

Table S1. Morphological comparison of new species and congeners in *similis*-group.

<i>similis</i> -group	Body length	A1 1st/2nd seg length	Setal formulae (exp / enp)				
			P1	P2	P3	P4	P5
<i>R. brevipes</i> (Wells & Rao, 1987)	410	1	0.0.022 / 1.1.111	0.1.123 / 0.2.121	0.1.123 / 1.1.121	0.1.223 / 1.1.121	4/5
<i>R. diversa</i> (Lang, 1965)	600	0.97	0.0.022 / 1.1.111	0.1.123 / 1.2.121	0.1.123 / 1.1.221	0.1.223 / 1.1.121	5/6
<i>R. falklandiensis</i> (Lang, 1936)	698	-	0.0.022 / 1.1.111				5/6
<i>R. hopkinsi</i> (Lang, 1965)	700	0.88	0.0.022 / 1.1.111	0.1.123 / 1.2.121	0.1.123 / 1.1.221	0.1.223 / 1.1.121	5/6
<i>R. remanei</i> (Klie, 1950)	450	-	0.0.022 / 1.0.111				5/6
<i>R. simulans</i> (Norman & Scott T., 1905)		0.63	0.0.022 / 1.1.111	0.1.123 / 1.2.121	0.1.123 / 1.1.221	0.1.223 / 1.1.121	5/6
<i>R. smithi</i> (Hamond, 1973)	730	0.86	0.0.022 / 1.1.111	0.1.123 / 1.2.121	0.1.123 / 1.1.221	0.1.223 / 1.1.121	5/6
<i>R. similis similis</i> (Scott A., 1896)		1	0.0.022 / 1.1.111				5/6
<i>R. similis bulbamphiascoides</i> Noodt, 1955		0.38	0.0.022 / 1.1.111	0.1.123 / 1.2.121	-	0.1.223 / 1.1.121	5/6
<i>R. donghaensis</i> Bang, 2021	795	0.39	0.0.022 / 1.1.111	0.1.123 / 1.2.121	0.1.123 / 1.1.221	0.1.223 / 1.1.121	5/6
<i>R. jejuensis</i> sp. nov.	875	0.69	0.0.022 / 1.1.111	0.1.123 / 1.2.121	0.1.123 / 1.1.221	0.1.223 / 1.1.121	5/6

Continued.

<i>similis</i> -group	P5					
	P5 benp distal setae length	Gap between P5 benp seta II and III	Ornamentation between P5 benp seta II and III	P5 exp distal margin	P5 exp l/b	P5 exp outer setae
<i>R. brevipes</i>	I<II (2/5)	normal	absent	normal	2	naked
<i>R. diversa</i>	I<II (4/5)	wide	present	normal	1.5	pinnate & naked
<i>R. falklandiensis</i>	I<II (4/5)	normal	absent	normal	1.5	naked
<i>R. hopkinsi</i>	I<II (2/5)	wide	present	normal	1.5	pinnate & naked
<i>R. remanei</i>	I<II (1/4)	normal	absent	normal	2.5	naked
<i>R. simulans</i>	I<II (3/5)	narrow	absent	normal	2.5	naked
<i>R. smithi</i>	I<II (2/3)	wide	absent	swollen distal margin (II-III)	1.5	naked
<i>R. similis similis</i>	I<II (almost same)	normal	absent	normal	2	pinnate
<i>R. similis bulbamphiascoides</i>	I<II (1/4)	normal	absent	normal	2	bulb
<i>R. donghaensis</i>	I=II	normal	absent	swollen distal margin (II-III)	2	naked
<i>R. jejuensis</i> sp. nov.	I<II (1/2)	Wide	present	normal	1.7	pinnate

Continued.

<i>similis-group</i>	P1 exp/enp-1	P1 enp-1 inner seta length	P2 exp-2 inner margin setules	P3 enp: exp	P6 setae length (2 outer setae)	Caudal rami
<i>R. brevipes</i>	5/4	end of enp-2	present	enp>exp	2A=B	without ornamentation
<i>R. diversa</i>	3/4	mid of enp-3	present	enp>exp	3A=B	inner margin ornamentation
<i>R. falklandiensis</i>	4/5	mid of enp-3				
<i>R. hopkinsi</i>	1	2/3 of enp-3	present	enp>exp	2A=B	inner margin ornamentation
<i>R. remanei</i>	2/3	end of enp-2			-	without ornamentation
<i>R. simulans</i>	1	mid of enp-3	present	enp=exp	-	inner distal margin ornamentation
<i>R. smithi</i>	4/5	mid of enp-3	present	enp>exp	2 setae (?)	inner distal margin ornamentation
<i>R. similis similis</i>	4/5	end of enp-3			-	inner distal margin ornamentation
<i>R. similis bulbamphiascoides</i>	4/5	1/4 of enp-3	present	-	-	without ornamentation
<i>R. donghaensis</i>	2/3	1/4 of enp-3	absent	enp=exp (*)	2A=B	inner distal margin ornamentation
<i>R. jejuensis sp. nov.</i>	3/4	mid of enp-3	present	enp<exp	3A=B	inner margin ornamentation

*In original description, "enp>exp". As a result of observation of the paratype, the lengths are similar.