
- Peperomia helleri* Lévl. 109—iso. = *P. mapulehuana* Yuncker
- Peperomia refractifolia* Lévl. 123—iso. = *P. cookiana* C.DC.
- Pipturus hawaiiensis* Lévl. 508—iso.
- Pittosporum fauriei* Lévl. 18—isolectotype (designated by J. E. Hass in *Allertonia* 1:128, 1977) = *P. glabrum* Hook. & Arn.; 38—synt. = *P. glabrum*
- Plantago gaudichaudiana* Lévl. 1075—iso. = *P. princeps* Cham. & Schlechtend.

- Platydesma fauriei* Lévl. 242—iso. = *Nothocestrum longifolium* A. Gray
Platydesma oahuensis Lévl. 243—iso. = *P. spathulatum* (A. Gray) B.C. Stone
Raillardia fauriei Lévl. 1015—iso. = *Dubautia ciliolata* (DC.) Keck var. *laxiflora* (DC.) Keck
Rollandia fauriei Lévl. 568—iso. = *Cyanea spathulata* (Hillebr.) Heller
Rubus hillebrandii Lévl. 802—synt. = *R. hawaiiensis* A. Gray
Rubus koehnei Lévl. 801—iso. Annotated by H. St. John as related to *R. penetrans* Bailey, a species from Florida.
 × *Scaevola blinii* Lévl. 661—iso. = *S. procera* Hillebr.
Scaevola chamissoniana Gaud. var. *coerulescens* Lévl. 659—iso. = *S. gaudichaudiana* Cham.
Scaevola fauriei Lévl. 651—iso. = *S. taccada* (Gaertn.) Roxb. var. *fauriei* (Lévl.) Rock
Sicyos fauriei Lévl. 877—iso. = *Momordica charantia* L.
Sida oahuensis Lévl. 839—iso. = *Malvastrum coromandelianum* (L.) Garcke
Solanum fauriei Lévl. 861—iso. = *S. nigrum* L.
Stenogyne fauriei Lévl. 911—iso. = *Solenostemon scutellarioides* (L.) Codd
Straussia fauriei Lévl. 400—iso. = *Psychotria fauriei* (Lévl.) Fosberg
Suttonia cuneata Lévl. & Faurie. 431—synt. = *Rapanea lessertiana* (A.DC.) Degener & Hosaka
Suttonia fauriei (Lévl.) Lévl. See *Myrsine fauriei* Lévl.
Suttonia mauensis (Lévl.) Lévl. See *Myrsine sandwicensis* A.DC. var. *mauiensis* Lévl.
Suttonia meziana Lévl. 428—iso. = *Rapanea fosbergii* (Hosaka) Degener & Degener
Suttonia molokaiensis (Lévl.) Lévl. See *Myrsine molokaiensis* Lévl.
Suttonia pukooensis Lévl. 426—iso. = *Rapanea pukooensis* (Lévl.) Degener & Degener
Suttonia punctata (Lévl.) Lévl. See *Myrsine sandwicensis* A.DC. var. *punctata* Lévl.
Vaccinium fauriei Lévl. 700—synt. = *V. calycinum* Sm.
Vaccinium hamatidens Lévl. 699—iso. = *V. dentatum* Sm.
Veronica hawaiiensis Lévl. 892—iso. = *V. arvensis* L.
Wickstroemia fauriei Lévl. 518—iso. = *W. sandwicensis* Meisn.