MLMP Quick Reference Guide Pollinator Posse



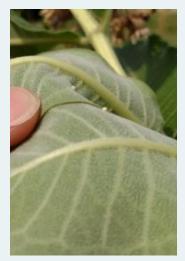
Male Monarch Butterfly (photo courtesty of Michelle Solensky)



Female Monarch Butterfly (photo courtesy of Barbara Powers)

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Eggs (vs. Latex Drops)



Latex drop



Monarch egg



Egg Closeup

First Instar

- **Black head
- Tentacles barely visible

- No stripes or muted
- body transparent and shiny
- Small holes on leaves









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Second Instar

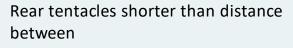
- **Head is no longer black
- Front tentacles do not reach top of head
- Stripes apparent– matte body





Third Instar

- Front tentacles just reach top of head
- Stripes more apparent







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Fourth Instar

- Front tentacles reach just past top of head
- Rear tentacles equalthe distance between



Fifth Instar

- Front tentacles reach well past top of head
- Rear tentacles longer than distance between



Narrowleaf Milkweed (A. fascicularis)

- White to pink flowers
- Upright flowers
- Under 3 ft.
- Rhizomes
 - Each stem emerging from the ground is counted as one plant
- If stand is large you can count a certain <u>random</u> number of stems each week
 - Number stays the same
 - Exact stems do not need to be the same



PLANT: Thin, upright branched stems; smooth. **LEAVES:** Opposite to whorled; narrow to lance-shaped; pointed and folded lengthwise; mostly smooth. **HABITAT:** Valley grasslands, wetland-riparian areas, open woodlands, chaparral, sagebrush, disturbed areas, banks of streams and irrigation ditches, fallow fields. **SOILS:** Sandy to clayey; dry-moist. **BLOOM:** May-Oct; dusky pink to rose with touches of white.



Seed Pods



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Balloon Plant (A. physocarpa)



- White to pink flowers
- Drooping flowers
- Up to 6 ft tall
- Single Plants
- **Round hairy seed pods
- · Not native to California







Tropical Milkweed (A. curassavica)





- · Upright flowers
- **Gold/Orange/Red flowers
- Up to 3 ft tall
- Single Plants
- Not native to California





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Showy Milkweed (A. speciosa)

- White to pink flowers
- · Upright flowers
- **Fuzzy leaves
- Up to 5 feet
- Rhizomes
- Count each stem as plants



PLANT: Stout, upright, unbranched stems; hairy. **LEAVES:** Opposite; broad and oval-shaped; hairy. **HABITAT:** Grasslands, fallow fields, disturbed areas, foothill woodlands, wetland-riparian areas, banks of streams, irrigation ditches, rivers, and ponds. **SOILS:** Sandy to loamy; dry-moist. **BLOOM:** May-Aug; pink and cream or white; flowers are the largest of American species.

