



## Marbled Grouper (*Dermatolepis inermis*)

**Table 1:** Records of *D. inermis* sighted on remotely operated vehicle (ROV) dives between February 2001 and March 2007.

Site (from West to East)	# of <i>D. inermis</i> recorded	# of dives conducted at this site
Stetson Bank (FGBNMS)	6	13
West Flower Garden Bank (FGBNMS)	82	81
Horseshoe Reef (b/n E&WFGB)	0	2
East Flower Garden Bank (FGBNMS)	22	50
Bright Bank	3	3
Geyer Bank	13	1
Sonnier Bank	0	1
McGrail Bank	24	20
Alderdice Bank	0	3
Jakkula Bank	0	1
Diaphus Bank	0	1

**Table 2:** Records from submersible dives targeting fishes in 2002.

Site (from West to East)	# of <i>D. inermis</i> recorded	# of dives conducted at this site
Alderdice Bank	2	3
McGrail Bank	7	2
Sonnier Bank	0	1

**Table 3:** Sighting frequency estimates collected by volunteer divers and snorkelers (1993-2005) by the Reef Environmental Education Foundation (REEF).

Year	N	N	SF
1993	102	0	0.00
1994	2,469	6	0.24
1995	2,539	5	0.20
1996	3,089	0	0.00
1997	3,370	19	0.56
1998	3,627	3	0.08
1999	4,716	3	0.06
2000	6,310	6	0.10
2001	9,561	11	0.12
2002	11,309	7	0.06
2003	10,102	15	0.15
2004	8,936	16	0.18
2005	5,705	6	0.11

**Table 4:** Commercial catch estimates from the National Marine Fisheries Service (NMFS) from 1986 to 2004.

Year	Metric Tons	US\$	Year	Metric Tons	US\$
1986	1.3	3,325	1996	1.1	4,716
1987	0.4	1,020	1997	8.1	33,660
1988	0.9	2,168	1998	6.1	24,745
1989	2.0	7,809	1999	2.0	7,736
1990	1.4	4,273	2000	1.0	3,846
1991	4.1	11,123	2001	1.2	4,249
1992	18.2	50,612	2002	1.1	4,628
1993	19.7	59,084	2003	1.4	5,979
1994	11.3	42,904	2004	1.7	7,629
1995	6.4	26,344	<b>GRAND TOTALS:</b>	<b>89.2</b>	<b>305,850</b>

**Table 5:** Recreational catches of *D. inermis* between 1981 and 2004 (Tom Sminsky pers. comm., 10<sup>th</sup> Jan. 06).

Year	1981	1982	1986	1989	1990	1993
<b>No.</b>	0	0	1,777	0	5,060	1,054
<b>lbs</b>	—	—	—	—	—	8,599

**Table 6:** Head boat landing statistics from Areas 25 (northeast Texas; Sabine Pass to Freeport, TX) and Area 26 (Port Aransas, TX) between 1995 and 2006. Source: Kenneth Brennan, NOAA Fisheries, Beaufort, NC.

<b>Year</b>	<b>Area</b>	<b>Num.</b>	<b>Wt (kg)</b>
1995	25	1	5.52
1996	25	2	3.64
2001	26	1	1.36
2003	25	2	1.82
2006	25	146	164.98