TABLE S2 | Comparative morphometry of means between species. Mean and range in millimeters. In bold, significant values (p-value < 0.05). CL, caudal length; DGS1, distance between first gill slits; DGS5, distance between fifth gill slits; DL, disc length; CLB, clasper base width; CLI, clasper inner length; CLO, clasper outer length; DW, disc width; DWE, disc width at eye line; EYD, eye diameter; FDC, distance from first dorsal fin origin to posterior end of caudal fin; GS1, first gill slit width; GS3, third gill slit width; GS5, fifth gill slit width; INO, interorbital distance; INW, internasal distance; MOW, mouth width; PFD, distance from posterior margin of pelvic fin to first dorsal fin origin; PNR, prenasal length; POB, preorbital length; POR, preoral length; SVL, snout-vent length. N = number of individuals.

Measurements	*P. extenta*			*P. lentiginosa*			*P. rutrum*			Kruskal-Wallis		
	Mean	Range	N	Mean	Range	N	Mean	Range	N	X^2	df	p-value
DW	128.55	108.22–148.22	37	129.48	104.48–141.43	22	135.34	108.12–151.83	23	14.32	2	**0.005**
CL	129.36	111.08–145.79	37	140.67	117.10–159.19	22	127.4	113.81–146.22	23	15.73	2	**1.328e-5**
DL	104.54	87.78–118.94	37	111.52	96.64–124.33	22	114.25	95.17–131.53	23	20.79	2	**2.663e-4**
POB	22.76	17.35–26.67	37	26.78	21.41–33.88	22	22.96	14.72–27.72	22	31.73	2	**1.8756e-5**
PNR	17.31	10.62–21.96	37	20.68	15.53–24.46	22	17.95	12.79–22.99	22	28.13	2	**1.736e-4**
INW	9.13	6.90–11.51	37	11.18	9.58–13.06	22	9.99	6.14–12.81	23	29.83	2	**5.67e-7**
EYD	6.88	5.56–9.63	37	8.67	6.65–10.58	22	7.82	5.21–10.64	23	33.57	2	**1.865e-6**
INO	8.81	4.63–10.73	37	8.40	7.24–9.56	22	9.08	7.95–11.16	23	6.86	2	**0.033**
POR	23.66	18.16–28.38	37	29.38	23.09–33.96	22	25.64	15.89–32.61	23	33.22	2	**2.609e-7**
SVL	94.76	77.49–135.86	36	103.57	84.54–115.12	22	102.67	90.75–114.60	22	20.14	2	**3.909e-6**
MOW	15.83	12.68–20.03	37	18.74	14.32–23.73	22	16.81	13.21–23.67	23	27.70	2	**2.701e-5**
FDC	33.27	24.73–41.50	36	29.55	23.79–36.02	21	33.80	23.14–42.36	19	2.43	2	**1.364e-4**
PFD	72.20	58.60–89.41	36	82.99	61.02–96.37	22	69.38	53.15–81.24	19	24.90	2	**4.417e-7**
GS1	4.30	2.87–5.49	29	4.26	3.14–5.35	21	4.72	3.47–5.79	22	10.08	2	**0.014**
GS3	4.14	3.14–5.09	29	3.99	3.30–4.72	21	4.41	3.47–5.49	22	3.97	2	0.072
GS5	3.37	1.99–5.08	27	3.06	2.45–3.84	21	3.61	2.90–5.30	22	2.31	2	**0.006**
DGS1	31.33	24.22–37.01	32	31.57	28.12–35.36	22	32.06	25.29–39.26	20	11.50	2	0.579
DGS5	15.70	11.76–19.98	30	16.51	13.86–21.40	22	17.16	13.83–21.28	19	9.03	2	**0.039**
DWE	72.61	57.27–88.32	37	77.23	63.47–87.82	22	76.92	52.29–93.66	23	22.21	2	0.053
CLB	7.17	1.73–11.81	16	6.91	3.23–8.63	8	9.35	6.87–12.15	7	0.98	2	0.301
CLI	28.49	6.74–38.87	16	37.95	7.39–38.61	8	41.26	27.37–34.22	7	6.54	2	0.221
CLO	22.50	8.87–46.50	16	29.55	10.05–51.70	8	30.10	37.58–44.92	7	5.63	2	0.298

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