

**DEER HARVEST REPORT 2002
THE BLACK ROCK FOREST**

THE SEASON

November 18 to December 10

Excellent weather conditions prevailed all thru the hunting season. Three snowfalls and air temperatures consistently around freezing, kept hunters returning. Opening day included a fresh 2" snowfall for 95 hunters produced 24 deer. This day would not have been possible if it were not for the many volunteers who cleared roads the day before, after a severe ice storm on the morning of Dec. 17, had made forest vehicle access impossible.

During the 23-day season 178 hunters visited the forest 595 times harvesting 30 bucks and 21 does totaling 51 deer.

SEASON HUNTING PRESSURE AND SUCCESS RATE

Year	HUNTERS	HUNTER	PERMITS	DMU	VISITS PER	SUCCESS RATE	
		VISITS	(VEHICLES)	PERMITS	HUNTER	BUCKS	TOTAL
1993-2001							
Average	186	579	410	93	3.1	13%	22%
Range (Hi-Low)	208-153	695-384	510-275	127 - 52	3.3 - 2.5	20% - 7%	29% - 13%
2002	178	595	438	*	3.0	14%	29%

PERMITS AND LICENSES FILLED

<u>Type</u>	<u>Number Harvested</u>
Big Game	23
Resident Senior	1
Deer Management Permit	17
Deer Management Assistance Program	<u>10</u>
	51

ZONE	ACRES	HUNTER VISITS	BUCKS	DOES
I	450	101	3	2
II	520	76	10	3
III	450	38	3	1
IV	460	100	2	8
V	400	73	4	1
VI	500	69	4	1
VII	150	55	0	2
VIII	330	72	3	2
MINERAL SPRINGS	120	11	1	1
TOTAL	3380	595	30	21

Deer Harvest Report 2002 continued...

THE DEER

The harvest produced 51 kills.

1) Rifle Season – 51 Deer 30 Bucks 21 Does

Bucks: (30)

Fawns: (5)

The five button bucks harvested averaged 54 lbs.. The wide range of 42 to 64 lbs. made the overall average deceivingly low. Two of the fawns were over 60 lbs (dressed). All appeared healthy, except for a 42 lbs. runt.

Yearlings (13)

The resurgence of this age class is evident in the average beam diameter of 17.7 mm, the largest since 1985. These deer born in the spring of 2001 have benefited from two good acorn crops and the mildest of winters in 2002.

		YEARLING MALES											(mm)	(lbs.)	% OF	
	TOTAL											ANTLER	BEAM	BODY	LEGAL	
YEAR	YEARLINGS	ANTLER POINT CLASS										sub	POINTS	DIAMETER	WEIGHT	BUCK TAKE
		SPK	3	4	5	6	7	8	9	10	legal			(dressed)		
1990 - 2001																
TOTAL	189	83	30	49	10	10	1	1	0	0	4					
AVERAGE	16	-----PER YEAR-----													58%	
		-----PER DEER-----										3.1	15.8	89		
RANGE (hi - low)	7 - 31	-----PER YEAR-----										3.7 - 2.3	16.7 - 14.7	94 - 84	83% - 29%	
2002																
	13	6	1	3	2	0	0	0	0	0	1	3.1	17.7	87.5	52%	

Adults (12)

Adult bucks continue to make up half the legal buck take, a good sign to hunters and a healthy indicator of herd age structure. Although beam diameters are mid-range, weights are still low. Dressed weights of this age class is slowly recovering from last years dismal lows, caused by the effects of the Drought of 1999, acorn crop failure in 1999 - 2000 and the winter of 2000. Early body development suffered greatly, recovery has been slow, but promising.

		2 1/2 YEAR OLDS														
												(mm)	(lbs.)	% OF		
	TOTAL											ANTLER	BEAM	BODY	LEGAL	
YEAR	2 1/2 year	ANTLER POINT CLASS										sub	POINTS	DIAMETER	WEIGHT	BUCK TAKE
		SPK	3	4	5	6	7	8	9	10	legal			(dressed)		
1990 - 2001																
TOTAL	91	4	4	15	13	28	9	18	0	0	0					
AVERAGE	8	-----PER YEAR-----													27%	
		-----PER DEER-----										5.8	21.2	108		
RANGE (hi - low)	2 - 14	-----PER YEAR-----										6.3 - 4.2	23.1 - 18.4	122 - 95	41% - 8%	
2002																
TOTAL	3	0	0	0	1	2	0	0	0	0	0	5.7	21.7	103.3	12%	

		3 1/2 + 4 1/2 YEAR OLDS														
												(mm)	(lbs.)	% OF		
	TOTAL											ANTLER	BEAM	BODY	LEGAL	
YEAR	3 1/2 + 4 1/2	ANTLER POINT CLASS										sub	POINTS	DIAMETER	WEIGHT	BUCK TAKE
		SPK	3	4	5	6	7	8	9	10	legal			(dressed)		
1990 - 2001																
TOTAL	46	0	0	2	4	8	7	21	1	2	0					
AVERAGE	4	-----PER YEAR-----													14%	
		-----PER DEER-----										7.2	25.0	123		
RANGE (hi - low)	2 - 14	-----PER YEAR-----										10.0 - 5.0	28.6 - 21.7	140 - 94	44% - 3%	
2002																
TOTAL	9	0	0	1	1	1	2	3	0	1	0	7.0	26.4	116.8	36%	

Does (21)

This sample of the female age structure shows an absence of older does. A good portion of healthy females is now approaching optimum breeding age.

AGE CLASS	Fawn	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	10.5	Unknown	% 3.5+	Total
Number Harvested	2	4	7	6	2							38%	21
Avg. Dressed Weight	54	83	84.9	95	84								

Conclusion

Harvest information demonstrates the surge of a young deer population approaching optimum breeding age (2 ½ - 5 ½). Good mast crops and deer over-wintering densities of 20 – 22 deer per square mile have proven to survive even the harshest of winters in the Hudson highlands.

Indications of a healthy and growing herd in 2003 favor the deer at BLACK ROCK FOREST.

Deer Management Assistance Program (DMAP)

DMAP Permits continue to be popular and effective. These permits must be used for antlerless deer in BRF only. Twenty permits (from DEC) were issued to BRF with nine permits being filled. The availability of these tags has proven to increase the total antlerless take.

It appears hunters are less diligent to obtain a DMU Permit knowing DMAP permits are available at the deer station.

Bow and Muzzle Loading Season

Bow Hunting - Oct. 15 through Nov. 17
Dec. 11 through Dec.15

Muzzle Loading – Dec. 11 through Dec. 17

These hunting seasons are by written permission (by Forest Manager) only.
21 Permits were granted. No deer were taken.

1990 - 2002 WHITE-TAILED DEER HARVEST REPORT

YEARLING MALES

YEAR	TOTAL MALES	SPK	ANTLER POINT CLASS										SUB LEGAL	AVG. PTS.	AVG. BEAM DIA. (MM)	AVERAGE WT. (LBS)	FREQ. %	
			3	4	5	6	7	8	9	10								
1990	17	5	5	3	2	2	0	0	0	0	0	0	0	0	3.5	16.3	88	56
1991	31	14	3	11	1	1	1	0	0	0	0	0	0	0	3.2	16.6	94	63
1992	20	6	3	7	1	3	0	0	0	0	0	0	0	0	3.7	16.7	86	61
1993	15	9	2	1	0	1	0	0	0	0	0	0	0	0	2.6	14.7	89	68
1994	7	3	2	1	1	0	0	0	0	0	0	0	0	0	3.0	15.0	91	44
1995	10	6	0	2	1	1	0	0	0	0	0	0	0	0	3.1	16.3	91	72
1996	20	11	6	2	1	0	0	0	0	0	0	0	0	0	2.6	14.8	88	83
1997	16	8	3	3	1	0	0	0	0	0	0	0	0	0	2.8	15.5	87	53
1998	20	9	2	5	1	2	0	1	0	0	0	0	0	0	3.5	16.2	88	60
1999	11	3	1	7	0	0	0	0	0	0	0	0	0	0	3.4	16.3	89	52
2000	15	4	3	6	1	0	0	0	0	0	0	0	1	0	3.2	15.1	84	50
2001	7	5	0	1	0	0	0	0	0	0	0	0	1	0	2.3	16.0	90	29
2002	13	6	1	3	2	0	0	0	0	0	0	0	1	0	3.1	17.7	88	52

2 1/2 YEAR OLD MALES

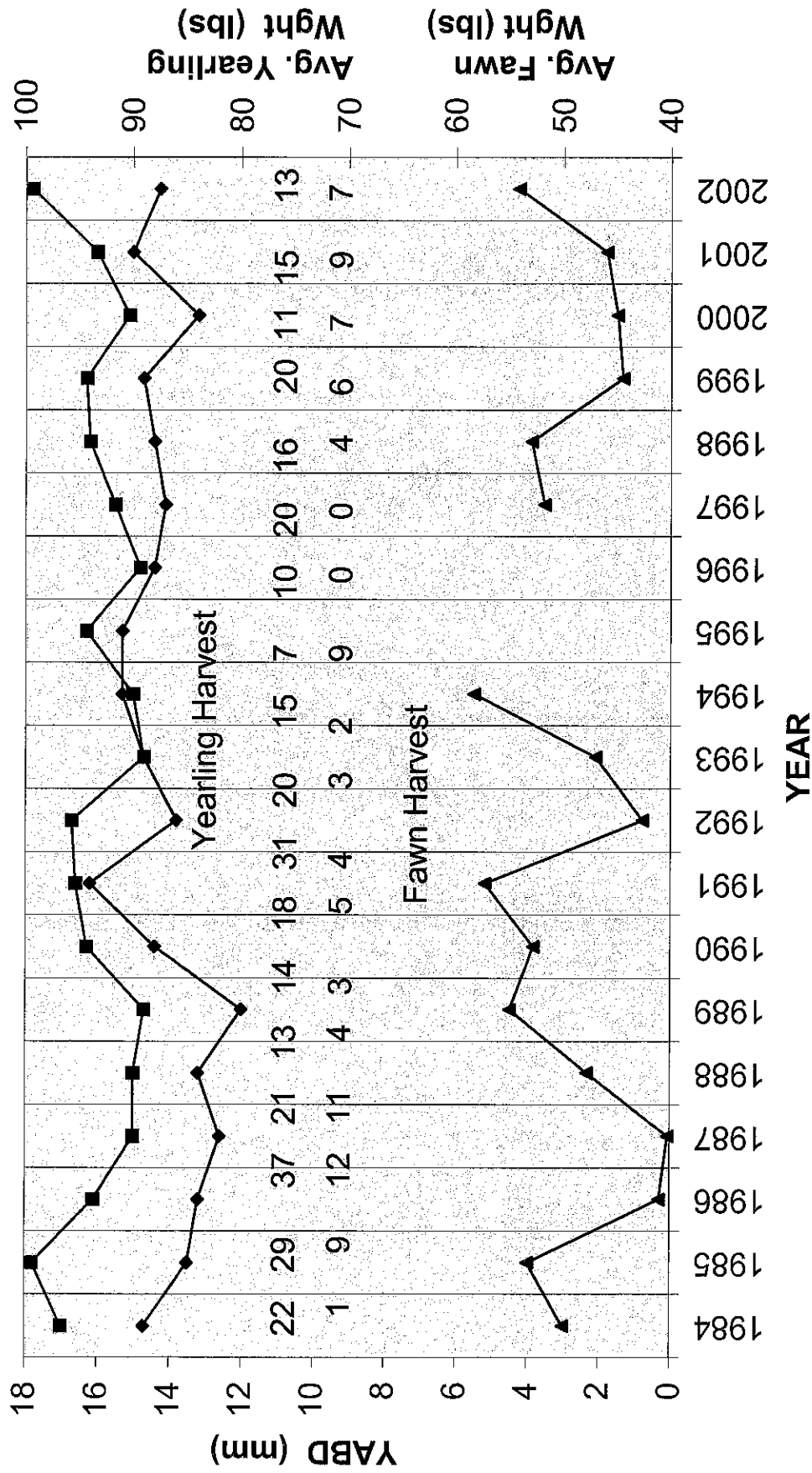
YEAR	TOTAL MALES	SPK	ANTLER POINT CLASS										SUB LEGAL	AVG. PTS.	AVG. BEAM DIA. (MM)	AVERAGE WT. (LBS)	FREQ. %	
			3	4	5	6	7	8	9	10								
1990	13	0	1	2	1	4	1	4	0	0	0	0	0	0	6.1	21.6	105	40
1991	14	0	0	2	1	6	1	4	0	0	0	0	0	0	6.3	21.8	112	28
1992	7	0	0	1	4	0	1	1	0	0	0	0	0	0	5.6	20.9	110	21
1993	5	1	1	1	0	2	0	0	0	0	0	0	0	0	4.2	18.4	103	23
1994	2	0	0	1	1	0	0	0	0	0	0	0	0	0	4.5	20.0	122	12
1995	2	0	1	0	0	0	0	1	0	0	0	0	0	0	5.5	22.0	118	14
1996	2	0	0	1	1	0	0	0	0	0	0	0	0	0	4.5	21.5	119	8
1997	11	2	0	1	0	3	2	3	0	0	0	0	0	0	5.8	21.4	109	37
1998	8	0	0	1	2	1	2	2	0	0	0	0	0	0	6.3	23.1	115	24
1999	6	0	1	0	1	2	0	2	0	0	0	0	0	0	6.0	22.5	111	29
2000	11	0	0	3	1	6	0	1	0	0	0	0	0	0	5.5	20.7	106	37
2001	10	1	0	2	1	4	2	0	0	0	0	0	0	0	5.7	20.0	95	41
2002	3	0	0	0	1	2	0	0	0	0	0	0	0	0	5.7	21.7	103	12

1984-2002 HARVEST DATA: FAWNS

YEAR	TOTAL FAWN HARVESTED	TOTAL ANTLERLESS TAKE (INCLUDES BB)	FAWNS AS % OF ANTLERLESS HARVEST	MALE			FEMALE		
				TOTAL HARVESTED	AVG DRESSED WEIGHT (LBS)	TOTAL HARVESTED	AVG DRESSED WEIGHT (LBS)	TOTAL HARVESTED	AVG DRESSED WEIGHT (LBS)
1984	1	10	10%	0		1		50	
1985	9	20	45%	6	56	3		48	
1986	12	37	32%	8	45	4		33	
1987	11	36	29%	7	38	4		44	
1988	4	25	16%	1	44	3		49	
1989	3	14	21%	3	55	0		0	
1990	5	19	26%	3	56	2		48	
1991	4	26	15%	3	59	1		52	
1992	3	33	9%	1	48	2		40	
1993	2	12	16%	1	46	1		48	
1994	9	22	40%	4	65	5		53	
1995	0	11	0%	0					
1996									
1997	4	16	25%	3	53	1		48	
1998	6	25	24%	3	55	3		51	
1999	7	28	25%	4	45	3		43	
2000	9	24	37%	6	45	3		46	
2001	6	25	24%	4	48	2		41	
2002	7	26	27%	5	54.4	2		54	
TOTALS	102	409	25%	57	51	38		44	
AVERAGE									

* DRESSED WEIGHT - Weight of animal with all internal body organs removed.
(Live weight calculator = dressed weight x 1.25)

POPULATION TREND



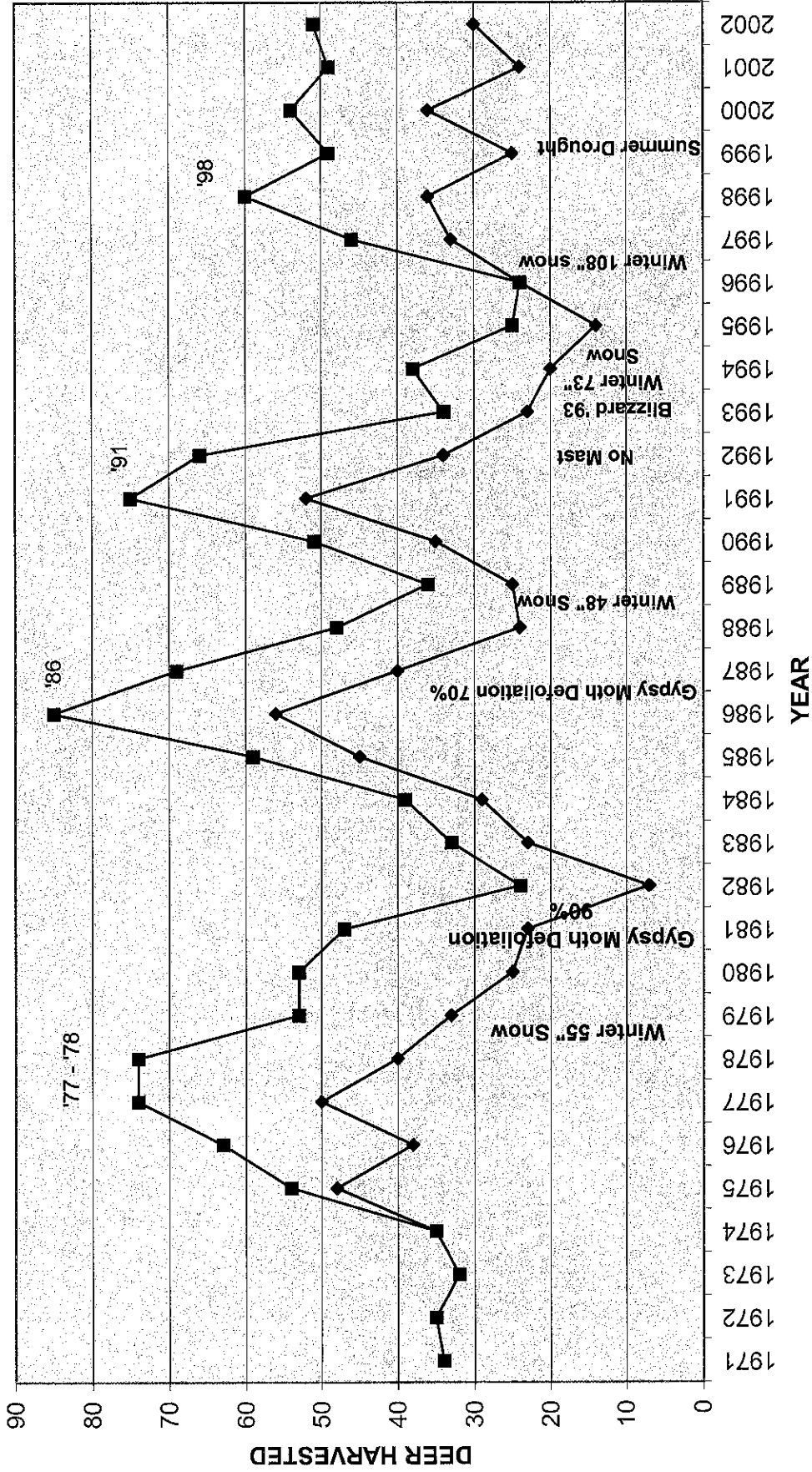
YABD
 Avg. Yearling Weight
 Avg. Fawn Weight

POPULATION COMPOSITION BY YEAR CLASS FOR DEER KNOWN TO HAVE BEEN HARVESTED

BIRTH YEAR	1991		1992		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		TOTAL	MIN POP KNOWN	AGE AS OF FALL 2002 (yrs)	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
1991	3	1	2	6	5	3	7	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	18	53	
1992		1	2	15	2	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	13	33	10.5	
1993			1	1	7	1	2	3	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	11	10	21	9.5	
1994					4	5	10	2	1	0	3	2	1	2	0	1	0	1	0	1	0	2	0	19	15	34	8.5	
1995							0	0	20	0	11	4	4	4	1	1	0	0	0	0	0	0	0	36	9	45	7.5	
1996											16	1	8	5	3	3	0	2	0	1				27	12	39	6.5	
1997											3	1	20	5	6	8	4	6	2	2				35	22	57	5.5	
1998													3	3	11	4	11	2	5	5	2	2	2	32	16	48	4.5	
1999															4	3	15	2	10	7	7	6	36	18	54	3.5		
2000																6	3	7	1	3	7	9	11			20	2.5	
2001																				4	2	13	4	17	6	23	1.5	
2002																								5	2	5	2	FAWN
TOTAL																								282	152	434		

*The data represents the population composition each year at the time fawns were born.

BUCK HARVEST VS TOTAL HARVEST 1971 - 2002



◆ Bucks Harvested ■ Total Harvested

DEER HARVEST

1970 - 2002

DATE	BUCK	DOES	TOTAL HARVEST
1970	24	0	24
1971	34	0	34
1972	35	0	35
1973	32	0	32
1974	35	0	35
1975	48	6	54
1976	38	25	63
1977	50	24	74
1978	40	34	74
1979	33	20	53
1980	25	28	53
1981	23	24	47
1982	7	17	24
1983	23	10	33
1984	29	10	39
1985	45	14	59
1986	56	29	85
1987	40	29	69
1988	24	24	48
1989	25	11	36
1990	35	16	51
1991	52	23	75
1992	34	32	66
1993	23	11	34
1994	20	18	38
1995	14	11	25
1996	24	0	24
1997	33	13	46
1998	36	24	60
1999	25	24	49
2000	36	18	54
2001	28	21	49
2002	30	21	51

BIG BUCKS OF BLACK ROCK FOREST

YEAR	HUNTERS NAME	POINTS	AGE/YRS	WEIGHT(lbs)	BEAM	
					DIAMETER (mm)	
1988	BOB SMITH SR.	7	2 1/2	138	25	
1989	JEFF PAVIA	8	2 1/2	147	26	
1990	DAVE RICE	8	2 1/2	138	27	
1991	STEVE OTLOWSKI	10	3 1/2	124	27	
	JOHN O'ROURKE	8	3 1/2	138	25	
	JOE SWANSON	7	3 1/2	140	21	
1992	JEFF PAVIA	8	2 1/2	120	28	
	BOB BATES	6	2 1/2	122	26	
	DAVE BARKI	8	2 1/2	114	26	
	FURMAN CONKLIN	5	4 1/2	162	31	
	RALPH DEPEW	7	3 1/2	154	28	
	DOUG SPAULDING	8	3 1/2	150	23	
	BOB SHERMAN JR	8	3 1/2	120	27	
	LOU GIZZARELLI	6	3 1/2	132	25	
	TONY TALLARICO	8	3 1/2	122	24	
	JEFF PAVIA	8	2 1/2	116	25	
1993	HENRY MESEROLE	8	3 1/2	134	25	
	AL CRUDELE	7	3 1/2	118	22	
1994	AL CRUDELE (BOW)	8	3 1/2	130	26	
	AL CRUDELE	6	3 1/2	142	27	
	PAT PURCELL	8	3 1/2	130	23	
	JOHN VITEK	8	3 1/2	110	23	
	JAMES FURGUSON	9	3 1/2	152	28	
1995	RALPH BREDEN	8	3 1/2	122	28	
	SAM VRIESEMAN	8	2 1/2	124	22	
	RON JURAIN	10	3 1/2	138	26	
1996	ANTHONY TALLARICO	8	4 1/2	138	26	
	GLENN SHEARER	6	3 1/2	140	31	
	AL GHIOTTI	8	3 1/2	112	30	
	EUGENE GHIOTTI	6	2 1/2	132	27	
	DAVID ROULANGER	8	2 1/2	114	24	
	SEAMUS LEAVEY	8	2 1/2	102	25	
	JOE SWANSON	8	2 1/2	100	25	
	FARREL HOPKINS	8	3 1/2	116	22	
	HENRY MESEROLE	7	2 1/2	122	23	
	DOUG SPAULDING JR.	7	2 1/2	112	23	
	AL WOODRUFF	6	2 1/2	110	22	
	1998	JOHN STAPLES	8	4 1/2	146	30
		EUGENE GHIOTTI	8	3 1/2	135	33
		BILL FRANK	8	3 1/2	136	26
		JEFF WALKER	7	3 1/2	136	28
		EUGENE CONKLIN	8	2 1/2	122	24
		CHRIS KIRWAN	8	2 1/2	110	23
BOB SHERMAN		7	2 1/2	118	26	
TERRY McELROY		6	3 1/2	132	26	
DOUG SPAULDING		8	1Y 7M	102	22	

BIG BUCKS OF BLACK ROCK FOREST

YEAR	HUNTERS NAME	POINTS	AGE/YRS	WEIGHT(lbs)	DIAMETER (mm)
1999	BOB GOSDA	8	3 1/2	138	28
	SCOTT KERLEY	8	3 1/2	114	26
	DENNIS WALKER	8	2 1/2	102	25
	PHILIP ARCHDEACON	6	3 1/2	122	25
	AL CRUDELE	6	2 1/2	110	23
2000	GENE CONKLIN	8	3 1/2	136	27
	FRANK EARLY	6	2 1/2	116	22
	BOB BARKI	8	2 1/2	132	24
	SCOTT WALSH	8	3 1/2	110	21
	GENE CONKLIN	8	3 1/2	112	27
2001	AL CHRISTEIN	8	4 1/2	130	25
	TERRY McELROY	5	3 1/2	136	22
	FRED ZAMENICK JR.	8	4 1/2	126	30
2002	FRANK HALL	6	4 1/2	108	25
	BOB LEETCH	7	3 1/2	126	25
	TODD DUMOULIN	8	3 1/2	114	27
	STEVE RADZISZEINSKI	8	3 1/2	110	30
	DAVE BARKI	10	3 1/2	118	26