

Streptanthus farnsworthianus - New Crop Summary & Recommendations

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Series: New Floricultural Crops: Formulation of Production Schedules for Wild, Non-domesticated Species

Part of the requirements for  
Horticultural Science 5051: Plant Production II  
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# STREPTANTHUS FARNSWORTHIANUS

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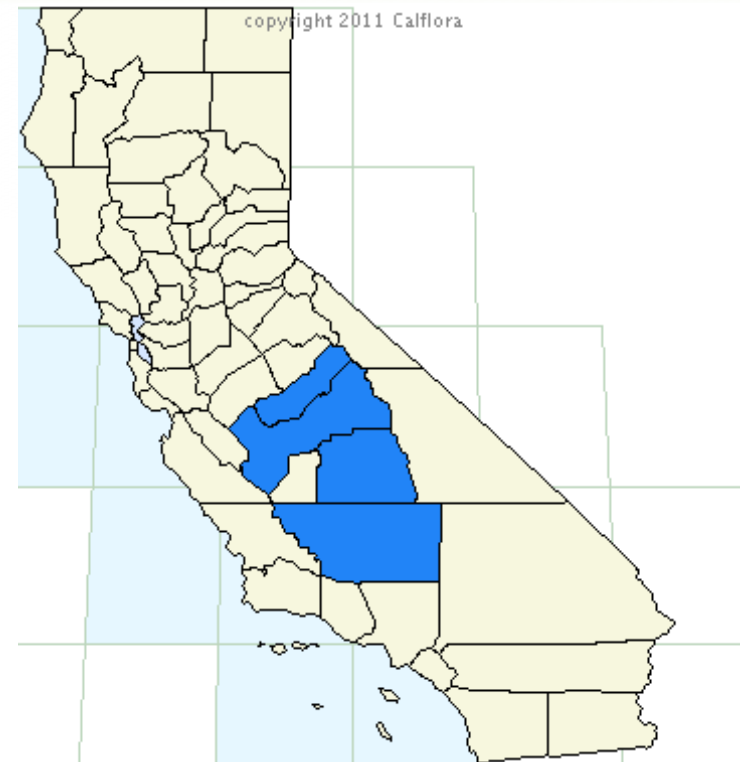
# TAXONOMIC TRAITS

- ◎ Farnsworth Jewel flower
- ◎ Brassicaceae
- ◎ 18-24 inches tall
- ◎ Blooms May-June
- ◎ Full Sun



# GEOGRAPHIC RANGE

- ⊙ Only found in Fresno, Kern, Madera, and Tulare counties, CA
- ⊙ 400-1300m
- ⊙ Sierra Nevada Foothills





# ORNAMENTAL TRAITS

- ① Lower leaves are lobed, becoming entire and oblong
- ① Foliage is green turning red/purple with cooler temperatures.
- ① Deep purple bracts with multiple urn shaped flowers per stem

# EXPERIEMENT

- ① Farnsworth Jewel Flower is cold tolerant to at least 34°F
- ① Foliage color becomes darker in cold temperatures
- ① Time to flower is accelerated by long days/high temps



# ORNAMENTAL USES

- ◎ Early spring crop- companion to pansy, and kale
- ◎ Possible cut flower for spring arrangements





# CROP SCHEDULE

- ① 10 days from sow to germ
- ① Flowered in 5 weeks
- ① Sow mid February to early March for sale in April, with flowering occurring in May





# FUTURE EXPERIMENTATION

- ③ Grow under short days to grow bulky plant prior to flowering
- ③ Breeding to increase flower size and number
- ③ Test cut flower abilities

