

Contested Identities

What this is. BISH and BPBM are both Bishop Museum; the same physical sheet is often cataloged under both codes, and sometimes the two entries carry DIFFERENT determinations. Where the two names are genuinely different taxa, a facet checklist counts them as two species — a phantom. This report finds those conflicts and gives the diagnostic character to settle each from the online scan.

Scope: R5 uses records ATTRIBUTED to Kīpuka Puāulu (not a strict 2 km radius), because fixing determinations is about the labels and the coarse georeferencing (see R1) would exclude sheets that belong. Found: 8 same-sheet conflicts — 4 benign (spelling/synonymy/revision), 3 REAL, 1 REVIEW. Reciprocity: report each resolution back to Bishop.

catalog	determination A	determination B	kind
656953	Ludwigia palustris (Onagraceae)	Hedyotis biflora (Rubiaceae)	REAL — different families
668168	Corylus cornuta (Betulaceae)	Corylus americana (Betulaceae)	REAL — congeneric
770507	Pyracantha koidzumii (Rosaceae)	Pyracantha angustifolia (Rosaceae)	REAL — congeneric
656108	Cerastium fontanum (Caryophyllaceae)	Cerastium glomeratum (Caryophyllaceae)	REVIEW
656211	Hypochaeris radicata	Hypochoeris radicata	benign — spelling
656286	Cardamine occulta	Cardamine flexuosa	benign — revision
656421	Carya illinoensis	Carya illinoensis	benign — spelling
656875	Eriocapitella hupehensis	Eriocapitella japonica	benign — synonymy

Contested identity — sheet 656953

REAL — two different FAMILIES on one sheet

Two determinations, one physical sheet:

BISH: *Ludwigia palustris* (Onagraceae)

BPBM: *Hedyotis biflora* (Rubiaceae)

THE DECIDER

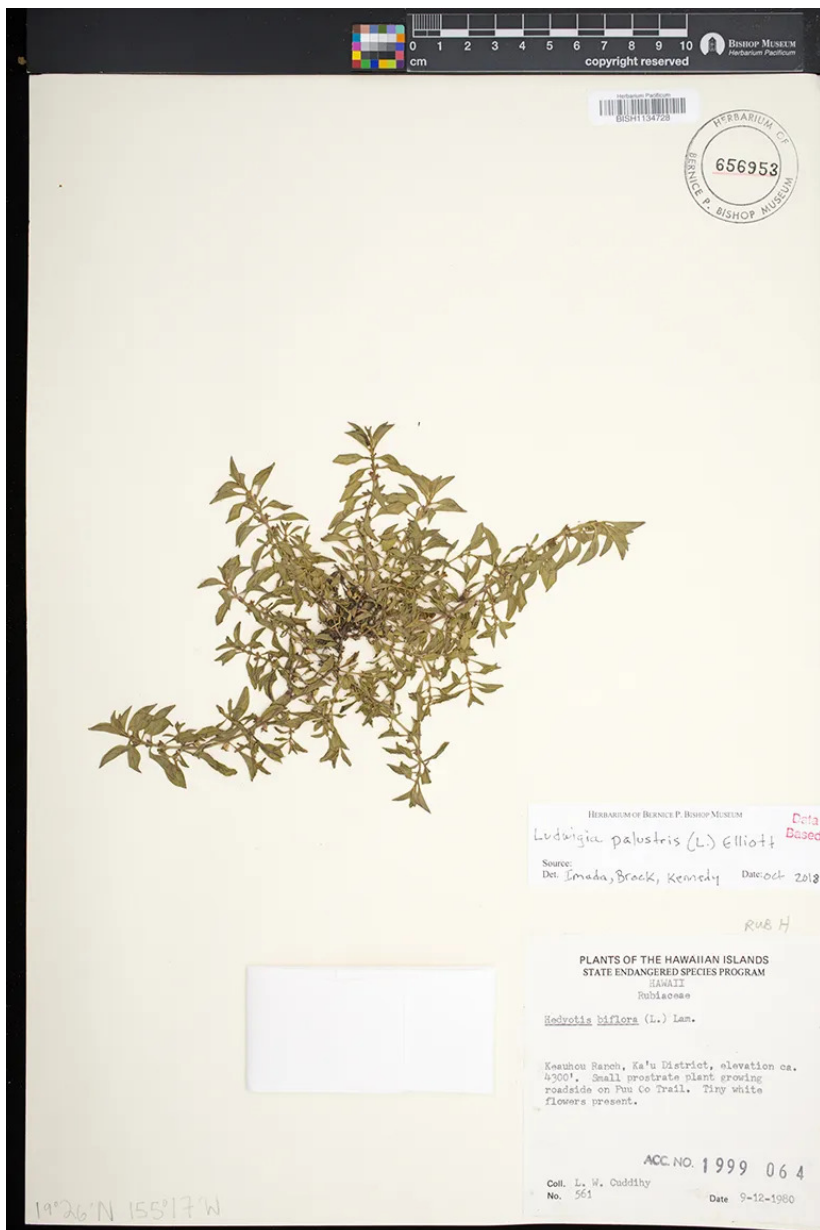
Interpetiolar stipules. PRESENT = Rubiaceae (*Hedyotis*); ABSENT = Onagraceae (*Ludwigia*). A family-level, unmistakable character.

Ludwigia = marsh purslane, reddish wetland stems, no stipules. *Hedyotis* = sprawling Rubiaceae herb, opposite leaves WITH interpetiolar stipules.

Provenance: Cuddihy 561, 1980 · BISH + BPBM

Scan:

<https://editedimages.s3-accelerate.amazonaws.com/BISH113472>



BISH and BPBM are both Bishop Museum: this is ONE physical sheet cataloged twice, so a checklist that counts both names invents a phantom taxon. Resolving it from the scan removes the phantom - and the correct determination should be reported back to Bishop. Three scans are 768x1152 web derivatives (*Pyreanthra* is full-res); the Bishop portal holds full-res masters.

Contested identity — sheet 668168

REAL — congeneric (two hazelnuts)

Two determinations, one physical sheet:

BISH: *Corylus cornuta* (Betulaceae)

BPBM: *Corylus americana* (Betulaceae)

THE DECIDER

The fruit involucre (husk), if present. *C. cornuta* ('beaked') = husk drawn into a long tubular beak; *C. americana* = husk short, open, not beaked.

Both planted hazelnuts (forestry-trial; neither native). *C. americana* also has glandular-bristly petioles.

Provenance: Cuddihy 611, 1980 · BISH + BPBM

Scan:

<https://editedimages.s3-accelerate.amazonaws.com/BISH115430>



BISH and BPBM are both Bishop Museum: this is ONE physical sheet cataloged twice, so a checklist that counts both names invents a phantom taxon. Resolving it from the scan removes the phantom - and the correct determination should be reported back to Bishop. Three scans are 768x1152 web derivatives (Pyraecantha is full-res); the Bishop portal holds full-res masters.

Contested identity — sheet 770507

REAL — congeneric (two firethorns)

Two determinations, one physical sheet:

BISH: *Pyracantha koidzumii* (Rosaceae)

BPBM: *Pyracantha angustifolia* (Rosaceae)

THE DECIDER

Leaf underside + margin. *P. angustifolia* = leaves narrow, entire, apex rounded, densely

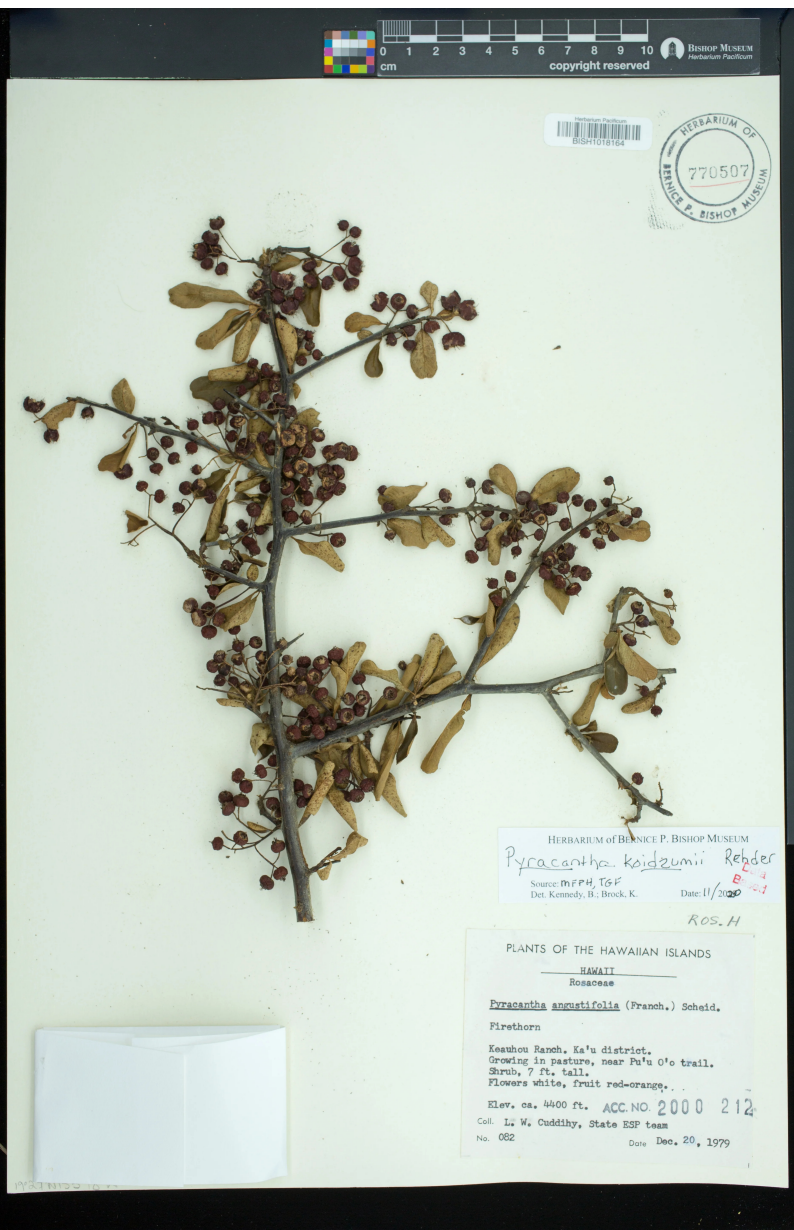
GREY-TOMENTOSE beneath. *P. koidzumii* = broader, apex often notched, glabrous beneath.

Both ornamental firethorns (alien). This sheet is full-resolution online (Kim confirmed the ID is checkable from the scan).

Provenance: Cuddihy 82, 1979 · BISH + BPBM

Scan:

<https://editedimages.s3-accelerate.amazonaws.com/BISH101816>



BISH and BPBM are both Bishop Museum: this is ONE physical sheet cataloged twice, so a checklist that counts both names invents a phantom taxon. Resolving it from the scan removes the phantom - and the correct determination should be reported back to Bishop. Three scans are 768x1152 web derivatives (*Pyracantha* is full-res); the Bishop portal holds full-res masters.

Contested identity — sheet 656108

REVIEW — possibly ambiguous

Two determinations, one physical sheet:

BISH: *Cerastium fontanum* / *holosteoides* (Caryophyllaceae)

BPBM: *Cerastium glomeratum* (Caryophyllaceae)

THE DECIDER

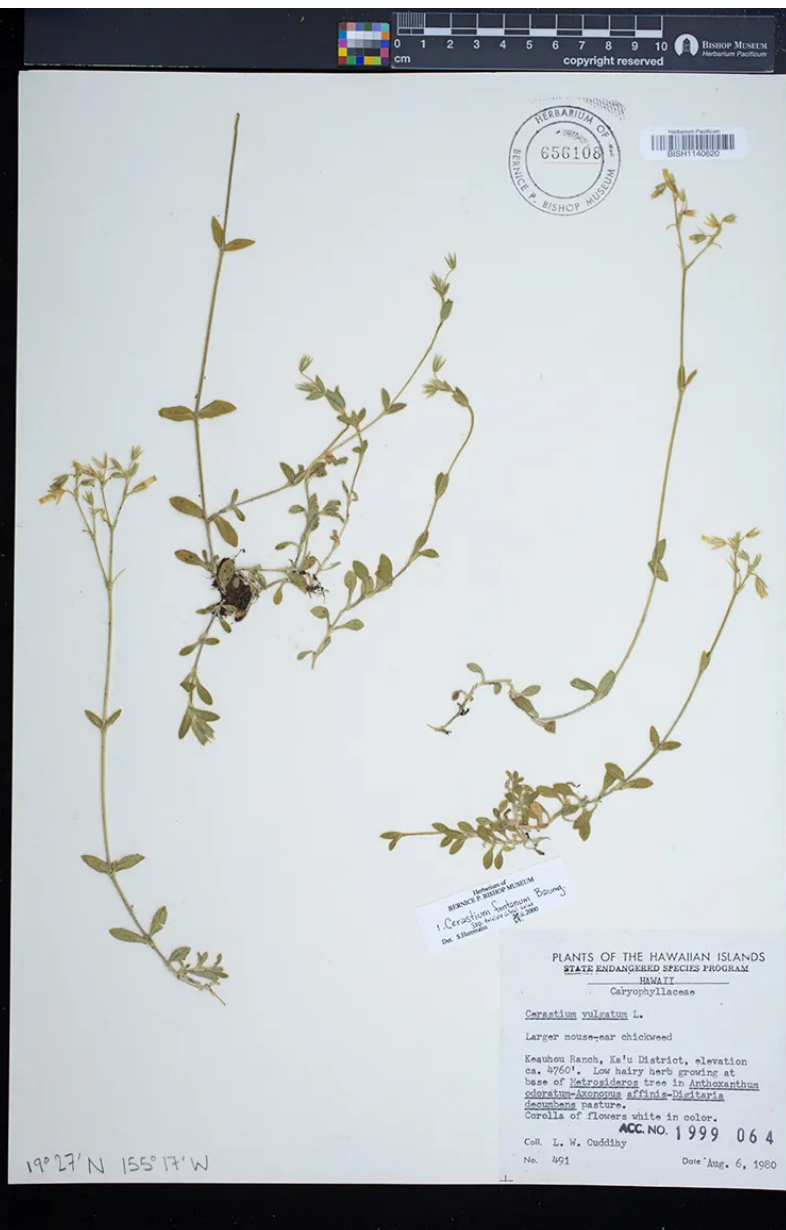
Inflorescence + sepal hairs + habit. *C. glomeratum* = annual, DENSE terminal glomerules, sticky, sepal hairs overtop the tips. *C. fontanum* = perennial (mats), laxer cyme, hairs not overtopping.

Both weedy mouse-ear chickweeds; may be a genuinely difficult or young collection.

Provenance: Cuddihy 491, 1980 · BISH + BPBM

Scan:

<https://editedimages.s3-accelerate.amazonaws.com/BISH1140620>



BISH and BPBM are both Bishop Museum: this is ONE physical sheet cataloged twice, so a checklist that counts both names invents a phantom taxon. Resolving it from the scan removes the phantom - and the correct determination should be reported back to Bishop. Three scans are 768x1152 web derivatives (Pyracantha is full-res); the Bishop portal holds full-res masters.