

Appendix 1: Radiocarbon Dates from West Coast Dune Sheets										
Dune Sheet/ Sample Site	UTM-N	UTM-E	Setting	Depth (m)	Material Rad/AMS Material (d13C) Mar.Res.Corr. (MRC)	Conventional C14 ±1s. BP	Calibrated C14 ±1s. BP	Lab Number	Reference#	
North Beaches										
NORT1/COPA1	5218310	410710	Foredune	1.5	Shell AMS (MRC)	680±50	Modern	Beta-109952	Woxell, 1998	
Minard	5207670	412540	Beach Plain Pit	1.5	Organics	1080±110	986±183	I-4863	Roll, 1974	
Grayland										
NSMI5	5177355	418770	Peat Bog	0.7	Peat AMS	910±40	846±64	Beta-116542	Herb, 2000	
Gould Rd	5178456	417919	Peat Bog	0.7	Wood AMS	910±50	840±71	Beta-122810	Schlichting, 2000	
GRAY17/BigDune	5176100	417200	Dune Ridge	2.0	Tree Stump	230±70	216±211	Beta-22386	Phipps et al., 2001	
Long Beach										
SandR.JJ	5151230	421383	Beach Plain	3.0	Wood	4250±70	4756±114	TO-4831	Meyers et al., 1996	
W1Loom	5143155	419105	Foredune	4.5	Wood	300±70	377±81	Beta-79506	Meyers et al., 1996	
W2Loom	5143150	419255	Beach Plain	3.0	Wood	1100±60	998±63	Beta-79505	Meyers et al., 1996	
Loomis	5143100	419795	Beach Plain	4.0	Charred Wood	2,500±60	2602±132	Beta-79504	Meyers et al., 1996	
S.Loom	5141766	419935	Pond/Bog	2.3	Peat AMS	1310±70	1233±61	Beta-111642	Schlichting, 2000	
Cran	5137818	419816	Beach Plain	4.0	Wood	2420±60	2527±177	Beta-129528	Meyers et al., 1996	
S.Cran	5137718	419716	Peat Bog	0.6	Wood AMS	1450±50	1343±44	Beta-122809	Schlichting, 2000	
Briscoe	5136623	419288	Pond	0.9	Peat AMS	1240±60	1169±89	Beta-11640	Schlichting, 2000	
Tinker Lk	5133837	419359	Peat Bog	0.7	Peat AMS	860±50	793±91	Beta-122811	Schlichting, 2000	
LONG23/SEVE1	5133033	418826	Beach Plain	1.5	Wood	130±40	136±135	Beta-109955	Woxell, 1998	
Clatsop										
CLAT10/SECO1	5109242	426819	Dune Ridge	4.0	Paleosol	180±60	148±147	Beta-116546	Woxell, 1998	
CLAT17/PERK4	5108572	429006	Peat Bog	2.0	Wood	3110±70	3324±111	Beta-116544	Woxell, 1998	
Rankin#3	5108811	428821	Peat Bog	2.5	Peat	2910±115	3047±161	UW-601	Rankin, 1983	
Rankin#1	5103271	430110	Peat Bog	3.5	Peat	2785±85	2872±93	UW-599	Rankin, 1983	
Rankin#7	5101259	430602	Peat Bog	4.5	Peat	3070±65	3265±95	UW-605	Rankin, 1983	
Rankin#4	5101270	430850	Pond	8.0	Wood	4050±70	4603±184	UW-602	Rankin, 1983	
PAUL1	5100555	428370	Dune Ridge	2.5	Paleosol	160±60	143±141	Beta-109954	Woxell, 1998	
CLAT25/SHAM1	5098861	429200	Dune Ridge	1.0	Shell (MRC)	2110±50	1276±66	Beta-116547	Woxell, 1998	
CLAT34/SALM1	5097939	430398	Peat Bog	1.5	Peat	2560±60	2622±130	Beta-116548	Woxell, 1998	
Manzanita										
TI-57: Nehalem	5060900	428250	Dune Paleosol		Charcoal	340±60	380±100	Beta-41035	Minor 1991	
TI-57: Nehalem	5060900	428250	Dune Paleosol		Charcoal	470±70	510±30	Beta-41034	Minor 1991	
TI-57: Nehalem	5060900	428250	Dune Paleosol		Charcoal	490±50	520±20	Beta-41031	Minor 1991	
TI-57: Nehalem	5060900	428250	Holo. Dune Top		Charcoal	580±60	550±90	Beta-41033	Minor 1991	
TI-57: Nehalem	5060900	428250	Holo. Dune Top		Charcoal	630±50	600±50	Beta-40650	Minor 1991	
TI-57: Nehalem	5060900	428250	Holo. Dune Top		Charcoal	640±60	590±70	Beta-41032	Minor 1991	
TI-62: Nehalem	5060400	428100	Holo. Dune Top		Charcoal	480±80	510±30	Beta-77233	Moss & Erlandson 1995	
TI-62: Nehalem	5060400	428100	Holo. Dune Top		Marine Shell	780±70	530±90	Beta-77234	Moss & Erlandson 1995	
Netarts										
NETA6/Capes	5033180	424760	Dune Ramp Top	3.0	Charred Wood	1919±60	1850±70	Beta-178109	This Report	

TI-1:Netarts Spit	5028800	424950	Holo. Dune Top		Wood	150±150	140±170	M-805	Newman, 1959	
TI-1:Netarts Spit	5028800	424950	Holo. Dune Top		Charcoal	550±150	540±120	M-904	Newman, 1959	
TI-1: Netarts Spit	5028800	424950	Holo. Dune Top		Charred wood-AMS	630±50	580±70	AA-45495	Losey 2002	
TI-1: Netarts Spit	5028800	424950	Holo. Dune Top		Charred wood-AMS	510±50	530±20	AA-45494	Losey 2002	
TI-1: Netarts Spit	5028800	424950	Dune soil		Seeds (<i>Sambucus</i>)	520±50	530±90	AA-45489	Losey 2002	
TI-1: Netarts Spit	5028800	424950	Dune soil		Marine shell-AMS	1020±40	430±100	AA-40316	Losey 2002	
TI-1: Netarts Spit	5028800	424950	Dune soil		Marine shell-AMS	1000±40	420±110	AA-40315	Losey 2002	
TI-1: Netarts Spit	5028800	424950	Dune soil		Charred cone-AMS	360±40	350±130	AA-42072	Losey 2002	
TI-1: Netarts Spit	5028800	424950	Dune soil		Charred wood-AMS	1770±80	1640±180	AA-45491	Losey 2002	
TI-1: Netarts Spit	5028800	424950	Dune soil		Wood charcoal-AMS	305±40	400±100	AA-42074	Losey 2002	
TI-43:Netarts Spit	5028400	424900	Holo. Dune Top		Marine shell	410±60	250±130	Beta-77231	Moss & Erlandson 1995	
TI-43:Netarts Spit	5028400	424900	Holo. Dune Top		Marine shell	510±60	300±120	Beta-80553	Moss & Erlandson 1995	
TI-45:Netarts Spit	5028400	424900	Holo. Dune Top		Charcoal	1170±50	1060±100	Beta-80554	Moss & Erlandson 1995	
CapeLookoutParka	5022850	423900	Dune Ramp Top	<1	Charred Wood	970±60	894±99	Beta-124459	Minor, 1999	
CapeLookoutParkb	5022850	423900	Dune Ramp Top	<2	Charred Wood	1220±60	1152±86	Beta-124458	Minor, 1999	
Pacific City										
SandLakeParabolic	5017100	424650	Parabolic Dune			1600	1474±56		Wiedemann, 1990	
SandLakeSeaCliff	5017000	424600	Dune Paleosol	~5		4820±20	5541±52		Wiedemann, 1990	
PACI Kiwanda#1	5007790	423490	Dune Paleosol	2.0	Charred (-25.0)	170±60	143±143	Beta-89157	This Report	
PACI Kiwanda#2	5007790	423490	Dune Paleosol	3.6	Charred (-25.0)	1020±60	924±123	Beta-89159	This Report	
PACI Kiwanda#3	5007790	423490	Dune Paleosol	10.6	Charred (-25.0)	2440±50	2525±166	Beta-74336	This Report	
PACI Kiwanda#4a	5007790	423490	Dune Paleosol	17.7	Charred (-25.0)	3450±80	3731±101	Beta-89159	This Report	
PACI Kiwanda#4b	5007790	423490	Dune Paleosol	17.7	Charred (-25.0)	3490±60	3765±74	Beta-89160	This Report	
PACI Kiwanda#6	5007790	423490	Dune Paleosol	27.8	Charred (-25.0)	4080±80	4625±182	Beta-89161	This Report	
PACI Kiwanda#7	5007790	423490	Dune Paleosol	37.9	Charred (-25.0)	4500±70	5170±122	Beta-89162	This Report	
PACI Kiwanda#8	5007790	423490	Dune Paleosol	44.0	Charred (-25.0)	4660±90	5440±138	Beta-89163	This Report	
KiwandaPaleosol#1	5007800	423500	Dune Paleosol		Charcoal	70±90	140±130	Hel-4276	Junger et al., 2001	
KiwandaPaleosol#2	5007800	423500	Dune Paleosol		Charcoal	1040±80	940±100	Hel-4277	Junger et al., 2001	
KiwandaPaleosol#3	5007800	423500	Dune Paleosol		Charcoal	1960±90	1910±110	Hel-4278	Junger et al., 2001	
KiwandaPaleosol#5	5007800	423500	Dune Paleosol		Charcoal	3540±80	3825±105	Hel-4279	Junger et al., 2001	
Lincoln City										
LINC16/OutletMall	4978760	420100	E. Plies. Dune	8.2	Wood	>40,000		Beta	This Report	
LINC20/LoessCover	4978335	420550	Loess over Bedrock	0.7	Charred Root (-25.9)	490±50	515±18	Beta-172769	This Report	
BoilerBay35LNC45a	4964300	415950	Dune Ramp Top		Shell (MRC)	4380±90	5091±206	Beta-63320	Tasa and Connolly, 1995	
BoilerBay35LNC45b	4964300	415950	Dune Ramp Top		Shell (MRC)	4440±90	5081±196	Beta-63322	Tasa and Connolly, 1995	
Newport										
YaquinaHd35LNC62a	4947400	414650	Dune Ramp Top		Charcoal	4100±60	4665±142	Beta-3749	Minor, 1991	
YaquinaHd35LNC62b	4847400	414650	Dune Ramp		Charcoal	5030±60	5802±137	Beta-37500	Minor, 1991	
YaquinaHd35LNC62c	4847400	414650	Dune Ramp		Charcoal	5330±110	6130±137	Beta-37500	Minor, 1991	
NEWP106/Gully	4926060	413880	Dune Ramp Base	1.5	Charred AMS (-24.5)	2930±40	3085±67	Beta-172772	This Report	
NEWP122/HW101	4921610	414500	Pleis. Dune	5.8	Wood	>46,690		Beta-148091	This Report	
NEWP86/Lost Creek	4933080	414770	Dune Ramp Base	0.5	Wood (-25.3)	3420±60	3660±60	Beta-148094	This Report	
LNC14a/Seal Rock	4927150	413900	Dune Ramp Top	0.1	Charcoal	160±80	140±140	WSU-1642	Clark 1991	
LNC14b/Seal Rock	4927150	413900	Dune Ramp Top		Charcoal	375±70	460±50	WSU-1643	Clark 1991	
LNC14c/Seal Rock	4927150	413900	Dune Ramp Top	3.0	Shell	720±80	500±60	Beta-64626	Erlandson and Moss, 1993	

LINC146/N.Yachats	4908460	412320	Dune Ramp Top	1.0	Wood	1090±60	1000±60	Beta-148093	This Report		
NEWP151/S.Yachats	4906560	411960	Holo. Dune	0.8	Charred AMS (-28.4)	650±40	610±30	Beta-172771	This Report		
Florence											
NEWP152/HecetaHd	4888720	410460	Dune Ramp Base		Wood (-26.3)	5670±70	6555±95	Beta-148092	This Report		
LA16/Hobbit Trail	4888400	410500	Dune Ramp Base	0.7	Charcoal	270±70	300±130	Beta-64624	Erlandson and Moss, 1993		
LA17/Devils Elbow	4887300	410250	Sea Cliff H. Dune	1.3	Shell	490±60	290±40	Beta-94224	Erlandson and Moss, 1993		
Lilly Lake	4882600	410700	Lake Deposit	3.0	Wood	3030±70	3214±130	Beta-67454	Briggs, 1994		
FLOR12/CG1	4872750	409950	Base of H. Dunes	10.0	Wood	6900±70	7745±77	Beta-84373	Beckstrand, 2001		
LN-25a:Sius.Dune	4868510	410440	Dune Paleosol		Burned Tree (#2)	550±60	540±90	Beta-70385	Minor et al. 2000		
LN-25a:Sius.Dune	4868510	410440	Dune Paleosol		Burned Tree (#3)	550±60	540±90	Beta-70386	Minor et al. 2000		
LN-25a:Sius.Dune	4868510	410440	Dune Paleosol		Wood Charcoal	730±50	670±20	Beta-70382	Minor et al. 2000		
LN-25a:Sius.Dune	4868510	410440	Dune Paleosol		Wood Charcoal	980±60	920±130	Beta-70383	Minor et al. 2000		
LN-25a:Sius.Dune	4868510	410440	Dune Paleosol		Burned Tree (#1)	1210±90	1160±190	Beta-70384	Minor et al. 2000		
LN-25a:Sius.Dune	4868510	410440	Dune Paleosol		Burned Tree (#4)	2270±60	2330±170	Beta-70387	Minor et al. 2000		
LN-25a:Sius.Dune	4868510	410440	Dune Paleosol		Wood charcoal	4000±80	4490±80	Beta-70388	Minor et al. 2000		
FLOR35/TI1-1	4862150	409400	Dune Paleosol	0.1	Charred Wood	>46,500		Beta-84374	Beckstrand, 2001		
FLOR36/TI1-3	4862100	410080	Dune Paleosol		Charred Wood	710±60	630±67	Beta-89164	Beckstrand, 2001		
FLOR23/ODGP1	4867450	408650	Dune Paleosol	9.0	Wood AMS (-25.7)	780±40	710±25	Beta-185767	This Report		
FLOR26/ODGP3B	4867420	409360	Dune Paleosol	11.0	Org AMS (-26.8)	840±40	740±30	Beta-185768	This Report		
FLOR25a/ODGP4	4867580	408460	Beach Basal Lag	8.0	Shell AMS (-0.6)	8150±40	8365±47	Beta-185769	This Report		
FLOR25b/ODGP4	4867580	408460	Beach Basal Lag	11.0	Shell AMS (+1.0)	10,140±40	10,530±105	Beta-185770	This Report		
DO-130:Tahk. Lk	4850000	407800	Dune Barrage Lk.		Charcoal	3090±80	3280±110		Minor and Toepel 1986		
DO-130:Tahk. Lk	4850000	407800	Dune Barrage Lk.		Charcoal	3120±80	3360±140		Minor and Toepel 1986		
DO-130:Tahk. Lk	4850000	407800	Dune Barrage Lk.		Charcoal	3160±90	3380±110		Minor and Toepel 1986		
FLOR54/Sp1Ridge	4844560	407070	Pleis. Dune	2.2	Char AMS (-24.7)	>45,300		Beta-172773	This Report		
Coos Bay											
CS-114:Hauser	4815500	399000	Holo. Dune		Charcoal	2620±90	2750±185	Beta-35551	Musil 1998		
CS-114:Hauser	4815500	399000	Dune Barrage Lk		Charcoal	2760±70	2850±75	Beta-50016	Musil 1998		
CS-114:Hauser	4815500	399000	Dune Barrage Lk		Charcoal	2950±60	3100±110	Beta-70377	Musil 1998		
CS-114:Hauser	4815500	399000	Estuarine Shore		Charcoal	3220±70	3430±95	Beta-50015	Musil 1998		
CS-114:Hauser	4815500	399000	Estuarine Shore		Charcoal	3330±60	3560±130	Beta-50017	Musil 1998		
CS-114:Hauser	4815500	399000	Dune Paleosol		Charcoal	2870±70	2960±125	Beta-60713	Musil 1998		
CS-114:Hauser	4815500	399000	Dune Paleosol		Charcoal	2840±70	2940±130	Beta-60713	Musil 1998		
CS-114:Hauser	4815500	399000	Dune Paleosol		Charcoal	3050±50	3255±90	Beta-50018	Musil 1998		
Bandon											
CS-120:Spit S.End	4775400	384700	Dune Top Surface		Marine Shell	620±80	440±180	Beta-67580	Moss & Erlandson 1995		
CS-120:Spit S.End	4775400	384700	Dune Top Surface		Marine Shell	2310±60	2120±200	Beta-67579	Moss & Erlandson 1995		
CS-136:Coq Pt	4774400	383600	Dune Top		Charcoal	1010±70	990±90	Beta-82085	Tveskov et al. 1996		
CS-136:Coq Pt	4774400	383600	Dune Top		Charcoal	1070±60	1020±130	Beta-82084	Tveskov et al. 1996		
CS-136:Coq Pt	4774400	383600	Dune Top		Marine shell	1240±60	1010±90	Beta-82083	Tveskov et al. 1996		
CS-136:Coq Pt	4774400	383600	Dune Top		Marine shell	1240±60	1010±90	Beta-82083	Tveskov et al. 1996		
BAND8/GOLFB0HD	4784790	386850	Dune Ramp Base	3.4	AMS Charcoal	1700±40	1620±90	Beta-163484	This Report		
BAND9/GOLF175	4784640	386810	Dune Sea Cliff	1.7	AMS Charcoal	35,800±400		Beta-163485	This Report		
Gold Beach											
GOLD4702208a	4702210	382800	Dune Ramp	1.5	Char (-24.6)	3690±50	4020±70	Beta-172770	This Report		

GOLD4702208b	4702210	382800	Dune Ramp	1.5	Char AMS (-24.4)	5180±40	5950±25	Beta-172774	This Report		
Crook Point											
CU-31:Pistol R.	4679700	384200	Dune Top		Marine shell	490±70	290±120	Beta-66880	Moss & Erlandson 1995		
CU-31:Pistol R.	4679700	384200	Dune Top		Marine shell	700±70	490±50	Beta-66878	Moss & Erlandson 1995		
CU-31:Pistol R.	4679700	384200	Dune Top		Marine shell	740±60	520±90	Beta-80103	Moss & Erlandson 1995		
CU-31:Pistol R.	4679700	384200	Dune Top		Marine shell	760±80	510±50	Beta-80102	Moss & Erlandson 1995		
CU-31:Pistol R.	4679700	384200	Dune Top		Marine shell	810±70	550±90	Beta-91367	Moss & Erlandson 1995		
CU-31:Pistol R.	4679700	384200	Dune Top		Marine shell	840±60	590±70	Beta-73003	Moss & Erlandson 1995		
CU-31:Pistol R.	4679700	384200	Dune Top		Marine shell	890±90	630±90	Beta-66879	Moss & Erlandson 1995		
Indian Sands											
Cu-67C	4668000	387300	Deflated surface	0.0	Burned shell	7790±70	8370±70	Beta-73004	Moss & Erlandson 1998		
Cu-67C	4668000	387300	Deflated surface	0.0	Marine shell	8150±120	8890±300	Beta-66890	Moss & Erlandson 1998		
Cu-67C	4668000	387300	Deflated surface	0.0	Marine shell	8250±80	8980±170	Beta-66891	Moss & Erlandson 1998		
35CU67(5Ab)	4668000	387300	Dune Paleosol	2.0	Charred	26,240±270			Davis et al., 2004		
35CU67(5Ab)	4668000	387300	Dune Paleosol	2.0	Charred	28,830±330			Davis et al., 2004		
Point A. Nuevo											
Mid Dune Field			Base of Dune		Willow root in peat	2800±300			LeBoeuf and Kaza, 1981		
Eastside Dune Field			Predune wetland		Peat	6000			LeBoeuf and Kaza, 1981		
Sand Miguel Island											
² Stratigraphic position of dune samples CD= caps dune; DP=dune paleosol; BD=below dune; SS=Simonton soil; CH=C-horizon.											
³ AF=Abalone fishhook, B=Black abalone, C=Charcoal, L=Owl limpet; M=California mussel, R=Red abalone, S=Marine shell											
EastCuylerHarbor9a	3770200	745500	Sea Cliff Dune	DP	Shell	1090±55	490±40	OS-31602	Erlandson et al., 2005		
EastCuylerHarbor9b	3770200	745500	Basal Dune	BD	Shell	5110±70	5250±200	OS-30355	Erlandson et al., 2005		
EastmostCuyler87a	3770400	746000	East Dune Top	CD	Shell	2960±60	2420±80	Beta-146120	Erlandson et al., 2005		
EastmostCuyler87b	3770400	746000	E. Dune Surface	CD	Shell	2980±35	2450±100	OS-26071	Erlandson et al., 2005		
EastmostCuyler87c	3770400	746000	E. Dune Rock	CD	Charcoal	2510±55	2610±140	OS-27236	Erlandson et al., 2005		
EastmostCuyler87d	3770400	746000	E. Dune Top	CD	Shell	3090±70	2610±120	Beta-134832	Erlandson et al., 2005		
EastmostCuyler87f	3770400	746000	E. Dune	CD	Shell	3260±60	2780±40	Beta-145425	Erlandson et al., 2005		
EastmostCuyler87g	3770400	746000	West Dune Top	CD	Shell	3420±80	2980±120	Beta-134831	Erlandson et al., 2005		
EastmostCuyler87h	3770400	746000	West Dune Top	CD	Shell	3430±80	2990±130	Beta-146121	Erlandson et al., 2005		
EastmostCuyler87i	3770400	746000	Upper West Dune	CD	Shell	3460±60	3050±90	Beta-145426	Erlandson et al., 2005		
EastmostCuyler87j	3770400	746000	West Dune	CD	Shell	3500±50	3110±110	Beta-145427	Erlandson et al., 2005		
EastmostCuyler87k	3770400	746000	West Dune	DP	Shell	4190±90	3960±90	Beta-134835	Erlandson et al., 2005		
EastmostCuyler87l	3770400	746000	Central Swale	DP	Shell	4350±60	4160±80	Beta-134833	Erlandson et al., 2005		
EastmostCuyler87m	3770400	746000	West Basal Swale	DP	Shell	4570±60	4460±60	Beta-134834	Erlandson et al., 2005		
EastmostCuyler87n	3770400	746000	East Dune Base	DP	Shell	4650±110	4560±80	OS-37144	Erlandson et al., 2005		
E.CuylerRidge149	3770300	746400	Dune Top	CD	Shell	925±50	320±40	OS-37140	Erlandson et al., 2005		
E.CuylerRidge152	3770300	746400	Dune	CD	Shell	3060±80	2650±90	OS-37145	Erlandson et al., 2005		
E.CuylerRidge161	3770500	746200	Dune	DP	Charcoal	3960±60	4420±120	CAMS-?	Erlandson et al., 2005		
E.CuylerRidge163	3770100	746900	Dune	DP	Shell	880±35	290±20	OS33375	Erlandson et al., 2005		
E.CuylerRidge166	3770300	746400	Dune	CD	Shell	2840±55	2310±100	OS-37141	Erlandson et al., 2005		
W.CuylerBeach535	3771000	743500	Dune	DP	Shell	3580±80	3230±120	Beta-145314	Erlandson et al., 2005		
CardwellCairn172	3768100	748600	Deflation Surface	DP	Shell	6160±90	6330±60	Beta-42606	Erlandson et al., 2005		
SkyHill-SMI86	3770900	743000	Defla. Surf. Cover		Shell	6030±105		I-3717	Erlandson et al., 2005		

SkyHill-SMI87	3770900	743000	Deflation Surface		Charcoal	9750±150		I-4583	Erlandson et al., 2005	
LiberrysHill350a	3771600	743000	Holo. Dune Base	BD	Shell	6460±150	6670±180	I-3717	Erlandson et al., 2005	
LiberrysHill350b	3771600	743000	Simonton Soil	BD	Shell	7120±45	7410±70	OS-35401	Erlandson et al., 2005	
LiberrysHill350c	3771600	743000	Simonton Soil	BD	Charcoal	9750±150	11,180±370	I-4583	Erlandson et al., 2005	
BeachRock-SMI172	3771600	742000	Pleistocene Dune	DP	Charcoal	21,480±450	21,480±450	I-4614	Erlandson et al., 2005	
E.Charcoal-SMI171	3771500	741800	Pleistocene Dune	DP	Charcoal	>40,000		UCLA-1458	Erlandson et al., 2005	
CharcoalCovSMI174	3771300	741800	AbaloneMidden	DP	Shell	6450±130			Erlandson et al., 2005	
CharcoalCove388	3771400	741800	DJ.AbaloneMidden	DP	Shell	6880±130	7200±190	I-4587	Erlandson et al., 2005	
CharcoalCn438a	3771000	741500	Simonton Soil	BD	Shell	8370±80	8600±90	UCLA-148B	Erlandson et al., 2005	
CharcoalCn438b	3771000	741500	Simonton Soil	BD	Charcoal	9360±200	10,570±330	UCLA-148A	Erlandson et al., 2005	
Yardang-SMI179a	3771100	741500	Dune Base	BD	Charcoal	7940±80		UCLA1484b	Erlandson et al., 2005	
Yardang-SMI179a	3771100	741500	Dune Base	BD		9360±100		UCLA1484a	Erlandson et al., 2005	
Yardang-SMI180	3771100	741500	Simonton Soil	DP	Charcoal Stump	17,730±300		I-4586	Erlandson et al., 2005	
Yardang-SMI178	3771100	741500	Simonton Soil	DP	Charcoal	20,130±215			Erlandson et al., 2005	
RangePoleCn433	3770800	741100	Simonton Soil	BD	Shell	8010±140	8240±140	I-4852	Erlandson et al., 2005	
HatchCoverCove467	3770600	740400	Upper East Dune	DP	Shell	4950±70	4950±110	Beta-171121	Erlandson et al., 2005	
OtterHarborSMI181	3771000	738900	Pleistocene Dune	DP	Charcoal	>40,000		UCLA-1457	Erlandson et al., 2005	
OtterHarbor481a	3770900	738700	East Dune Top	CD	Shell	1000±35	430±50	OS-33353	Erlandson et al., 2005	
OtterHarbor481b	3770900	738700	Dune Top	CD	Shell	1290±60	640±80	Beta-139977	Erlandson et al., 2005	
OtterHarbor481c	3770900	738700	Dune Top	CD	Shell	1660±60	960±40	Beta-145429	Erlandson et al., 2005	
OtterHarbor481d	3770900	738700	Dune Top	CD	Shell	1830±60	1170±100	Beta-150317	Erlandson et al., 2005	
OtterHarbor481e	3770900	738700	Dune Top	CD	Shell	1870±35	1220±80	OS-27182	Erlandson et al., 2005	
OtterHarbor481f	3770900	738700	Dune Paleosol	DP	Shell	1980±70	1290±50	Beta-139978	Erlandson et al., 2005	
OtterHarbor481g	3770900	738700	West Dune Top	CD	Shell	1990±60	1300±40	Beta-139980	Erlandson et al., 2005	
OtterHarbor481h	3770900	738700	West Dune Top	0.0	Shell	2030±60	1330±50	Beta-139979	Erlandson et al., 2005	
OtterHarbor481i	3770900	738700	A2Dune	4.0	Shell	3610±70	3250±90	Beta-148498	Erlandson et al., 2005	
OtterHarbor481j	3770900	738700	A3Dune	5.0	Shell	3970±60	3670±90	Beta-148499	Erlandson et al., 2005	
OtterHarbor481k	3770900	738700	A4Dune	7.0	Shell	3710±100	3360±110	Beta-148500	Erlandson et al., 2005	
OtterHarbor481l	3770900	738700	A58Dune	8.0	Shell	4180±40	3930±90	Beta-148501	Erlandson et al., 2005	
OtterHarbor481m	3770900	738700	Dune	DP	Shell	5570±80	5700±100	Beta-134836	Erlandson et al., 2005	
OtterHarbor481n	3770900	738700	Dune	DP	Shell	5750±80	5900±60	Beta-145318	Erlandson et al., 2005	
OtterHarbor481o	3770900	738700	Dune	DP	Shell	5870±70	6000±70	Beta-145317	Erlandson et al., 2005	
OtterHarbor481p	3770900	738700	Simonton Soil	BD	Shell	6340±50	6540±80	OS-27939	Erlandson et al., 2005	
OtterHarbor481q	3770900	738700	Simonton Soil	BD	Shell	6950±80	7250±80	Beta-134837	Erlandson et al., 2005	
DryLake485	3770300	738500	Dune Top	CD	Shell	1150±70	520±40	Beta-107350	Erlandson et al., 2005	
DryLake488	3770300	738400	Dune		Shell	3060±60	2650±80	Beta-6741	Erlandson et al., 2005	
H.Wash492	3769600	737400	Dune top	0.5	Shell	1990±70	1300±50	Beta-5806	Erlandson et al., 2005	
OtterCave605a	3770900	738600	Dune Base	BD	Shell	6150±60	6310±40	Beta-145309	Erlandson et al., 2005	
OtterCave605b	3770900	738600	Dune Base	BD	Shell	6370±90	6580±130	Beta-145812	Erlandson et al., 2005	
OtterCave605c	3770900	738600	Dune Base	BD	Shell	6390±40	6610±80	Beta145311	Erlandson et al., 2005	
OtterCave605d	3770900	738600	Dune Base	BD	Shell	6400±80	6620±130	Beta-134836	Erlandson et al., 2005	
OtterCave605e	3770900	738600	Dune Base	BD	Shell	6440±80	6650±100	Beta-145310	Erlandson et al., 2005	
BowlCoveAC1	3770600	738400	Dune	DP	Shell	3780±70	3440±80	Beta-171804	Erlandson et al., 2005	
AnubisPoint503a	3770300	737500	Dune	2.3	Shell	5350±80	5480±100	Beta-5807	Erlandson et al., 2005	
AnubisPoint503b	3770300	737500	Dune	CP	Shell	1820±90	1160±110	Beta-5809	Erlandson et al., 2005	

AnubisPoint503c	3770300	737500	Dune	DP	Shell	2890±70	2330±40	Beta-107351	Erlandson et al., 2005	
AnubisPoint503d	3770300	737500	Dune	DP	Shell	3020±60	2510±30	Beta-107987	Erlandson et al., 2005	
AnubisPoint503e	3770300	737500	Dune	DP	Shell	4040±50	3760±80	Beta-6742	Erlandson et al., 2005	
AnubisPoint504	3770300	737500	Dune	CH	Shell	3390±60	2940±90	Beta-6743	Erlandson et al., 2005	
AnubisPtRSC1a	3770300	737500	Simonton Soil	DP	Shell	8940±60	9080±60	OS-27940	Erlandson et al., 2005	
AnubisPtRSC1b	3770300	737500	Simonton Soil	DP	Shell	9080±60	9430±390	OS-28282	Erlandson et al., 2005	
BigDune510	3769100	737400	Dune	DP	Shell	1860±60	1200±70	Beta-6744	Erlandson et al., 2005	
E.BustedBalls607a	3769600	737100	Simonton Soil	DP	Shell	7990±90	8200±70	Beta-145306	Erlandson et al., 2005	
E.BustedBalls607b	3769600	737100	Simonton Soil	DP	Shell	8850±55	8860±80	OS-27948	Erlandson et al., 2005	
BustedBalls2a	3769100	736700	Simonton Soil	DP	Shell	8060±70	8320±30	OS-27947	Erlandson et al., 2005	
BustedBalls2b	3769100	736700	Simonton Soil	DP	Shell	8230±55	8430±50	OS-27946	Erlandson et al., 2005	
BustedBalls/2a	3769100	736700	Simonton Soil	DP	Shell	8270±45	8480±70	OS-31665	Erlandson et al., 2005	
BustedBalls/2b	3769100	736700	Simonton Soil	DP	Shell	8480±45	8780±130	OS-31686	Erlandson et al., 2005	
BustedBalls3	3769100	736700	Simonton Soil	DP	Shell	9090±75	9440±350	OS-27945	Erlandson et al., 2005	
Bustedalls4a	3769100	736700	Simonton Soil	DP	Shell	7860±55	8100±100	OS-27942	Erlandson et al., 2005	
BustedBalls4b	3769100	736700	Simonton Soil	DP	Shell	7979±50	8180±30	OS-27953	Erlandson et al., 2005	
BustedBalls5	3769100	736700	Simonton Soil	DP	Shell	8070±55	8320±110	OS-27941	Erlandson et al., 2005	
BustedBalls606a	3769100	736700	Simonton Soil	DP	Charcoal	7370±40	8180±220	OS-28485	Erlandson et al., 2005	
BustedBalls606b	3769100	736700	Simonton Soil	DP	Charcaol	7700±80	8440±40	Beta-164080	Erlandson et al., 2005	
BustedBalls606c	3769100	736700	Simonton Soil	DP	Shell	8400±80	8630±90	OS-27944	Erlandson et al., 2005	
BustedBalls606d	3769100	736700	Simonton Soil	DP	Shell	8760±80	8980±60	Beta-145307	Erlandson et al., 2005	
BustedBalls606e	3769100	736700	Simonton Soil	DP	Shell	8920±90	9060±60	Beta-145308	Erlandson et al., 2005	
W.BustedBalls522a	3769000	736700	Simonton Soil	DP	Shell	8830±70	9020±80	Beta-164081	Erlandson et al., 2005	
W.BustedBalls522b	3769000	736700	Lower Dune	DP	Shell	9220±120	9610±450	Beta-151616	Erlandson et al., 2005	
W.BustedBalls522c	3769000	736700	Lower Dune	DP	Shell	9390±30	9820±200	OS-37737	Erlandson et al., 2005	
W.BustedBalls522d	3769000	736700	Lower Dune	DP	Shell	9450±70	9830±110	OS-27943	Erlandson et al., 2005	
AbalonePoint525a	3769000	736700	Dune Top	DP	Shell	1200±50	550±30	Beta-6746	Erlandson et al., 2005	
AbalonePoint525b	3769000	736700	Dune	0.7	Shell	1890±70	1230±80	Beta-6745	Erlandson et al., 2005	
AbalonePoint525c	3769000	736700	Dune	1.7	Shell	3510±70	3130±140	Beta-6747	Erlandson et al., 2005	
AbalonePoint525d	3769000	736700	Dune	2.3	Shell	3450±70	3030±110	Beta-5810	Erlandson et al., 2005	
AbalonePointD525	3769000	736700	Dune	DP	Shell	2350±70	1700±100	Beta-139976	Erlandson et al., 2005	
LionRocks528a	3768900	735700	Dune Top	CD	Shell	1860±70	1200±80	Beta-114032	Erlandson et al., 2005	
LionRocks528b	3768900	735700	Dune Top	CD	Shell	2070±70	1380±80	Beta-114035	Erlandson et al., 2005	
LionRocks528c	3768900	735700	Dune Top	CD	Shell	2100±70	1410±90	Beta-114037	Erlandson et al., 2005	
LionRocks528d	3768900	735700	Dune Top	CD	Shell	2150±90	1480±130	Beta-114033	Erlandson et al., 2005	
LionRocks528e	3768900	735700	Dune	DP	Shell	4870±70	4840±140	Beta-114036	Erlandson et al., 2005	
LionRocks528f	3768900	735700	Dune	DP	Shell	5670±70	5850±130	Beta-114034	Erlandson et al., 2005	
PointBennettSM177	3768500	735800	Simonton Soil	DP	Charcoal	17,370±290		I-4585	Erlandson et al., 2005	
SouthBeach602a	3768600	736200	Dune	DP	Shell	740±50	130±110	Beta-114533	Erlandson et al., 2005	
SouthBeach602b	3768600	736200	Dune	DP	Shell	900±60	300±30	Beta-98743	Erlandson et al., 2005	
SouthBeach602c	3768600	736200	Dune	DP	Shell	1100±60	500±40	Beta-98744	Erlandson et al., 2005	
SouthBeach602d	3768600	736200	Dune	DP	Shell	100±70	500±50	Beta-98742	Erlandson et al., 2005	
FossilForest-SM131	3769300	742600	Simonton Soil	DP	Charcoal	14,430±200		I-4584	Erlandson et al., 2005	
LeuzarderPoint520a	738300	3768200	Dune Top	CP	Shell	3630±25	3290±70	OS-37736	Erlandson et al., 2005	
LeuzarderPoint520b	738300	3768200	Dune	DP	Shell	5680±80	5860±140	Beta-171805	Erlandson et al., 2005	

Magdalena											
MAGD8Bay	2738030	405440	Bay Cliff	1.2	Shell (+0.5)(MRC)	3910±60	3620±180	Beta-191887	This Report		
UTM Positions: Northing and Easting are in WGS83.											
Depth, in meters, is relative to deposit surface, or in measured stratigraphic section, as cited.											
Depth for San Miguel samples are as follows: CD=caps dune, DP=dune paleosol, BD=below dune or dune base, SS=Simonton Soil, CH=C-horizon.											
Material: Type of material dated is taken from citations. The dating method by radiometric unless stated as AMS.											
Material Isotope Ratio: C13/C12) is given as (delC13) when available.											
Material Marine Reservoir Correction: (MRC) used for Oregon site samples 384DeIR.±35yr, for San Miguel and Magdalena 225DeIR.±50yr.											
Conventional Radiocarbon Dates: C14 in Radiocarbon Years Before Present (BP) with ±1 sigma error.											
Radiocarbon Calibrations: Dates from Woxel 1998 and first presented in This Report are calibrated using CALIBv4.4 (Stuiver et al., 1998).											
Radiocarbon Calibrations: Dates from San Miguel Island (Erlandson et al., 2004) are calibrated from CALIBv4.3 (Stuiver et al., 1998).											
Calibrated Radiocarbon Dates: calC14 in Radiocarbon Years Before Present (BP) with ±1 sigma error.											
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INTCAL98 Radiocarbon age calibration 24,000 - 0 cal BP. Radiocarbon 40:1041-1083.											