

Key to California Orchomene Species
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- 1a Urosome bearing a projecting process or inflated low hump - 4
- b Urosome smooth and uninflated - 2

- 2a Third pleonal epimeron posteriorly produced - Orchomene decipiens
- b Third pleonal epimeron unproduced - 3

- 3a Eyelobe projecting - Orchomene anaquela
- b Eyelobe obtuse - Orchomene holmesi

- 4a Urosome bearing a smooth inflated hump - Orchomene pinguis
- b Urosome bearing a projecting process - 5

- 5a Third pleonal epimeron unproduced - 6
- b Third pleonal epimeron posteriorly produced - 7

- 6a Third pleonal epimeron rounded - Orchomene obtusa
- *b Third pleonal epimeron quadrate - Orchomene magdalenensis*

- 7a Telson with two dorsal spines per lobe; urosomal process acutely conical - Orchomene index*
- b Telson with two dorsal spines per lobe; urosomal process rounded and overhanging urosomal segment 5 - Orchomene pacifica*

*Species which will probably be included within a revised concept of Lepidepcreum

