

Supplementary material 2: Genetic distance p uncorrected (in %) 16S rRNA between sampling locations of *P. latro* 1) *P. latro* (Santarém, PA); 2) *P. latro* (Anapu, PA); 3) *P. latro* (Altamira, PA); 4) *P. latro* (Senador José Porfírio, PA); 5) *P. latro* (Altamira, PA); 6) *P. latro* (Medicilândia, PA); 7) *P. latro* (Brasil Novo, PA); 8) *P. fenestratus* (Manaus, AM); 9) *P. psamaipatae* (Bolivia); 10) *P. koehleri* (Bolívia); 11) *P. chiastonotus* (French Guyana) 12) *P. fenestratus* (Borba, AM); 13) *P. fenestratus* (Bolivia); 14) *P. fenestratus* (Borba, AM); 15) *P. vilarsi* (Colombia); 16) *P. conspicillatus* (Ecuador); 17) *P. zeeuctotylus* (Monte Alegre, PA); 18) *P. achatinus* (Colombia); 19) *P. zeeuctotylus* (Obidos, PA); 20) *P. zeeuctotylus* (Alenquer, PA) and 21) *P. skydmainos* (Peru).

11	9.1	8.7	7.7	7.7	7.8	8.0	8.0	9.2	9.1	8.6										
12	9.4	8.9	9.0	9.0	8.9	8.7	8.7	2.0	4.7	1.5	8.8									
13	9.4	9.1	8.5	8.5	8.7	8.8	8.8	3.0	5.6	2.6	7.9	2.8								
14	11.1	11.4	11.4	11.4	11.5	11.6	11.7	12.0	10.8	10.5	11.8	11.1	12.2							
15	11.4	11.1	11.1	11.1	11.2	11.4	11.4	13.7	12.0	13.7	14.4	13.9	14.4	16.6						
16	12.2	11.4	11.4	11.4	11.5	11.6	11.7	12.0	10.8	11.4	12.9	11.9	11.7	12.8	11.7					
17	13.7	14.0	14.0	14.0	14.1	14.3	14.3	13.7	12.8	13.7	14.2	13.9	12.9	16.6	9.6	12.2				
18	13.7	13.3	12.8	12.8	12.8	12.8	12.8	13.6	13.8	13.0	15.4	13.5	13.8	17.1	13.4	8.6	15.6			
19	14.0	14.3	14.3	14.3	14.4	14.6	14.6	14.2	13.3	14.2	14.5	14.4	13.4	17.1	9.5	12.1	0.8	15.4		
20	14.1	14.5	14.4	14.4	14.6	14.8	14.7	14.2	13.3	14.1	14.6	14.4	13.3	17.1	9.5	12.1	0.7	15.5	0.2	
21	16.9	16.5	15.7	15.7	15.9	16.0	16.0	13.7	13.1	14.0	15.5	14.2	13.6	18.4	13.7	10.2	14.6	14.3	14.5	14.4
