

***Syngnathus caldwelli* Herald et Randall,
a Junior Synonym of *Parasyngnathus
howensis* Whitley.**

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Syngnathus caldwelli was described from Easter Island by Herald and Randall (1972) and they suggested that its nearest relative was *S. balli* (= *Bryx balli*) (Fowler) from Hawaii. *Parasyngnathus howensis* was described from a single specimen from Lord Howe Island (Whitley, 1948). Recent collections at Lord Howe Island secured a number of *P. howensis* and I have compared these with *S. caldwelli*. I have been unable to find differences between the paratypes of *S. caldwelli* and the specimens of *P. howensis*.

S. caldwelli agrees with *P. howensis* in the following characters: 28~31 vs. 27~30 dorsal-fin rays; 14~16 vs. 13~15 pectoral-fin rays; dorsal covering 6 3/4~7 1/2 vs. 6 1/2~8 rings; 16~17 vs. 16 trunk rings; 34~36 vs. 34~36 tail rings; head-in-standard length 8.5~9.2 vs. 8.4~9.2; dorsal fin base-in-head 0.9~1.0 vs. 0.9~1.0; and snout-in-head 2.2~2.6 vs. 2.1~2.4. Also the general description and coloration are virtually identical in these two nominal species. In the absence of contrary evidence, *S. caldwelli* is provisionally synonymized with *P. howensis*.

Material examined

Parasyngnathus howensis: AMS (Australian Museum, Sydney) I. 17364-003, 4 (70.9~

87.2 mm SL); and AMS I. 17371-004, 3 (69.6~89.7). *Syngnathus caldwelli* (paratypes): BC (University of British Columbia) 65-440, 1 (84); BC 65-449, 2 (93~93.5); and LACM (Natural History Museum of Los Angeles County) 6560-41, 2 (69~82).

Acknowledgments

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Literature cited

- Herald, E. S. and J. E. Randall. 1972. Five new Indo-Pacific pipefishes. Proc. Calif. Acad. Sci., 4th ser., 39: 121~140.
Whitley, G. P. 1948. Studies in ichthyology. No. 13. Rec. Aust. Mus., 22: 70~94.

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ヨウジウオ科 *Syngnathus caldwelli* は *Parasyngnathus howensis* のシノニム

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イースター島より記載された *Syngnathus caldwelli* Herald et Randall, 1972 は Lord Howe 島より得られた 1 個体によって Whitley (1948) が記載した *Parasyngnathus howensis* のシノニムであることが判明したので報告する。近年 Lord Howe 島調査で採集された *P. howensis* を *S. caldwelli* の副模式標本と比較したところ、計数・計測値に差異は認められなかった。他の特徴および色彩にも両種間の差異はなく、後者は前者のシノニムと判断した。