

Herbarium DNA degradation: falling to pieces non-randomly

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ESM Appendix 3 (pp 1-2):

The same data as in ESM Appendix 1, now showing rate parameter values for the fitted exponential distributions, and shape and scale parameters for the fitted gamma distributions, along with associated loglikelihood and Akaike Information Criterion values, for all 56 data sets. Green colour indicates data set from specimens collected in the wet-tropics.

dataset	rate	shape	scale	loglikexp	loglikgamma	AlCexp	AlCgamma	deltAIC
X2Lact	0.008674	8.139094	14.16404	-27300688.27	-24110364.78	54601378.54	48220733.56	6380644.985
X3Lact42	0.009309	7.266757	14.78288	-5408891.59	-4817969.11	10817785.18	9635942.22	1181842.959
X4Lact36	0.014084	5.943453	11.94632	-8774480.465	-7889656.009	17548962.93	15779316.02	1769646.913
X7Lact64	0.015968	6.559144	9.547808	-9321434.069	-8279394.025	18642870.14	16558792.05	2084078.087
X9Lact7	0.009737	7.251755	14.1626	-34359994.5	-30581881.86	68719991.01	61163767.73	7556223.282
X12Lact43	0.011194	5.656146	15.79345	-22835422.76	-20719065.7	45670847.53	41438135.4	4232712.122
X19Lact	0.010478	5.045672	18.9141	-12091227.09	-11091166.03	24182456.19	22182336.06	2000120.126
X24Lact	0.009653	6.948089	14.90944	-37887877.38	-33857411.8	75775756.76	67714827.61	8060929.151
X69Nico	0.011281	6.21723	14.25746	-14277260.03	-12844134.18	28554522.06	25688272.35	2866249.715
X33Aeth	0.013053	5.262244	14.55867	-3831113.821	-3488271.493	7662229.643	6976546.986	685682.6568
X34Aeth	0.011134	5.173427	17.36013	-50953957.07	-46593801.55	101907916.1	93187607.11	8720309.027
X37Aeth2	0.011456	4.572304	19.09183	-3414218.447	-3153240.186	6828438.895	6306484.371	521954.5237
X38Aeth5	0.010521	5.726323	16.59818	-14482754.26	-13141478.38	28965510.51	26282960.76	2682549.756
X40Aeth0	0.010129	5.321418	18.55252	-78123587.58	-71382643.49	156247177.2	142765291	13481886.17
X44Aeth	0.010686	5.167113	18.11002	-67876896.9	-62118114.34	135753795.8	124236232.7	11517563.12
X50Aeth4	0.014037	5.221077	13.64431	-75552292.02	-68746307.31	1511104586	137492618.6	13611967.43
X51Aeth	0.010854	5.316586	17.32853	-55093525.18	-50283750.69	110187052.4	100567505.4	9619546.99
X52Aeth	0.015137	4.848852	13.62427	-57510479.67	-52604336.98	115020961.3	105208678	9812283.382
X53Aeth	0.011305	5.518412	16.02998	-46671481.04	-42429550.05	93342964.07	84859104.1	8483859.977
X55Aeth	0.011974	5.734871	14.56196	-65105051.43	-58923918.25	130210104.9	117847840.5	12362264.37
X57Tare	0.008584	8.317569	14.00539	-33853852.91	-29846618.92	67707707.82	59693241.84	8014465.98
X58Dove1	0.012125	6.289252	13.11383	-27103653.5	-24321281.41	54207309.01	48642566.82	5564742.182
X64Anth	0.015706	5.605145	11.35904	-70707956.46	-63778333.34	141415914.9	127556670.7	13859244.23
X60Hypo	0.017737	6.056695	9.308814	-25700739.22	-22947887.28	51401480.43	45895778.56	5505701.872
X61Cerato	0.014284	5.811939	12.04586	-67463565.62	-60768314.06	134927133.2	121536632.1	13390501.12
X65Kare	0.011354	6.358305	13.85197	-5649987.621	-5072082.908	11299977.24	10144169.82	1155807.428
X66Kare	0.017662	7.420575	7.630041	-1924535.296	-1683928.664	3849072.591	3367861.329	481211.2624
X90Dupa	0.008853	7.603248	14.85711	-22695693.34	-20156843.24	45391388.68	40313690.48	5077698.201
X89Hyme	0.014452	5.532598	12.50705	-1771550.12	-1602607.61	3543102.239	3205219.22	337883.0193
X85Hyme	0.013476	6.1521	12.06226	-6686949.079	-5999102.202	13373900.16	11998208.4	1375691.754
X86Paph	0.028781	7.45123	4.663037	-9274651.879	-7986836.036	18549305.76	15973676.07	2575629.686
X75Pelega	0.021048	7.037218	6.751469	-63044261.79	-55188037.36	126088525.6	110376078.7	15712446.86

X78Pmin	0.011243	6.017297	14.78182	-25171386.71	-22712426.25	50342775.42	45424856.5	4917918.919
X77Prenift	0.019691	7.571261	6.707438	-4828123.293	-4202270.783	9656248.586	8404545.565	1251703.02
X79Hyps	0.023163	8.231461	5.24478	-17857674.98	-15321403.68	35715351.97	30642811.36	5072540.606
X82Anax	0.01304	5.113043	14.99846	-49559132.99	-45239579.77	99118267.99	90479163.53	8639104.456
X80Monar	0.008966	7.716538	14.45344	-38801915.23	-34406110.8	77603832.46	68812225.59	8791606.874
X81Monar	0.008799	7.78274	14.60199	-23095054.56	-20471592.53	46190111.13	40943189.06	5246922.063
X83Desm	0.009798	5.890255	17.3279	-22441161.7	-20339903.41	44882325.39	40679810.82	4202514.571
X84Conv	0.023281	9.113994	4.712989	-37067.15855	-31432.81594	74136.31709	62869.63187	11266.68522
X92Bego	0.018585	5.249364	10.25028	-43951056.51	-39748468.74	87902115.03	79496941.47	8405173.555
X94Bego	0.012517	5.514572	14.48688	-35180773.33	-31924641.06	70361548.67	63849286.12	6512262.553
X91Aralia	0.008755	7.390569	15.45421	-42298848.65	-37670838.69	84597699.29	75341681.39	9256017.909
X70Rinor9	0.009955	6.109795	16.44085	-41274818.76	-37280701.25	82549639.53	74561406.49	7988233.036
X71Rinor6	0.011125	6.622381	13.57354	-29392038.12	-26299423.89	58784078.24	52598851.77	6185226.469
X74Rinor7	0.009252	6.616588	16.33617	-18629492.99	-16734182.17	37258987.99	33468368.34	3790619.643
X88Hebelc	0.009209	6.426738	16.89738	-24832868.44	-22365049.49	49665738.89	44730102.98	4935635.906
X32Cicer	0.01243	5.622278	14.30877	-18109714.22	-16407493.52	36219430.44	32814991.04	3404439.4
X001Ptetri	0.006465	31.8522	4.85615	-2828688.832	-2209620.984	5657379.664	4419245.967	1238133.697
X002Paust	0.008328	7.322473	16.39857	-7106779.648	-6341067.573	14213561.3	12682139.15	1531422.149
X003Pcitr	0.006537	27.62167	5.538532	-2390018.74	-1893595.718	4780039.48	3787195.436	992844.044
X004Pgibb	0.006531	25.71246	5.954959	-2501108.314	-1996158.45	5002218.628	3992320.9	1009897.728
X005Pfulg	0.006544	29.29788	5.216116	-2478439.821	-1951737.944	4956881.642	3903479.888	1053401.753
X27mult	0.011555	3.68628	23.47578	-6386544.129	-6000519.961	12773090.26	12001043.92	772046.3366
X21abro	0.008228	9.375605	12.96309	-340745.3671	-297470.5247	681492.7342	594945.0495	86547.68467
P3	0.006722	16.7106	8.902816	-4741700.786	-3944363.237	9483403.571	7888730.474	1594673.097
mean	0.01224	8.126677	13.10674					
stdev	0.004552	6.039378	4.289744					
max	0.028781	31.8522	23.47578					