

**Table 4. Sample Information and Ages of Holocene Corals**

Coral site	Depth (m)	CRA (yr B.P.) <sup>†</sup>	cal. yr B.P. (2-sigma range) <sup>‡</sup>	TIMS/MC-ICP-MS dates	Authors
Ellis Rock	4.9			2.50 ± 0.06	Multer et al., 2002
Looe Key Reef	19.1			4.20 ± 0.04	Multer et al., 2002
Carysfort Reef	13.4			4.80 ± 0.03	Multer et al., 2002
Carysfort Reef	9.1			5.00 ± 0.17	Toscano and Lundberg, 1998
Sewer trench	9.8	4,930 ± 70	5,450 to 5,040		Shinn et al., 1977a
Carysfort Reef	9.1	5,250 ± 95	6,275 to 5,755 <sup>§</sup>		Shinn et al., 1977a
Long Reef	8.2	5,630 ± 120	6,280 to 5,750		Shinn et al., 1977a
Carysfort Reef	15.2			6.30 ± 0.06	Multer et al., 2002
Carysfort Reef	16.8			6.60 ± 0.03	Multer et al., 2002
Grecian Rocks	9.0	5,950 ± 100	6,610 to 6,180		Shinn, 1980a
Tortugas SE reef	14.0	6,017 ± 90	6,640 to 6,270		Shinn et al., 1977a
Marker G	16.1	6,170 ± 80	6,790 to 6,430		Shinn et al., 1977a
Sand Key outlier reef	9.3			6.90 ± 0.17	Toscano and Lundberg, 1998
Dry Tortugas	8.5			6.92 ± 0.04	Multer et al., 2002
Bal Harbor	16.1	6,300 ± 120	7,030 to 6,470		Shinn et al., 1977a
Looe Key Reef	8.5	6,580 ± 90	7,270 to 6,860		Lidz et al., 1985
Davis Reef	9.2	6,770 ± 210	7,655 to 6,795		Robbin, 1981
Dry Tortugas	9.8			7.30 ± 0.09	Multer et al., 2002
Carysfort Reef	19.5			7.30 ± 0.10	Multer et al., 2002
Carysfort outlier reef	10.5			7.50 ± 0.15	Toscano and Lundberg, 1998
Fort Lauderdale	17.5	7,145 ± 80	7,750 to 7,480		Lighty et al., 1978
Marker G	13.4	7,160 ± 85	7,785 to 7,485		Shinn et al., 1977a
Sand Key outlier reef	10.9			8.16 ± 0.10	Ludwig et al., 1996
Dry Tortugas	14.6			8.70 ± 0.07	Multer et al., 2002
Dry Tortugas	12.5			8.80 ± 0.10 <sup>#</sup>	Multer et al., 2002
Sand Key outlier reef	12.4			8.90 ± 0.93	Toscano and Lundberg, 1998
Fort Lauderdale	18.0	8,295 ± 90	8,990 to 8,580		Lighty et al., 1978
Dry Tortugas	15.6			9.33 ± 0.07 <sup>#</sup>	Multer et al., 2002
Tortugas Bank	31.2			9.63 ± 0.30	Mallinson et al., 2003
Fort Lauderdale	26.5	9,440 ± 85	10,575 to 9,815 <sup>§</sup>		Lighty et al., 1978

*Notes:* Table is arranged chronologically by TIMS/MC-ICP-MS and cal. yr B.P. Depths are individual core depths in meters below present sea level and are not related to each other.

<sup>†</sup>Dates reported as conventional radiocarbon ages (CRA).

<sup>‡</sup>Calibrated by Beta Analytic, Inc. using INTCAL98 data and calculated according to Talma and Vogel (1993). Carbonates calibrated using a delta-R value of  $-5 \pm 20$  yr B.P. All calibrations were made assuming the yr B.P. results are corrected for isotopic fractionation.

<sup>§</sup>Circa cal. yr B.P. range. Multiple ranges have been combined.

<sup>#</sup>Radiometric dates in ka based on multicollector inductively coupled plasma mass spectrometry (MC-ICP-MS). All other dates in column based on thermal ionization mass spectrometry (TIMS).