

Key to PCI Species, adapted from The Jepson Manual for SPCNI,  
including common Iris species of other Series

1. Perianth tube > 30 mm
  2. Cauline (stem) leaves bract-like (reduced, smaller than basal leaves)
    3. Flowers pale cream-yellow with prominent brown-violet veins, rose-violet with darker veins, or  $\pm$  white with rose veins; stigmas truncate,  $\pm$  rounded, or 2-lobed ..... [I. purdyi](#)
    - 3'. Flowers pale yellow or cream with same color (or  $\pm$  red) veins; stigmas triangular or tongue-shaped ..... [I. tenuissima subsp. purdyiformis](#)
  - 2'. Cauline (stem) leaves similar to basal leaves
    4. Stigmas tongue-shaped, tip rounded; rhizome 2–5 mm diameter—go to 5.
      5. Stigmas entire; perianth parts elliptic or narrowly elliptic; stem generally < 1 dm ..... [I. chrysophylla](#)
      - 5'. Stigmas finely toothed; perianth parts widely oblanceolate; stem  $\geq$  1 dm ..... [I. tenuissima subsp. tenuissima](#)
    - 4'. Stigmas triangular, tip acute; rhizome 4–9 mm diameter—go to 6.
      6. Perianth tube funnel-shaped; basal leaves  $\geq$  6 mm wide ..... [I. fernaldii](#)
      - 6'. Perianth tube abruptly inflated at top (bowl-like); basal leaves  $\leq$  6 mm wide ..... [I. macrosiphon](#)
- 1'. Perianth tube < 30 mm—go to 7.
  7. Stigmas 2-lobed; rhizomes 9–30 mm diam; cauline leaves bract-like for at least 2/3 length—go to 8.
    8. Lowest bracts alternate; grows in moist, coastal prairie or open coastal forest; flowers 3–6, lilac-purple ..... [I. longipetala](#)
    - 8'. Lowest bracts opposite; grows in seasonally wet sites; flowers 1–2, pale lilac to  $\pm$  white, or 2–9, brown, red-brown, or green—go to 9.
      9. Basal leaves 25–35 mm wide; bracts not scarious; flowers 2–9, pale yellow to brown, red-brown, or green, veined green or red-brown ..... [I. foetidissima](#)
      - 9'. Basal leaves 3–9 mm wide; bracts generally scarious; flowers 1–2, pale lilac to  $\pm$  white, veined lilac-purple ..... [I. missouriensis](#)
  - 7'. Stigmas triangular, tongue-shaped, or rounded; rhizomes 1–12 mm or 30–40 mm diameter; cauline leaves bract-like or similar to basal—go to 10.
    10. Stigmas rounded; flowers yellow; basal leaves 20–35 mm wide; rhizomes 30–40 mm diameter; grows in

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wetlands ..... [I. pseudacorus](#)

**10'**. Stigmas triangular or tongue-shaped; basal leaves 2–20 mm wide; rhizomes 1–12 mm diameter; dry slopes (moist meadows)—go to **11**.

**11**. Cauline leaves bract-like for at least 2/3 of length—go to **12**.

**12**. Perianth tube  $\leq$  10 mm; cauline (stem) leaves overlapped; flowers generally 2 ..... [I. bracteata](#)

**12'**. Perianth tube  $>$  10 mm; cauline (stem) leaves generally not overlapped; flowers 1–2—go to **13**.

**13**. Lowest bracts spreading; ovary triangular, clearly winged—go to **14**.

**14**. Ovary clearly winged; perianth with deep maroon or  $\pm$  brown veins—go to **15**.

**15**. Southern Oregon to southwest Washington, west of Cascades, wide flower color range

..... [Iris tenax](#)

**15'**. Restricted to Humboldt County, northern California; flowers white to yellow

..... [Iris tenax ssp. klamathensis](#)

**14'**. Ovary triangular but not winged; perianth lacking dark veins ..... [I. hartwegii subsp. pinetorum](#)

**13'**. Lowest bracts enclosing perianth tube; ovary rounded or triangular, not winged—go to **16**.

**16**. Flowers generally golden yellow; ovary rounded; petals elliptic; southern Oregon ..... [I. innominata](#)

**16'**. Flowers generally lavender to blue, occasionally  $\pm$  white; ovary triangular; petals obovate; southern Oregon and northern California ..... [I. thompsonii](#)

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**11'**. Cauline (stem) leaves similar to basal—go to **17**.

**17**. Flowers pale cream to yellow or gold-yellow, veined gold or bright yellow or not—go to **18**.

**18**. Flowers 3; outer bract 9–15 cm; perianth tube 11–15 mm

..... [\*I. hartwegii\* subsp. \*columbiana\*](#)

**18'**. Flowers 2; outer bract 6–11 cm; perianth tube 5–10 mm

..... [\*I. hartwegii\* subsp. \*hartwegii\*](#)

**17'**. Flowers blue to lavender or purple (white or pale cream), with cream or ± white throat or not—go to **19**.

**19**. Basal leaves 7–10 mm wide; flowers 2; dry slopes

..... [\*I. hartwegii\* subsp. \*australis\*](#)

**19'**. Basal leaves 10–22 mm wide; flowers generally > 2; grassy sites—go to **20**.

**20**. Stem generally branched, flowers 2/branch; coastal plains ..... [\*I. douglasiana\*](#)

**20'**. Stem unbranched, flowers 3; wet grassy sites in s Sierra Nevada ..... [\*I. munzii\*](#)