

Key to the species of the *Monoculodes* complex recorded by SCAMIT

1. Pigmented eyes absent.....2
- Pigmented eyes present3
2. Rostrum long, almost reaching end of Art 1 on Ant 1; lobe on Art 5 of Gn 2 reaching only 1/3 along posterior edge of Art 6 (Fig 8) *Monoculodes latissimanus*
- Rostrum short, reaching only halfway along Art 1 of Ant 1 (Fig 9); lobe on Art 5 of Gn 2 extending full length of posterior edge of Art 6..... *Monoculodes necopinus*¹
3. Art 5 of Gn 1 not lobate, rostrum horizontal (Fig 4)..... *Monoculodes glyconicus*
- Art 5 of Gn 1 lobate (Fig 1).....4
4. Lobe of Art 5 on Gn 1 appears pinched at base, fleur-de-lis shape (Fig 2) *Pacifoculodes barnardi*²
- Lobe of Art 5 on Gn 1 does not appear pinched at the base.....5
5. Telson emarginated (Fig 5L).....6
- Telson rounded or truncated (Fig 6).....7
6. Eyes small, located as far back from the apex of the rostrum as its own length (Fig 5).....
..... *Monoculodes emarginatus*
- Eyes large, almost equal in length to rostrum with anterior edge of eyes about 1/3 back on rostrum (Fig 7)..... *Monoculodes perditus* (in part)
7. Rostrum curved with dorsal and anterior edges at right angles to each other (Fig 10A).....8
- Rostrum curved with dorsal and anterior edges at less than right angles to each other (Fig 10B).....10
8. Rostrum blunt; coxa 4 1-1/2 times larger than coxae 1-3, broadened distally; Art 6 of Gn 2 four times as long as broad (Fig 6)..... *Hartmanodes murrius* (in part)
- Rostrum subacute; coxa 1-4 subequal, coxa 4 not distally expanded.....9
9. Coxa 1 produced antero-distally; Gn 1 propod relatively broad (1.5 times longer than broad), rostrum with ventral “keel” concave (see voucher sheet)..... *Hartmanodes* sp SD1
- Coxa 1 not produced antero-distally (Fig 1); Gn 1 propod relatively narrow (2 times longer than broad), rostrum with ventral “keel” convex *Hartmanodes hartmanae*
10. Eyes occupying much of rostrum; rostrum much shorter than length of head.....11
- Portion of rostrum in front of eyes as long or longer than eye; rostrum as long as rest of head
..... *Deflexilodes norvegicus* (Fig 3)
11. Art 6 of Gn 2 narrow, four times as long as broad; subacute rostrum (Fig 6)
..... *Hartmanodes murrius* (in part)
- Art 6 of Gn 2 stout, twice as long as broad; rostrum acute ... *Monoculodes perditus* (in part)

¹ Not yet recorded by SCAMIT member agencies, but present in original key.

² *Pacifoculodes barnardi* is separated from the northern form *P. spinipes* (Mills 1962) by the following suite of characters: epimeron of pleonite 2 subacute, not strongly produced vs acute and strongly produced; P5 and P6 dactyls of medium length (2/3 length of propod) vs short (<2/3 length of propod); and sparse setae (<2) on the hind margin of pleonites 2 and 3 vs moderately setose (5-20 setae).