

Appendix 26 – Sand, Estimated total length in mm of saithe, pollack and *Pollachius* based on otolith measurement 2 from the main shell midden | Rachel Parks

The data in this table can be obtained from the project archive on the Archaeology Data Service (ADS) website, after agreeing to their terms and conditions:

[ads.ahds.ac.uk/catalogue/resources.html?sfs\\_ba\\_2007](https://ads.ahds.ac.uk/catalogue/resources.html?sfs_ba_2007) > Downloads > Data > Artefact and ecofact catalogues. From here you can download the file

'[zooarchaeology\\_fish\\_measurement\\_appendices\\_13.9.4.pdf](#)' (pages 33–39). See also the draft version '[sand\\_bone\\_report\\_appendix\\_Parks.pdf](#)' in Specialists reports.

The written report can be found in [Section 3.11](#) or as an archive version at the ADS > Downloads > Documents > Final Reports. From here you can download the file

'[Parks\\_&\\_Barrett,\\_zoo-archaeology\\_of\\_Sand\\_22.9.04.pdf](#)'. See also the draft version of the report '[sand\\_bone\\_report,\\_Parks.pdf](#)' in Documents > Specialist reports.

otolith M2	logged measurement	total length estimate
6.31	2.82	663.81
3.77	2.48	300.31
3.58	2.44	277.32
3.89	2.50	315.15
3.61	2.45	280.91
3.80	2.48	304.00
3.45	2.42	261.96
4.19	2.55	353.35
3.46	2.42	263.13
3.05	2.34	216.68
3.20	2.37	233.31
4.70	2.63	421.73
2.34	2.16	144.08
2.35	2.16	145.03
3.16	2.36	228.83
3.35	2.40	250.36
2.53	2.21	162.48
2.43	2.18	152.70
2.32	2.15	142.18
4.97	2.66	459.61
2.69	2.25	178.57
2.38	2.17	147.89

3.11	2.35	223.28
2.06	2.07	118.40
2.17	2.11	128.28
2.75	2.27	184.74
3.39	2.41	254.98
2.67	2.25	176.53
3.36	2.40	251.51
3.66	2.46	286.92
3.47	2.42	264.31
3.93	2.51	320.16
3.44	2.42	260.80
2.39	2.17	148.84
3.30	2.39	244.63
6.03	2.79	619.00
3.46	2.42	263.13
3.52	2.43	270.19
3.47	2.42	264.31
3.82	2.49	306.46
3.71	2.47	292.98
3.47	2.42	264.31
2.60	2.23	169.46
2.29	2.14	139.36
3.92	2.50	318.90
3.57	2.44	276.13
2.47	2.19	156.59
2.27	2.14	137.49
6.75	2.87	736.42
4.28	2.56	365.11
3.80	2.48	304.00
2.44	2.19	153.67
2.88	2.30	198.36
3.89	2.50	315.15
3.57	2.44	276.13
3.60	2.45	279.71
2.29	2.14	139.36
5.30	2.71	507.44
2.34	2.16	144.08
2.25	2.13	135.63
3.91	2.50	317.65
3.72	2.47	294.20
3.45	2.42	261.96
3.74	2.47	296.63
3.27	2.38	241.21
3.44	2.42	260.80
3.51	2.43	269.01

3.76	2.48	299.08
3.34	2.40	249.21
3.16	2.36	228.83
2.37	2.17	146.93
3.76	2.48	299.08
3.86	2.49	311.42
3.62	2.45	282.11
3.71	2.47	292.98
4.63	2.61	412.09
2.16	2.11	127.37
2.48	2.20	157.56
2.70	2.25	179.60
2.39	2.17	148.84
4.70	2.63	421.73
2.47	2.19	156.59
2.41	2.18	150.77
2.63	2.24	172.48
3.99	2.52	327.72
2.77	2.27	186.82
2.04	2.07	116.64
3.66	2.46	286.92
2.96	2.32	206.91
2.36	2.16	145.98
2.51	2.21	160.51
2.98	2.32	209.07
3.12	2.35	224.39
7.14	2.90	802.96
6.54	2.85	701.44
3.85	2.49	310.18
4.32	2.57	370.38
3.64	2.45	284.51
3.35	2.40	250.36
3.34	2.40	249.21
2.32	2.15	142.18
3.53	2.43	271.38
4.37	2.58	377.00
3.51	2.43	269.01
4.09	2.53	340.45
4.09	2.53	340.45
4.11	2.54	343.02
3.99	2.52	327.72
3.88	2.50	313.91
3.20	2.37	233.31
2.55	2.22	164.46
2.63	2.24	172.48

3.92	2.50	318.90
3.75	2.47	297.86
3.25	2.38	238.95
2.91	2.30	201.56
3.23	2.37	236.69
2.17	2.11	128.28
3.81	2.48	305.23
3.33	2.39	248.06
2.62	2.23	171.47
2.53	2.21	162.48
2.37	2.17	146.93
3.28	2.38	242.35
2.87	2.30	197.31
2.60	2.23	169.46
2.66	2.24	175.52
2.58	2.22	167.45
2.27	2.14	137.49
3.82	2.49	306.46
2.48	2.20	157.56
2.65	2.24	174.50
2.30	2.15	140.30
2.82	2.28	192.04
2.67	2.25	176.53
2.48	2.20	157.56
2.95	2.31	205.84
2.97	2.32	207.99
2.66	2.24	175.52
3.34	2.40	249.21
2.46	2.19	155.61
2.41	2.18	150.77
6.15	2.80	638.07
2.40	2.18	149.80
2.81	2.28	190.99
3.63	2.45	283.31
2.28	2.14	138.43
3.76	2.48	299.08
3.78	2.48	301.53
3.65	2.46	285.71
3.57	2.44	276.13
3.59	2.44	278.51
4.71	2.63	423.11
3.72	2.47	294.20
3.34	2.40	249.21
2.00	2.05	113.13
4.07	2.53	337.89

3.24	2.38	237.82
3.54	2.44	272.56
2.34	2.16	144.08
2.28	2.14	138.43
3.63	2.45	283.31
7.61	2.95	885.79
5.73	2.76	572.21
5.85	2.77	590.77
3.47	2.42	264.31
3.51	2.43	269.01
4.47	2.59	390.37
3.48	2.42	265.48
3.76	2.48	299.08
3.60	2.45	279.71
2.53	2.21	162.48
3.77	2.48	300.31
2.38	2.17	147.89
2.50	2.20	159.52
3.20	2.37	233.31
2.40	2.18	149.80
2.21	2.12	131.94
3.57	2.44	276.13
5.70	2.75	567.61
3.74	2.47	296.63
2.45	2.19	154.64
3.36	2.40	251.51
3.68	2.46	289.34
3.76	2.48	299.08
2.54	2.21	163.47
2.44	2.19	153.67
3.58	2.44	277.32
3.62	2.45	282.11
3.24	2.38	237.82
3.39	2.41	254.98
2.78	2.27	187.86
3.31	2.39	245.77
2.94	2.31	204.76
2.28	2.14	138.43
3.46	2.42	263.13
3.41	2.41	257.30
3.94	2.51	321.41
3.39	2.41	254.98
2.56	2.22	165.46
3.36	2.40	251.51
2.56	2.22	165.46

2.67	2.25	176.53
2.78	2.27	187.86
3.56	2.44	274.94
3.56	2.44	274.94
2.49	2.20	158.54
3.64	2.45	284.51
3.33	2.39	248.06
3.57	2.44	276.13
2.55	2.22	164.46
2.35	2.16	145.03
3.91	2.50	317.65
2.38	2.17	147.89
2.28	2.14	138.43
2.28	2.14	138.43
3.37	2.40	252.67
2.56	2.22	165.46
3.65	2.46	285.71
2.29	2.14	139.36
6.51	2.84	696.49
3.98	2.51	326.45
4.13	2.54	345.59
2.69	2.25	178.57
3.81	2.48	305.23
3.66	2.46	286.92
2.26	2.14	136.56
2.51	2.21	160.51
6.93	2.88	766.88
5.28	2.70	504.49
2.67	2.25	176.53
3.51	2.43	269.01
3.84	2.49	308.94
2.21	2.12	131.94
2.14	2.10	125.56
2.27	2.14	137.49
2.21	2.12	131.94
2.29	2.14	139.36
5.94	2.78	604.83
5.68	2.75	564.54
3.74	2.47	296.63
2.70	2.25	179.60
5.02	2.67	466.75
4.19	2.55	353.35
4.92	2.66	452.51
4.07	2.53	337.89
4.12	2.54	344.30

5.12	2.68	481.14
2.91	2.30	201.56
3.44	2.42	260.80
2.60	2.23	169.46
3.70	2.47	291.76
3.27	2.38	241.21
2.88	2.30	198.36
2.79	2.28	188.90
3.34	2.40	249.21
2.11	2.09	122.86
3.10	2.35	222.18
3.68	2.46	289.34
2.97	2.32	207.99
3.74	2.47	296.63
2.44	2.19	153.67
2.48	2.20	157.56
3.82	2.49	306.46
5.18	2.69	489.86
3.99	2.52	327.72
3.36	2.40	251.51
3.58	2.44	277.32
2.53	2.21	162.48
3.56	2.44	274.94
2.87	2.30	197.31
2.19	2.11	130.10
3.95	2.51	322.67
2.54	2.21	163.47
2.76	2.27	185.78
2.82	2.28	192.04
2.54	2.21	163.47
2.53	2.21	162.48
2.66	2.24	175.52
3.94	2.51	321.41
3.98	2.51	326.45
2.74	2.26	183.71
2.30	2.15	140.30
2.49	2.20	158.54
2.44	2.19	153.67
3.90	2.50	316.40
5.20	2.69	492.77
3.84	2.49	308.94
3.81	2.48	305.23
4.08	2.53	339.17
3.44	2.42	260.80
3.70	2.47	291.76

4.12	2.54	344.30
3.49	2.43	266.66
4.02	2.52	331.52
3.45	2.42	261.96
3.99	2.52	327.72
3.22	2.37	235.56
3.37	2.40	252.67
3.29	2.39	243.49
3.61	2.45	280.91
3.39	2.41	254.98
3.99	2.52	327.72
3.64	2.45	284.51
3.28	2.38	242.35
2.46	2.19	155.61

Estimated total length of saithe, pollack and *Pollachius* based on otolith measurement 2 from the main shell midden

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