

156b SAND PINE SCRUB

(southern lowlands)

156BY001FL

The 156b Sand Pine Scrub range site consists of droughty, sandy soils, and a native plant community. It is typically gently rolling land. The soil mapping units in this site include:

ARCHBOLD	DAYTONA
DUETTE	HOBE
PAOLA	POMELLO
RESOTA	ST LUCIE
ASTATULA*	CASSIA*
JONATHAN	KUREB
LAKEWOOD	MANDRIN
ORSINO	PEMDARVIS
POMELLO	SATELLITE*
WELAKA	

LANDSCAPE

Elevation range: 10 to 50 feet

Slope range: 3% to 20%

CLIMATE

Freeze-free period: 245 to 310 days

Mean annual precipitation: 52 to 56 inches

Moisture and Temperature distribution:

	Jan--	Feb--	Mar--	Apr--	May--	Jun--	Jul--	Aug--	Sep--	Oct--	Nov--	Dec
Mean ppt	2.4	3.0	3.8	2.8	3.2	7.0	8.1	7.7	7.3	4.3	1.7	2.2

Mean tmp

RANGE SITE DESCRIPTION

Typically, the 156b Sand Pine Scrub range site supports an association of Sand Pine, Sand Live Oak, Bluejack Oak, Saw Palmetto, and other shrubs. In South Florida, and on soils with occasional high water table, the sand pine becomes infrequent and gallberry becomes more prominent.

Important forage species include Creeping bluestem, Purple bluestem, Indiangrass, and Beaked panicum. Gopher apple, Legumes, Forbs, Saw palmetto, Scrub oak, and other plants provide a limited volume of seeds and fruit for wildlife. Wildlife escape cover is provided by the 156b Sand Pine Scrub range site.

Four-petal pawpaw, Pigmy fringetree, Curtis milkweed, Dancing-lady orchid, and Florida bonamia may occur on this site, and should be protected. Likewise, the Scrub Jay, Pocket gopher, Mole skink,

and Short-tailed skink should receive special attention and threatened wildlife species.

GROUND COVER AND STRUCTURE

	% Canopy Cover (vertical view)	Average Height (Ft)	% Basal Area Cover
Grasses/Grasslikes	23	1.00	9
Forbs	5	0.50	1
Cryptogams	0	0.00	0
Shrubs	30	4.50	4
Trees	12	22.00	2

PLANT COMMUNITY COMPOSITION

National Symbol	Common Name	Grp	%Composition by weight	Group% Allowable
SOSE5	LOPSIDED INDIANGRASS	1	20	100
PAAN	BEAKED PANICUM	1	20	100
SCST2	CREEPING BLUESTEM	1	20	100
ANVIG	PURPLE BLUESTEM	1	20	100
ANV12	BROOMEDGE BLUESTEM	2	20	20
PANIC2	LOW PANICUM	2	20	20
ARST5	PINELAND THREEAWN	2	20	20
ARIST	THREEAWNS	2	20	20
PASPA	LOW PASPALUMS	2	20	20
SPORO	DROPSEEDS	2	20	20
CAREX	SEDGE	2	20	20
HEGR10	GRASSLEAF GOLDASTER	3	15	15
LEGUM	PERENNIAL LEGUMES	3	15	15
AFF	ANNUAL FORBS	4	5	5
IPOM	MORNINGGLORY	4	5	5
SERE2	SAW PALMETTO	5	15	5
GADU	DWARF HUCKLEBERRY	5	15	15
VIAE	SUMMER GRAPE	5	15	15
SMBO2	SAW GREENBRIAR	5	15	15
YUFI	BEARGRASS	6	25	0
OPUNT	PRICKLY PEAR	6	25	0
LIMON	ROSEMARY	6	25	0
CHOB	GOPHERAPPLE	6	25	0
PICL	SAND PINE	6	25	0
CARYA	HICKORY	6	25	0
QUA2	TURKEY OAK	6	25	0
QUVI	LIVE OAK	6	25	0
QUERC	OAKS	6	25	0
ILAM	SAND HOLLY	6	25	0
MAV12	SWEETBAY	6	25	0

PRODUCTION

Grasses and grasslikes: 10 to 40% of total

Forbs: 5 to 20% of total

Shrubs: 20 to 40% of total

Trees: 0 to 15% of total

PLANT GROWTH CURVES

ID	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
FL4001	1	1	1	1	2	9	21	24	26	12	1	1
TYPIC DROUGHTY												
FL4002	1	1	1	1	3	11	22	21	20	17	1	1
COASTAL COASTAL												

TOTAL ANNUAL PRODUCTION (EXCELLENT CONDITION)

Favorable year 2000 to 3500 lbs/acre

Average year 1200 to 2500 lbs/acre

Unfavorable year 800 to 1500 lbs/acre

**LIVESTOCK DATA
ESTIMATED STOCKING RATE**

Excellent 15 to 20 ac/au

Good 20 to 32 ac/au

Fair 30 to 45 ac/au

Poor 40 to 55 ac/au

WILDLIFE SPECIES LIST

Deer	Turkey	Warblers
Towhee	Quail	Scrub Jay
Crested Flycatcher	Gopher Tortoise	Skinks
Pocket Gopher	Short Tailed Snake	

RANGE SITE DEGRADATION

The 156b Sand Pine Scrub range site can undergo degradation due to overuse from livestock or wildlife. This often takes place because of small sites attracting animals for shade, cover, and dry ground.