

Southern California
Leptognathiidae
(female)

- Hanna
1. Antennule (A1) 3-articled.....Typhlotanais⁷⁴ sp. A (lepto sp H)
 - Antennule (A1) 4-articled.....2
 2. Cheliped propodal tooth bifid.....Tanaopsis sp. A (lepto of Θ)
= *Tanaopsis cadieni*
 - Cheliped propodal tooth simple.....3
 3. Uropods uniramous.....4
 - Uropods biramous.....7
 4. Uropod peduncle with projection forming
non-articulated pseudoexopod.....5 (Araphura)
Uropod peduncle without projection forming
non-articulated pseudoexopod.....Leptognathia sp. B to 10 gen. later
Tanaella *sp. nov.*
 5. Uropod peduncle pseudoexopod acute.....6
 - Uropod peduncle pseudoexopod truncate.....Araphura⁷⁵ sp. C (lepto sp F)
Araphura
 6. Pleotelson elongate with terminal pointed
projection.....Araphura sp. B* (lepto sp D)
Araphura
 - Pleotelson not elongate, without terminal
pointed projection.....Araphura⁷² sp. A (lepto sp A) both ABC & H. sp.
Araphura
 7. Ventral pointed projection on each side of
pleotelson.....Leptognathia sp. C (= sp C) ? *Scolaura phillypsii*
 - Ventral posteriorly-directed projection located
between pleopods on 5th pleonal segment.....Leptognathia sp. E (= sp E) ?

* this may be male of Araphura sp. A

- Pseudotanaia?
- B = *Tanaella*
 - C = *Scolaura phillypsii*
 - D = *Araphura* ~~B~~ *sp. nov.*
 - E = *Leptognathia dentata*
 - *Araphura* A *sp. nov.*
 - *Araphura* C *sp. nov.*
 - *Typhlotanais* sp. A \rightarrow *T. crassa*
 - ~~*Tanaopsis* sp. A~~ *Tanaopsis cadieni*