

Supplementary Table 1. Japanese anthiadine adult fishes and their selected meristic data. All Japanese species have 10 dorsal- and 3 anal-fin spines, and pelvic fin with 1 spine and 5 soft rays. Data of dorsal and anal fins are shown only for soft rays.

Genus	Species	D	A	P ₁	LLp	TRa	TRb	References ¹ / Remarks
<i>Caprodon</i>	1	19–21	7–9	16–17	57–61	Nd	Nd	13 / Nd = no data available
<i>Luzonichthys</i>	2	15–16	7–8	17–22	51–74	5–7	16–18	13
<i>Meganthias</i>	1	16–17	9	16	46–47	9.5–10.5	27.5	13
<i>Mirolabrichthys</i>	1	15–17	7–8	16–19	48–52	6	15–16	2, 13
<i>Nemanthias</i>	2	16–18	7–8	18–21	55–64	8–9	21–27	2, 13
<i>Plectranthias</i>	19	12–20	6–8	11–17	10–38	2–6	7–18	1, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 17
<i>Pseudanthias</i>	16	11–18	6–9	15–20	37–56	4–7	14–22	6, 13, 16
<i>Pyronanthias</i>	4	15–17	7–8	16–18	41–52	4–5	12–116	2, 13
<i>Rabaulichthys</i>	1	16	7	19	51–55	3.5	15	13
<i>Sacura</i>	1	16–18	7	16–18	26–30	5–6	19–20	13
<i>Selenanthias</i>	2	15–17	7	15	36–38	5	13–14	7, 13
<i>Serranocirrhitus</i>	1	18–20	7	13–14	33–38	5	11–12	13
<i>Tosana</i>	1	13–15	6–7	15–16	33–38	5–7	12–16	3, 13
<i>Tosanoides</i>	2	17	8	13	31–33	3	12–13	13
<i>Odontanthias</i>	5	12–18	7–8	16–19	30–46	6–9	16–22	13
<i>Odontanthias flagris</i>		17–18	7	17–18	40–46	9	17	13
<i>O. rhodopeplus</i>		12–14	7	17–18	30–33	7	17	13
<i>O. katayamai</i>		16–17	7–8	16–17	36–42	6	19	13
<i>O. unimaculatus</i>		14	7	18–19	34–38	7	16	13
<i>O. borbonius</i>		16–18	7–8	16–18	39–43	8	22	13
Larval specimens in this study		16–17	7	17	40–43	8	19–21	Counts with a full complement shown

Supplementary Table 1. (Continued)

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