

Key to the species of the *Araphura* (Tanaidacea: Anarthruridae) from coastal waters off San Diego, California

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1. Chelae with tuberculate ridge (4–7 tubercles) above ventro-lateral margin; pereopod 1 with short, slender tergal spine(s) distally on merus and carpus ($\leq 1/2$ length of respective articles); pereonites 2–5 longer than broad ($L \cong 1.3 W$); uropodal pseudo-exopod short, stout ($\leq 1/2$ first article of endopod) *Araphura* sp SD1
- Chelae with smooth ridge above ventro-lateral margin (tubercles absent); pereopod 1 with long, robust tergal spine(s) distally on merus and carpus ($\geq 2/3$ length of respective articles); pereonites 2–5 subquadrangular ($L \cong W$); uropodal pseudo-exopod relatively long ($\geq 1/2$ first article of endopod) 2
2. Cephalon elongate, broad (see Dojiri and Seig 1997, Fig 3.18); uropodal pseudo-exopod $\sim 1/2$ length of first article of endopod, and noticeably curved medially; pleotelson without conical process along posterior border *Araphura brevaria*
- Cephalon elongate, narrow (see Dojiri and Seig 1997, Fig 3.19); uropodal pseudo-exopod $\sim 3/4$ length of first article of endopod and only slightly curved medially or not; pleotelson with small conical process along posterior border *Araphura cuspirostris*