

**Supplemental Appendix. Publicly available sequence data with corresponding accession numbers from GenBank used in the phylogenetic analysis. Missing data represented by (—).**

<b>Species</b>	<b>Locality</b>	<b>Museum voucher</b>	<b>GenBank accession number</b>	<b>Collector/source</b>
<i>Pseudojuloides pluto</i> , new species	Wake Island, Micronesia	AMS I.49040-001	MN638808	B. D. Greene
<i>Pseudojuloides pluto</i> , new species	Wake Island, Micronesia	AMS I.49040-001	MN638809	B. D. Greene
<i>Pseudojuloides pluto</i> , new species	Wake Island, Micronesia	AMS I.49040-001	MN638810	B. D. Greene
<i>Pseudojuloides pluto</i> , new species	Wake Island, Micronesia	AMS I.49040-001	MN638811	B. D. Greene
<i>Pseudojuloides atavai</i>	Gambier Islands, French Polynesia	USNM 400599	MK658088	J. Williams/S. Planes
<i>Pseudojuloides atavai</i>	Gambier Islands, French Polynesia	USNM 399540	MK658312	J. Williams/S. Planes
<i>Pseudojuloides atavai</i>	Austral Islands, French Polynesia	USNM 424042	MK657490	J. Williams/S. Planes
<i>Pseudojuloides atavai</i>	Austral Islands, French Polynesia	USNM 422970	MK657952	J. Williams/S. Planes
<i>Pseudojuloides atavai</i>	Austral Islands, French Polynesia	USNM 423273	MK657595	J. Williams/S. Planes
<i>Pseudojuloides atavai</i>	Austral Islands, French Polynesia	USNM 423367	MK658193	J. Williams/S. Planes
<i>Pseudojuloides atavai</i>	Rarotonga, Cook Islands	—	JQ839569	B. C. Victor

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<i>Pseudojuloides cerasinus</i>	Hawaii	—	JQ839570	B. C. Victor
<i>Pseudojuloides cerasinus</i>	Hawaii	—	JQ839571	B. C. Victor
<i>Pseudojuloides cerasinus</i>	Hawaii	—	KJ591646	D. Carlon/A. Faucci
<i>Pseudojuloides cerasinus</i>	Hawaii	—	KJ591647	D. Carlon/A. Faucci
<i>Pseudojuloides crux</i>	Western Australia	AMS I.48996-001	MK120503	J. Gill
<i>Pseudojuloides edwardi</i>	Kenya, Africa	BPBM 41173	KP975964	J. Edward
<i>Pseudojuloides elongatus</i>	New Caledonia	—	KJ591647	A. Teitelbaum
<i>Pseudojuloides kaleidos</i>	Maldives	—	KP975974	J. Edward
<i>Pseudojuloides labyrinthus</i>	Kenya, Africa	BPBM 41257	KT352046	J. Edward
<i>Pseudojuloides mesostigma</i>	Vanuatu	BPBM 41216	KP975968	J. Edward
<i>Pseudojuloides paradiseus</i>	Izu Oceanic Park, Japan	KPM-NI 43448	MK120504	W. Takase
<i>Pseudojuloides polackorum</i>	Kenya, Africa	BPBM 41208	KP975996	A. Connell
<i>Pseudojuloides polackorum</i>	Kenya, Africa	BPBM 41207	KP975967	J. Edward
<i>Pseudojuloides polackorum</i>	Kwa-Zulu, South Africa	—	KP975998	A. Connell
<i>Pseudojuloides polackorum</i>	Kwa-Zulu, South Africa	—	KP975978	A. Connell
<i>Pseudojuloides polackorum</i>	Kwa-Zulu, South Africa	—	KF489719	A. Connell
<i>Pseudojuloides polynesica</i>	Austral Islands, French Polynesia	USNM 424051	KY250424	J. Williams
<i>Pseudojuloides polynesica</i>	Tahiti, French Polynesia	BPBM 41340	KT352038	J. Edward

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<i>Pseudojuloides polynesica</i>	Tahiti, French Polynesia	BPBM 41340	KT352056	J. Edward
<i>Pseudojuloides polynesica</i>	Moorea, French Polynesia	—	JQ839572	D. Bellwood
<i>Pseudojuloides pyrius</i>	Marquesas	USNM 409424	KJ591650	J. Williams/S. Planes
<i>Pseudojuloides severnsi</i>	Philippines	—	JQ839574	J. Edward
<i>Pseudojuloides severnsi</i>	Indonesia	—	KJ591653	B. C. Victor
<i>Pseudojuloides severnsi</i>	New Caledonia	—	KJ591655	A. Teitelbaum
<i>Pseudojuloides severnsi</i>	New Caledonia	—	KJ591654	A. Teitelbaum
<i>Pseudojuloides splendens</i>	Vanuatu	BPBM 41337	KP975986	G. Norton
<i>Pseudojuloides splendens</i>	Vanuatu	BPBM 41338	KP975985	G. Norton
<i>Pseudojuloides splendens</i>	New Caledonia	BPBM 41339	KP975962	A. Teitelbaum
<i>Pseudojuloides splendens</i>	New Caledonia	BPBM 41339	KP975999	A. Teitelbaum
<i>Pseudojuloides splendens</i>	Batangas, Philippines	USNM 436374	KY250422	J. Williams
<i>Pseudojuloides splendens</i>	Tonga	—	KP976010	J. Edward
<i>Pseudojuloides xanthomos</i>	Mauritius	—	KJ591657	M. Gurroby
<i>Pseudojuloides zeus</i>	Majuro, Marshall Islands	BPBM 41215	KJ591656	J. Edward
<i>Leptojuilis cyanopleura</i>	Bali, Indonesia	—	KX459127	B. C. Victor

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