

Miroff, Laurie E., And Samuel M. Kudrle

2017 *Cultural Resource Management Report, 2016-2017 Highway Program, Data Recovery, The Broome Tech Site (SUBi-1005, NYSM #9057), PIN 9043.23.121, Route 11/I-81 Intersection (Exit 5), To Broome Community College, Town of Dickinson, Broome County, New York (MCD 00706, 94PR1392).* Public Archaeology Facility, Binghamton University Binghamton, New York.

Analytical Sample #	PAF Sample #	Context	Technique	Material	Measured Radiocarbon Age (BP)	13C/12C	Conventional Radiocarbon Age (BP)	Intercepts	Calibrated 1 $\Phi$ range	Calibrated 2 $\Phi$ range
AA31007*	BT-26	A horizon	AMS	Bean		-27.3	380 $\pm$ 40			AD 1436-1637
Beta-196043	BT-626	F. 58	AMS	Maize	650 $\pm$ 40	-25.8	640 $\pm$ 40	AD 1300	AD 1290-1320 AD 1340-1390	AD1280-1410
AA31005	BT-39	F. 7	AMS	Maize		-9.1	705 $\pm$ 40	AD 1288		AD 1260-1387
AA31006	BT-19	Midden	AMS	Squash		-25.2	820 $\pm$ 40	AD 1221		AD 1159-1281
Beta-196050	BT-1355	F. 46	AMS	Maize	580 $\pm$ 40	-9.2	840 $\pm$ 40	AD 1210	AD 1180-1250	AD 1060-1080 AD 1150-1270
Beta-196038	BT-94	F. 9	AMS	Maize	710 $\pm$ 40	-9.8	960 $\pm$ 40	AD 1030	AD 1020-1060 AD 1080-1150	AD 1000-1180
Beta-196039	BT-226	F. 15	AMS	Maize	730 $\pm$ 40	-9.2	990 $\pm$ 40	AD 1020	AD 1010-1040	AD 990-1160
Beta-196046	BT-890	F. 46	AMS	Maize	790 $\pm$ 40	-9.4	1050 $\pm$ 40	AD 1000	AD 980-1020	AD 900-1030

\*plow zone?

Miroff, Laurie E.

2014 *The Otsiningo Market Site (SUBi-3041; A00706.000048), Phase 3 Archaeological Investigations, Otsiningo Farmers Market Project, Town of Dickinson, Broome County, New York, MCD 00706 (11PR07729).* Public Archaeology Facility, Binghamton University Binghamton, New York.

Analytical Sample #	Fea. #	Material	Conventional C-14 Age	1 $\sigma$ (68% probability)	2 $\sigma$ (95% probability)
Beta-379672	1	Maize	670 $\pm$ 30 BP	Ca AD 1285-1300 (cal BP 665-650) and Cal AD 1370-1380 (Cal BP 580-570)	Cal AD 1275-1315 (cal BP 675-635) and Cal AD 1355-1390 (Cal BP 595-560)
Beta-378839	5	Maize	600 $\pm$ 30 BP	Cal AD 1305-1365 (Cal BP 645-585) and Cal AD 1385-1400 (Cal BP 565-550)	Cal AD 1295-1410 (Cal BP 655-540)
Beta-378840	10C	Bean	690 $\pm$ 30 BP	Cal AD 1280-1295 (Cal BP 670-655)	Cal AD 1270-1305 (Cal BP 680-645) and Cal AD 1365-1385 (Cal BP 585-565)

Miroff, Laurie E.

2012 *Investigation of The Chenango Point South Site (SUBi-2776), Phase 2/3 Archaeological Investigations, Chenango Point South Site, Twin River Commons Project, City of Binghamton, Broome County, New York, MCD 00740 (08PR5279).* Public Archaeology Facility, Binghamton University Binghamton, New York.

Analytical Sample #	Fea. #	Material	Analysis	Conventional C-14 Age	2 $\sigma$ (95.4% probability)
Beta-309041	90	Maize	AMS	270 $\pm$ 30 BP	cal A.D. 1515-1952
Beta-309040	46	Maize	AMS	300 $\pm$ 30 BP	cal A.D. 1489-1654
Beta-309042	176	Maize	AMS	300 $\pm$ 30 BP	cal A.D. 1489-1654
Beta-309044	275	Maize	AMS	550 $\pm$ 30 BP	cal A.D. 1310-1435
Beta-309043	180	Maize	AMS	600 $\pm$ 30 BP	cal A.D. 1297-1409

Knapp, Timothy D.

2011 *Life At The Confluence: Archaic And Woodland Occupations Of The Chenango Point Site (Subi-1274), Data Recovery Excavations for the Downtown Academic Center Project, City of Binghamton, Broome County, New York, MCD 00740.* Public Archaeology Facility, Binghamton University Binghamton, New York.

PAF Sample #	Analytical Sample #	Fea #	Material	Analysis	Conventional C-14 Age	1 $\sigma$ (68.2% probability)	2 $\sigma$ (95.4% probability)
BAC-337	Beta-265478	348	maize	AMS	660 $\pm$ 40 BP	cal AD 1280-1320 (34.3%) and AD 1350-1390 (33.9%)	cal AD 1270-1400 (95.4%)
BAC-357	Beta-265479	401	maize	AMS	700 $\pm$ 40 BP	cal AD 1260-1300 (54.0%) and AD 1360-1390 (14.2%)	cal AD 1240-1330 (68.9%) and AD 1340-1400 (26.5%)
BAC-109	Beta-265473	102	maize	AMS	740 $\pm$ 40 BP	cal AD 1225-1235 (2.5%) and 1240-1290 (65.7%)	cal AD 1210-1300 (92.4%) and 1360-1390 (3.0%)
BAC-114	Beta-265474	105	maize	AMS	740 $\pm$ 40 BP	cal AD 1225-1235 (2.5%) and 1240-1290 (65.7%)	cal AD 1210-1300 (92.4%) and 1360-1390 (3.0%)
BAC-139	Beta-265475	118	maize	AMS	760 $\pm$ 40 BP	cal AD1225-1280 (68.2%)	cal AD 1180-1300 (95.4%)
BAC-142	Beta-265476	119	maize	AMS	860 $\pm$ 40 BP	cal AD 1050-1080 (9.7%) and AD 1150-1200 (58.5%)	cal AD 1040-1100 (17.0%) and AD 1110-1270 (78.4%)
BAC-405	Beta-265480	383	bean	AMS	920 $\pm$ 40 BP	cal AD 1040-1160 (68.2%)	cal AD 1020-1210 (95.4%)

Zlotucha Kozub, Andrea

2021 *J. W. Wadsworth 2, Locus 2 (SUBi-2705, USN 05104.000126), PIN 4063.29.121/BIN 1028700, NY 63 over Genesee River, Town of Geneseo, Livingston County, New York, MCD 05104. Public Archaeology Facility, Binghamton University Binghamton, New York.*

<b>Beta #</b>	<b>Feature # and Type</b>	<b>Material</b>	<b>Measured Radiocarbon Age (BP)</b>	<b>13C/12C</b>	<b>Conventional Radiocarbon Age (BP)</b>	<b>Cal. 1σ Range</b>	<b>Cal. 2σ Range</b>
Beta-562497	F216 Pottery-lined	Maize	650 ± 30	-8.6	920 ± 30	AD 1044-1098 AD 1120-1157	AD 1028-1184
Beta-562496	F213 Storage Pit	Maize	660 ± 30	-9.2	920 ± 30	AD 1044-1098 AD 1120-1157	AD 1028-1184
Beta-562495	F41 Storage Pit	Maize	930 ± 30	-26.0	910 ± 30	AD 1045-1095 AD 1120-1145 AD 1146-1163	AD 1033-1190 AD 1198-1204
Beta-564629	F232 Pottery-lined	Maize	590 ± 30	-9.5	840 ± 30	AD 1166-1224 AD 1235-1241	AD 1154-1264 AD 1059-1062

Kudrle, Sam, Claire Horn, and Laurie Miroff

2020 *Glass Greenhouse Facility Project (18PR00710), Phase 2 Site Evaluation and Phase 3 Data Recovery, Wampsville Cowaselon Creek Precontact Site (SUBi-3222), Phase 2 Site Evaluation, Wampsville North Court Street Historic Site (SUBi-3223), Village of Wampsville And City Of Oneida, Madison County, New York.* Public Archaeology Facility, Binghamton University Binghamton, New York.

PAF Sample #	Analytical Sample #	Feature #	Material	Conventional C-14 Age	1 $\sigma$ (68% probability)	2 $\sigma$ (95% probability)
WCC270	557214	270	Maize	570 $\pm$ 30 BP	AD 1320-1350 AD 1391-1411	AD 1304-1364 AD 1384-1422
WCC333	557217	333	Maize	580 $\pm$ 30	AD 1316-1354 AD 1389-1408	AD 1300-1369 AD 1380-1418

Kudrle, Sam, Daniel Seib, and Laurie Miroff

2021 *Cultural Resource Management Report, Phase 3 Data Recovery of The Lords/Wells Site (SUBi-3235), Sidney Water System Improvement Project, Village of Sidney, Town of Sidney, Bainbridge, Guilford, And Unadilla, Delaware County, New York, 16PR03281, FEMA PA-02-NY-1650- PW-4842.*  
Public Archaeology Facility, Binghamton University Binghamton, New York.

PAF Sample #	Analytical Sample #	Feature #	Material	Conventional C-14 Age	1 $\sigma$ (68% probability)	2 $\sigma$ (95% probability)
LW35	Beta-598161	35	Maize	920 $\pm$ 30	AD 1045-1085 (32%) AD 1120-1166 (28%) AD 1092-1104 (7%)	AD 1035-1180 (86%) AD 1188-1210 (6.9%)
LW43	Beta-598162	43	Maize	750 $\pm$ 30	AD 1259-1284 (58%) AD 1232-1241 (10%)	AD 1224-1291 (95%)
LW52	Beta-598163	52	Maize	870 $\pm$ 30	AD 1162-1218 (68%)	AD 1150-1262 (84%) AD 1048-1083 (11%) AD 1130-1138 (0.8%)
LW56	Beta-598164	56	Maize	890 $\pm$ 30	AD 1156-1215 (58%) AD 1054-1062 (7%) AD 1070-1075 (4%)	AD 1120-1222 (69%) AD 1044-1086 (23%) AD 1092-1105 (3%)

Kudrle, Sam

2023 *Cultural Resource Management Report, 2023-2024 Highway Program, Data Recovery, Chenango Shores East Site (SUBi-3021; NYSM 12539; USN 0176.000128) and Oak Grove Site (SUBi-3022; NYSM 12538; USN 01706.000126), PIN 9213.30.324/BIN 1030480, NY Route 79 Over The Chenango River Bridge Replacement, Town of Greene (MCD 01706), Chenango County, New York, 08PR02106. Public Archaeology Facility, Binghamton University Binghamton, New York.*

**AMS Dates, Chenango Shores East Site**

<b>Beta # PAF#</b>	<b>Feature # Flotation Sample #</b>	<b>Material</b>	<b>Conventional C14 (BP)</b>	<b>68.2% Probability</b>	<b>95.4% Probability</b>
641005 CSE32	Feature 32 Sample 57	Maize	900±30 BP	AD 1152-1212 (44.6%) AD 1050-1080 (23.6%)	AD 1116-1219 (60.5%) AD 1042-1108 (34.9%)
641008 CSE49	Feature 49 Sample 70	Maize	890±30 BP	AD 1156-1215 (57.6%) AD 1054-1062 (7%) AD 1070-1075 (3.6%)	AD 1120-1222 (69.3%) AD 1044-1086 (23.1%) AD 1092-1105 (2.9%)
641010 CSE54	Feature 54 Sample 81	Maize	360±30 BP	AD 1472-1522 (35.7%) AD 1577-1624 (32.5%)	AD 1540-1634 (49.9%) AD 1456-1529 (45.5%)

Ferri, John

2024 *Phase 3 Data Recovery, Ayers 1 Precontact Site, Clusters ABDE and G-L (SUBi-3105), Ayers/Brink Farms Mine Project, Town of Tioga (MCD 10709) Tioga County, New York, 07PR5868. Public Archaeology Facility, Binghamton University Binghamton, New York.*

<b>PAF Sample Number</b>	<b>Feature Number</b>	<b>UGAMS# Number</b>	<b>Conventional radiocarbon age BP</b>	<b>Material</b>	<b>Calibrated 2 sigma Dates</b>	<b>Calibrated 1 sigma Dates</b>
68	82	66110	890 ± 20	Maize	1152-1219 AD (798-731 cal BP) (79.8 %) 1049-1081 AD (901-869 cal BP) (19.9 %) 1134-1137 AD (816-813 cal BP) (0.3%)	1181-1158 AD (792-769 cal BP) (50 %) 1186-1212 AD (764-738 cal BP) (47.5%) 1055-1057 AD (895-893 cal BP) (2.5%)



Kudrle, Sam

2015 Phase 3 Data Recovery, CCE Site (SUBi-3081; A00706.000049), Broome County Farmer's Market Project (Cornell Cooperative Extension Parcel), 14PR01373, Town of Dickinson (MCD 00706), Broome County, New York. Public Archaeology Facility, Binghamton University Binghamton, New York.

Feature Number	Beta #	C14 Age BP	Material	2 sigma Dates	1 sigma Dates
1	Beta 388174	330±30	Maize	AD 1465-1645	AD 1490-1640
2	Beta 407871	390±30	Maize	AD 1440-1520 AD 1575-1630	AD 1450-1490 AD 1605-1610
13	Beta 407873	450±30	Maize	AD 1420-1465	AD 1435-1450
22	Beta 407874	370±30	Maize	AD 1445-1520 AD 1545-1635	AD 1455-1520 AD 1595-1620

Knapp, Timothy D., and Nina M. Versaggi

2002 *Cultural Resource Management Report, Data Recovery Investigations of the Deposit Airport I Site (SUBi-2048), Deposit Water/Sewer Project, Town of Deposit, Delaware County, New York(MCD 02506, 99PR4258),*. Public Archaeology Facility, Binghamton University Binghamton, New York.

Sample Number	Analytical Sample #	Feature #	Material	Analysis	Conventional C-14 Age	1 sigma	2 sigma
DAI-01-30/32	Beta-168303	Fea 6	Maize	AMS	930 ± 60	Cal AD 1020 to 1180 (Cal BP 930 to 760)	Cal AD 1000 to 1240 (Cal BP 950 to 710)
DAI-010189	Beta-168307	Fea 34	Maize	AMS	920 ± 40	Cal AD 1030 to 1180 (Cal BP 920 to 780)	Cal AD 1020 to 1210 (Cal BP 930 to 740)