

Table 4: SIMPER analysis reporting average similarities within and among groups. P values are calculated performing ANOSIM on the resemblance matrix of Bray Curtis similarities. Bold P<0.01, *P=0.03, NS statistically not significant

		<i>P. pallidula</i>			<i>P. favieri</i>			<i>M. scabrinodis</i>	
		Q	S	W	a	b	c	Qm	Wm
<i>P. pallidula</i>	Q	8.07	15.34NS	16.07	23.28	24.70	18.93	35.14	29.21
	S		18.2	19.76	23.21*	27.41	20.61	34.30	29.88
	W			16.56	30.16	22.56	27.68	27.57	24.16
<i>P. favieri</i>	a				8.75	39.46	9.21NS	50.37	45.16
	b					23.76	37.4	24.53NS	22.80NS
	c						7.33	50.58	44.61
<i>M. scabr</i>	Qm							6.08	10.40NS
	Wm								13.24

TABLE 5: Post hoc tests for pairwise differences in the PCA factors calculated on the overall acoustics of *P. pallidula* and *P. favierei*. Fisher's least significant difference (LSD) was used to test for the equality of means. * indicates differences at $P < 0.05$.

(I)	(J)	FACTOR1	FACTOR2
		Mean Diff. (I-J)	Mean Diff. (I-J)
Pa	Pb	1.5456*	-0.5844*
	Pc	-0.7496*	-0.3657*
	q	0.1356	1.8108*
	Qm	2.4363*	1.9252*
	s	0.4469*	1.3987*
	w	0.6405*	0.5918*
	Wm	2.1772*	0.8292*
Pb	Pa	-1.5456*	0.5844*
	Pc	-2.2952*	0.2187*
	q	-1.4101*	2.3952*
	Qm	0.8906*	2.5097*
	s	-1.0988*	1.9832*
	w	-0.9051*	1.1763*
	Wm	0.6316*	1.4137*
Pc	Pa	0.7496*	0.3657*
	Pb	2.2952*	-0.2187*
	q	0.8852*	2.1765*
	Qm	3.1859*	2.2910*
	s	1.1965*	1.7644*
	w	1.3901*	0.9576*
	Wm	2.9269*	1.1949*
q	Pa	-0.1356	-1.8108*
	Pb	1.4101*	-2.3952*
	Pc	-0.8852*	-2.1765*
	Qm	2.3007*	0.1144
	s	0.3113*	-0.4121*
	w	0.5050*	-1.2190*
	Wm	2.0416*	-0.9816*
Qm	Pa	-2.4363*	-1.9252*
	Pb	-0.8906*	-2.5097*
	Pc	-3.1859*	-2.2910*
	q	-2.3007*	-0.1144
	s	-1.9894*	-0.5265*
	w	-1.7957*	-1.3334*
	Wm	-0.2590	-1.0960*
s	Pa	-0.4469*	-1.3987*
	Pb	1.0988*	-1.9832*
	Pc	-1.1965*	-1.7644*

w	q	-0.3113 [*]	0.4121 [*]
	Qm	1.9894 [*]	0.5265 [*]
	w	0.1937 [*]	-0.8069 [*]
	Wm	1.7303 [*]	-0.5695 [*]
	Pa	-0.6405 [*]	-0.5918 [*]
	Pb	0.9051 [*]	-1.1763 [*]
	Pc	-1.3901 [*]	-0.9576 [*]
Wm	q	-0.5050 [*]	1.2190 [*]
	Qm	1.7957 [*]	1.3334 [*]
	s	-0.1937 [*]	0.8069 [*]
	Wm	1.5367 [*]	0.2374
	Pa	-2.1772 [*]	-0.8292 [*]
	Pb	-0.6316 [*]	-1.4137 [*]
	Pc	-2.9268 [*]	-1.1949 [*]
	q	-2.0416 [*]	0.9816 [*]
	Qm	0.2590	1.0960 [*]
	s	-1.7303 [*]	0.5695 [*]
	w	-1.5367 [*]	-0.2374

TABLE 6. Post hoc tests for pairwise differences in the sound parameters of *P. pallidula* to the respective casts and of *P. favieri* between the three kinds of pulses. Fisher's least significant difference (LSD) was used to test for the equality of means. * indicates differences at $P < 0.05$.

<i>P. pallidula</i>			Mean Difference (I-J)		
I	J	Pulse length (s)	PRF (s ⁻¹)	Frequency (Hz)	Intensity (dB)
q	s	0.0005*	-0.3344*	0.0023	-0.1450*
	w	0.0041*	-0.3812*	0.0849*	-0.3665*
s	q	-0.0006	0.3344*	-0.0023	0.1450*
	w	0.0035*	-0.0468	0.0826*	-0.2215*
w	q	-0.0041*	0.3812*	-0.0849*	0.3665*
	s	-0.0035*	0.0468	-0.0826*	0.2215*
<i>Paussus favieri</i>					
Pa	Pb	0.0081*	-0.3971*	0.3697*	-0.0560*
	Pc	0.0015*	0.6410*	0.0087	-0.0883*
Pb	Pa	-0.0081*	0.3971*	-0.3697*	0.0560*
	Pc	-0.0065*	1.0381*	-0.3611*	-0.0323*
Pc	Pa	-0.0015*	-0.6410*	-0.0087	0.0883*
	Pb	0.0065*	-1.0381*	0.3611*	0.0323*