

Ref ID # 35025

transect
data entered
stop

S.W. Woodmansee & J.L. Sadle. 2003. Observations of vascular plants at Big Cypress National Preserve, cell #K045, Big Cypress National Preserve, Collier County, Florida. 5 June 2003. The Institute for Regional Conservation, Miami, FL.

Site Ref ID#	Site Name
47686	Big Cypress National Preserve Cell #K045
47687	Big Cypress National Preserve

5 June 2003

Sand, wet, low damp

Wetland Flora

Bear's Pond - Twp.

Point Selected
on Barren Mind

2000

Plants of Big Cypress based on Muss et al. (2002)			
CELL #	Point # 272	Asclepias lanceolata	Caperonia castaneifolia
Date:	RK 15 Observers:	Asclepias longifolia	Capparis cynophallophora *
		Asclepias tuberosa	Capparis flexuosa
Abrus precatorius !		Asclepias verticillata	Capraria biflora
Abutilon permolle		Asimina reticulata	Cardiospermum corindum
Acacia pinetorum		Asplenium serratum	Cardiospermum microcarpum
Acalypha gracilens		Aster adnatus	Carex gigantea!
Acalypha ostryifolia		Aster bracei	Carex longii!
✓ Acer rubrum		✓ Aster carolinianus	Carex lupiliformis
Acmella oppositifolia var. repens		Aster concolor	Carex vexans !
Acoelorraphe wrightii		Aster dumosus	Carica papaya
✓ Acrostichum danaeifolium!		Aster elliotii	Carphephorus corymbosus
Adiantum capillus-veneris*		Aster subulatus	Carphephorus odoratissimus
Adiantum tenerum*		Avicennia germinans	Caryota mitis
Aeschynomene americana		Axonopus compressus*	Cassytha filiformis
Aeschynomene pratensis!		Axonopus fissifolius!	Casuarina equisetifolia
Agalinis fasciculata	X	Axonopus furcatus	Casuarina glauca
Agalinis filifolia		Azolla caroliniana	Catharanthus roseus
Agalinis linifolia		Baccharis angustifolia	Catopsis berteriana
Agalinis maritima		✓ Baccharis glomeruliflora	Catopsis floribunda
Ageratina jucunda	X	Baccharis halimifolia	Celtis laevigata
Albizia lebbeck		✓ Bacopa caroliniana	Cenchrus echinatus *
Aletris bracteata		✓ Bacopa monnieri	Cenchrus gracilius!
Aletris lutea		Bartonia paniculata	Cenchrus incertus
Alpinia zerumbet		Bauhinia purpurea	Centella asiatica
Alysicarpus ovalifolius		Bauhinia variegata	Centrosema virginianum
Alysicarpus vaginalis		Bejaria racemosa	Cephalanthus occidentalis
Amaranthus australis		Berchemia scandens	Ceratophyllum demersum
✓ Amaranthus viridis*	X	Bidens alba var. radiata	Ceratopteris thalictroides
Ambrosia artemisiifolia		Bigelowia nudata subsp. australis	Chamaecrista fasciata
Ammannia latifolia		Bischofia javanica	Chamaecrista nictitans var. aspera
Amorpha fruticosa		Blechnum serrulatum	Chamaesyce blodgettii
Amorpha herbacea		Blechum pyramidatum	Chamaesyce conferta!
Ampelopsis arborea		Bletia purpurea	Chamaesyce hirta
Amphicarpum muhlenbergianum		Boehmeria cylindrica	Chamaesyce hypericifolia
Amyris elemifera		Boerhavia diffusa	Chamaesyce hyssopifolia
Andropogon glomeratus var. glaucopsis*		Boltonia diffusa	Chamaesyce lasiocarpa
Andropogon glomeratus var. hirsutior		Bothriochloa ischaemum var. songarica!	Chamaesyce mendezii
✓ Andropogon glomeratus var. pumilus		Bothriochloa pertusa	Chamaesyce ophthalmica
Andropogon gyrans		Brassica rapa	Chamaesyce pergamenta
Andropogon longiberbis	X	Buchnera americana	Chamaesyce porteriana
Andropogon ternarius		Bucida buceras	Chaptalia tomentosa
Andropogon virginicus		Bulbostylis ciliatifolia	Chiococca alba
Andropogon virginicus var. decipiens		Bulbostylis stenophylla	Chiococca parvifolia
Andropogon virginicus var. glaucus		Burmannia capitata	Chrysobalanus icaco
Anemia adiantifolia		Burmannia flava	Chrysophyllum oliviforme
Angadenia berteroii		✓ Bursera simaruba	Chrysopogon pauciflorus
Annona glabra		Caesalpinia bonduc	Chrysopsis subulata
Apios americana		Calliandra haematocephala	Cirsium horridulum
Apteris aphylla *!		Callicarpa americana	Cirsium nuttallii
✓ Ardisia escallonioides		Calopogon multiflorus!	Cissus verticillata
Argemone mexicana		Calopogon tuberosus!	Citharexylum spinosum
Aristida beyrichiana !		Calyptranthes pallens!	Citrus aurantium
Aristida patula		Calystegia sepium subsp. limnophila	Citrus limon
Aristida purpurascens		Campanula floridana	Citrus sinensis
Aristida spiciformis		Campsis radicans	Citrus xparadisi
Arnoglossum ovatum		✓ Campylocentrum pachyrrhizum	Cladium jamaicense
Arundo donax		Campyloneurum angustifolium*	Clematis baldwinii
Asclepias curassavica		✓ Campyloneurum phyllitidis	Clitoria mariana
Asclepias incarnata		Canna flaccida	Cnidoscolus stimulosus

Dated 07/19/00 → 4,000
10,000 → 29,000

TBD 2000

Coccoloba diversifolia!	Dichanthelium ensifolium	Eragrostis hypnoides*!
Codiaeum variegatum var. pictum	Dichanthelium ensifolium var. unciphyllum!	Eragrostis spectabilis
Coelorachis rugosa	Dichanthelium erectifolium	Erechtites hieracifolia
Coleus pumilus	Dichanthelium laxiflorum *!	Eremochloa ophiuroides
Colocasia esculenta	Dichanthelium leucothrix *!	Erigeron quercifolius
Colubrina arborescens	Dichanthelium ovale	Erigeron vernus
Commelina diffusa var. diffusa	Dichanthelium portoricense	Eriobotrya japonica
Commelina erecta	Dichanthelium strigosum var. glabrescens	Eriocaulon compressum
Conocarpus erectus	Dichanthium aristatum *!	Eriocaulon decangulare
Conoclinium coelestinum	Dichondra carolinensis	Eriocaulon ravenelli !
Conyzia canadensis var. pusilla	Dichondra micrantha	Eriochloa michauxii var. michauxii*
Corchorus hirtus*	Dicliptera sexangularis	Erucastrum gallicum
Corchorus siliquosus	Digitaria ciliaris *!	Eryngium baldwinii
Cordia globosa	Digitaria filiformis var. filiformis !	Eryngium yuccifolium
Coreopsis leavenworthii	Digitaria longiflora	Erythrina herbacea
Cornus foemina	Digitaria violascens!	Erythrodess quereticola !
Crinum americanum	Diodia virginiana	Eugenia axillaris
Crotalaria lanceolata	Dioscorea bulbifera	Eugenia uniflora
Crotalaria pallida var. obovata	Dioscorea sansibarensis	Eulophia alta
Crotalaria pumila*!	Diospyros virginiana	Eupatorium capillifolium
Crotalaria rotundifolia	Dodonaea angustifolia	Eupatorium leptophyllum
Crotalaria spectabilis	Drosera brevifolia	Eupatorium mikanoides
Croton glandulosus var. glandulosus *!	Drosera capillaris	Eupatorium mohrii
Croton humilis	Drymaria cordata*!	Eupatorium rotundifolium
Ctenitis sloanei	Drypetes lateriflora sterte in hastulae hunc camp	Eupatorium serotinum
Cuphea carthagenensis	Dypsis lutescens *	Euphorbia graminea *!
Cuscuta pentagona	Dyschoriste angusta 471175	Euphorbia polyphylla
Cynanchum blodgettii	Dyschoriste oblongifolia*! 289979	Eustachys glauca
Cynanchum scoparium	Echinochloa colona	Eustachys petraea
Cynodon dactylon!	Echinochloa crus-galli	Eustoma exaltatum
Cyperus articulatus	Echinochloa muricata!	Euthamia caroliniana
Cyperus compressus	Echinochloa paludigena	Evolvulus alsinoides*!
Cyperus croceus	Echinochloa walteri	Evolvulus sericeus
Cyperus distinctus	Echinodorus berteroii	Exothea paniculata
Cyperus esculentus	Eclipta prostrata	Ficus aurea!
Cyperus flavescens	Eichornia crassipes	Ficus benjamina * C
Cyperus haspan	Eleocharis albida	Ficus citrifolia
Cyperus involucratus	Eleocharis atropurpurea	Ficus microcarpa *
Cyperus ligularis	Eleocharis baldwinii!	Fimbristylis autumnalis
Cyperus odoratus	Eleocharis cellulosa	Fimbristylis caroliniana
Cyperus planifolius	Eleocharis elongata	Fimbristylis cymosa
Cyperus polystachyos!	Eleocharis flavescens	Fimbristylis schoenoides
Cyperus pumilus	Eleocharis geniculata	Fimbristylis spadicea!
Cyperus retrorsus	Eleocharis interstincta	Flaveria linearis
Cyperus surinamensis	Elephantopus elatus	Forestiera segregata
Cyperus tetragonus*!	Eleusine indica	Fraxinus caroliniana
Cyrtopodium punctatum	Elionurus tripsacoides	Fuirena breviseta
Dactyloctenium aegyptium	Elytraria caroliniensis var. angustifolia	Fuirena scirpoidea
Dalbergia sissoo	Emilia fosbergii!	Furcraea selloa
Dalea carnea	Encyclia cochleata .	Galactia elliottii
Dalea carthagenensis var. floridana	Encyclia tampensis	Galactia regularis
Desmodium floridanum	Epidendrum anceps	Galactia striata
Desmodium incanum	Epidendrum floridense	Galactia volubilis
Desmodium paniculatum	Epidendrum nocturnum	Galium hispidulum
Desmodium tortuosum	Epidendrum rigidum	Gaura angustifolia
Desmodium triflorum	Equisetum hyemale var. affine	Glandularia maritima
Desmodium viridiflorum	Eragrostis atrovirens!	Gnaphalium falcatum!
Dichanthelium aciculare	Eragrostis bahiensis	Gnaphalium obtusifolium
Dichanthelium commutatum	Eragrostis ciliaris	Gnaphalium pennsylvanicum
Dichanthelium dichotomum	Eragrostis elliottii	Gnaphalium purpureum

Deloit & Leigh

Desmodium sp. (narrow leaves)
see pt. 293

Galium tridentatum!

Sabatia stellaris	Simarouba glauca	✓ Thelypteris kunthii!
Saccharum giganteum	Sisyrinchium angustifolium	Thelypteris ovata!
Saccharum officinarum	Sisyrinchium rosulatum	✓ Thelypteris palustris var. pubescens
Sacciolepis indica	Smilax auriculata	Thelypteris reticulata
Sacciolepis striata	Smilax bona-nox	✓ Tillandsia balbisiana
Sacoila lanceolata	✓ Smilax laurifolia	Tillandsia fasciculata var. densispica
Sageretia minutiflora	Solanum americanum	Tillandsia flexuosa !
Sagittaria filiformis	Solanum capsicoides*	Tillandsia paucifolia
Sagittaria graminea!	Solanum erianthum	✓ Tillandsia pruinosa <i>101 - 102 - fl. 01a</i>
✓ Sagittaria graminea var. chapmanii	Solanum verbascifolium	✓ Tillandsia recurvata!
✓ Sagittaria lancifolia	Solanum viarum	✓ Tillandsia setacea
Salix caroliniana	Solidago fistulosa	✓ Tillandsia usneoides
Salvia lyrata !	X Solidago gigantea	✓ Tillandsia utriculata
Salvia occidentalis	Solidago odora var. chapmanii	✓ Tillandsia variabilis
✓ Salvinia minima	X Solidago sempervirens	Tillandsia xsmalliana
Sambucus canadensis	Solidago stricta	Tournefortia hirsutissima
Samolus ebracteatus	Solidago tortifolia!	Tournefortia volubilis
Samolus valerandi subsp. parviflorus	Spartina bakeri !	✓ Toxicodendron radicans
Sansevieria hyacinthoides*	X Spermacoce assurgens	Tradescantia spathacea
Sapindus saponaria	Spermacoce floridana	Tradescantia zebra
✓ Sarcostemma clausum	Spermacoce prostrata	Trema micranthum
✓ Saururus cernuus	Spermacoce terminalis	Trichomanes holopterum
Schefflera actinophylla	Spermacoce tetraquetra *	Trichostema dichotomum
✓ Schinus terebinthifolius	✓ Spermacoce verticillata	Trichostigma octandrum
Schizachyrium gracile *!	Spigelia anthelmia *	Tridax procumbens
✓ Schizachyrium rhizomatum	Spiranthes brevilabris	Triphora gentianoides
Schizachyrium sanguineum	Spiranthes cernua	✓ Tripsacum dactyloides
Schoenolirion albiflorum	Spiranthes laciniata	Tripsacum floridanum
Schoenus nigricans	Spiranthes longilabris	Turbina corymbosa
Schoepfia chrysophylloides	Spiranthes odorata	✓ Typha domingensis
Scirpus tabernaemontani !	Spiranthes torta	Typha latifolia
Scleria baldwinii	Spiranthes vernalis	Urena lobata
Scleria ciliata var. ciliata!	Spirodela polyrhiza*	Urochloa fasciculata var. reticulata
Scleria georgiana!	Sporobolus domingensis	Urochloa mutica
Scleria hirtella !	Sporobolus indicus	Urochloa ramosa
Scleria lithosperma *	X Sporobolus indicus var. pyramidalis	Utricularia cornuta
Scleria reticularis	Sporobolus juncceus	✓ Utricularia foliosa
Scleria triglomerata!	Sporobolus pyramidatus	✓ Utricularia gibba
Scleria verticillata	Stachytarpheta jamaicensis	Utricularia inflata
X Scoparia dulcis	Stenandrium dulce	✓ Utricularia purpurea
Senecio glabellus	Stenochnaena tenuifolia	✓ Utricularia radiata
Senna alata	X Stenotaphrum secundatum	Utricularia resupinata
Senna ligustrina	Stillingia aquatica	Utricularia simulans
Senna obtusifolia	Stillingia sylvatica	Utricularia subulata
Senna pendula var. glabrata	Stylosanthes hamata !	Vaccinium darrowii
Serenoa repens	Syagrus romanzoffiana *	Vaccinium myrsinifolium
Sesbania herbacea	Syngonium angustatum!	Vanilla phaeantha
Sesbania vesicaria	Syngonium podophyllum	Verbena bonariensis
Sesuvium portulacastrum	Syzygium cumini	✓ Verbena scabra
Setaria corrugata	Syzygium jambos	Verbesina virginica
Setaria magna	Tabebuia aurea	Vernonia blodgettii
X Setaria parviflora	X Taxodium ascendens	Viburnum obovatum
Seymeria pectinata	✓ Taxodium distichum	✓ Vicia acutifolia
X Sida acuta	Tectaria heracleifolia	X Vigna luteola
Sida cordifolia	Tephrosia spicata!	Viola lanceolata
Sida elliottii	X Teucrium canadense	Viola sororia *!
Sida rhombifolia	✓ Thalia geniculata	Vitis aestivalis
Sideroxylon foetidissimum	Thelypteris dentata !	✓ Vitis cinerea var. floridana
Sideroxylon reclinatum ssp. reclinatum	Thelypteris hispidula var. versicolor	✓ Vitis rotundifolia
Sideroxylon salicifolium	✓ Thelypteris interrupta	Vitis shuttleworthii

✓ Sonchus Sg

	Vittaria lineata				
	Waltheria indica				
	Wedelia trilobata				
	Wolfiella oblonga				
	Woodwardia areolata				
✓	Woodwardia virginica				
✓	Ximenia americana				
	Xyris ambigua				
	Xyris calcicola *				
	Xyris caroliniana *				
	Xyris difformis var. floridana				
	Xyris ellottii				
	Xyris flabelliformis !				
	Xyris jupicai				
	Youngia japonica				
	Zanthoxylum fagara				
	Zea mays subsp. mexicana				
	Zephyranthes simpsonii				
	Zeuxine strateumatica				
✓	Zizaniopsis miliacea				
	Zoysia tenuifolia				
Bold	= needs to be collected				
*	=not on Muss et al.				
!	=collected by IRC				
C	= Cultivated Only				
✓	<i>Galium lineatum</i> Standseamp				
	491063 2900450				
	afB				
	cut side cell, but for collecting				
	<i>Marsilea indica</i> <i>Galactia striata</i> <i>Pseudelaphantopus speciosus</i>				

Big Cypress NP Data Sheets			
Date:	15 June		
County:	Collier		
Region:	SW 1/4 13° 25' N 81° 25' W	1/4 land	
Cell #		Point #	272
Transect #1			
Heading (deg.):	140°		
Origin coordinates:	W71137	2900828	516.5
End coordinates:	N71310	2900633	515.7m
Species on line	Quercus	Pleopeltis	Lemniscus
Phragmites	Blechnum	Pellaea	Salicaria
Cordyline	Annona	Notholaena	
	Wendlandia	Tillandsia	
Mt. of cadi / inf	Thespesia	Baccharis	
	Sabalapalm	Pontederia	
	Taxodium	Sarcocornia	
skid	Acanthoc	Dichanthium	
	Sarcocornia	Harrisia	
	Tillandsia	Encyclia	
	Rhynchosia	Tillandsia	
	Leucosyne	Tillandsia	
	Periphanes	Tillandsia	
	Thespesia	Psychotria	
	Kuhnia	Ficus	
	Panicum	Sagittaria	
	Eragrostis	Epidendrum	
	Panicum	Thespesia	
	Sagittaria	Sabicea	
	Tillandsia	Pistia	
Quad. 2.5 m Intercept 1 (2.5)	Acanthoc	Annona	Quercus
Quad. 2.5 m Intercept 2 (5)	Sabalapalm	Annona	Quercus
Quad. 2.5 m Intercept3 (7.5)	Wendlandia	Quercus	
Quad. 2.5 m Intercept4 (10)	Quercus	Blechnum	
Quad. 2.5 m Intercept5 (12.5)	Periphanes	Quercus	Taxodium
Quad. 2.5 m Intercept6 (15)	Acanthoc	Quercus	Taxodium
Quad. 2.5 m Intercept7 (17.5)	Sabalapalm	Quercus	Taxodium
Quad. 2.5 m Intercept8 (20)	Sabalapalm	Quercus	
Quad. 2.5 m Intercept9 (22.5)	Thespesia	Quercus	Quercus

Quad. 2.5 m Intercept10 (25)	Ques' aln			
Quad. 2.5 m Intercept11 (27.5)	Taxo dist	Blec Son	Ques' lnn	
Quad. 2.5 m Intercept12 (30)	Sa.Sapalm	Ques' lnn		
Quad. 2.5 m Intercept13 (32.5)	Anomob	Sapalm	Ques' nct	
Quad. 2.5 m Intercept14 (35)	Acer rubr	Taxo dist		
Quad. 2.5 m Intercept15 (37.5)	Taxo dist			
Quad. 2.5 m Intercept16 (40)	Blec son	Acer rubr	Quer lnn	
Quad. 2.5 m Intercept17 (42.5)	Taxo dist	Quer lnn		
Quad. 2.5 m Intercept18 (45)	Blec son	T d	Q	
Quad. 2.5 m Intercept19 (47.5)	Care lnpn	Myricia	Acer rubr	
Quad. 2.5 m Intercept20 (50)	Blec son	Taxo dist	Acer rubr	
Quad. 2.5 m Intercept21 (2.5)	Sanca	Blec son	Acer rubr	
Quad. 2.5 m Intercept22 (5)	Blec son	Taxo dist	Frax card	
Quad. 2.5 m Intercept23 (7.5)	Taxo dist			
Quad. 2.5 m Intercept24 (10)	Quer lnn			
Quad. 2.5 m Intercept25 (12.5)	Acer rubr	Quer lnn		
Quad. 2.5 m Intercept26 (15)	Taxo dist	Quer lnn		
Quad. 2.5 m Intercept27 (17.5)	Taxo dist	Quer lnn	Frax card	
Quad. 2.5 m Intercept28 (20)	Taxo dist	Quer lnn	Frax card	
Quad. 2.5 m Intercept29 (22.5)	Acer rubr	Frax card		
Quad. 2.5 m Intercept30 (25)	Taxo dist	Acer rubr	Frax card	
Quad. 2.5 m Intercept31 (27.5)	Taxo dist	Acer rubr	Frax card	
Quad. 2.5 m Intercept32 (30)	Frax card			
Quad. 2.5 m Intercept33 (32.5)	Frax card	Taxo dist		

Quad. 2.5 m Intercept34 (35)	Fraxcaro				
Quad. 2.5 m Intercept35 (37.5)	Querlaur	Fraxcaro			
Quad. 2.5 m Intercept36 (40)	Bleu Seff	Frax caro	Taxodis		
Quad. 2.5 m Intercept37 (42.5)	Taxodist	Fraxcaro			
Quad. 2.5 m Intercept38 (45)	Tillseta	Taxodist	Fraxcaro		
Quad. 2.5 m Intercept39 (47.5)	Fraxcaro				
Quad. 2.5 m Intercept40 (50)	Tillseta	Fraxcaro			
Quad. 2.5 m Intercept41 (2.5)	Fraxcaro				
Quad. 2.5 m Intercept42 (5)	Annoglab	Fraxcaro			
Quad. 2.5 m Intercept43 (7.5)	Annoglab	Frax caro			
Quad. 2.5 m Intercept44 (10)	Fraxcaro				
Quad. 2.5 m Intercept45 (12.5)	Fraxcaro	Querlaur			
Quad. 2.5 m Intercept46 (15)	Fraxcaro	Annoglab			
Quad. 2.5 m Intercept47 (17.5)	Plenpdylich	Fraxcaro	Taxodist		
Quad. 2.5 m Intercept48 (20)	Taxo dist	Tillseta	Fraxcaro		
Quad. 2.5 m Intercept49 (22.5)	Annoglab	Fraxcaro	Taxodist		
Quad. 2.5 m Intercept50 (25)	Fraxcaro	Annoglab			
Quad. 2.5 m Intercept51 (27.5)	Fraxcaro	Taxo dist	Phryngynn		
Quad. 2.5 m Intercept52 (30)	Fraxcaro	Annoglab	Taxo dist		
Quad. 2.5 m Intercept53 (32.5)	Fraxcaro				
Quad. 2.5 m Intercept54 (35)	Fraxcaro				
Quad. 2.5 m Intercept55 (37.5)	Fraxcaro	Annoglab	Taxo dist		
Quad. 2.5 m Intercept56 (40)	Perspulu	Annoglab	Tillseta	Taxo dist	
Quad. 2.5 m Intercept57 (42.5)	Annoglab	Taxodist			

Quad. 2.5 m Intercept58 (45)	Perspalm	Taxodist		
Quad. 2.5 m Intercept59 (47.5)	Sagigram	Annoglab	Pleoplymich	
Quad. 2.5 m Intercept60 (50)	Ficunance	Annoglab		(Polyradision to 10m Natant 10m)
Quad. 2.5 m Intercept61 (2.5)	Annoglab	Pleoplymich		
Quad. 2.5 m Intercept62 (5)	Annoglab	Fraxcaro		
Quad. 2.5 m Intercept63 (7.5)	Tillsota	Fraxcaro		
Quad. 2.5 m Intercept64 (10)	Quer laur	Fraxcaro	Annoglab	
Quad. 2.5 m Intercept65 (12.5)	Fraxcaro	Pontocar		
Quad. 2.5 m Intercept66 (15)	Fraxcaro	Acer rubr		
Quad. 2.5 m Intercept67 (17.5)	Pleoplymich	Fraxcaro	Taxodist	Tillsota
Quad. 2.5 m Intercept68 (20)	Annoglab	Fraxcaro	Taxodist	
Quad. 2.5 m Intercept69 (22.5)	Tillsota	Fraxcaro		
Quad. 2.5 m Intercept70 (25)	Fraxcaro	Annoglab		
Quad. 2.5 m Intercept71 (27.5)	Annoglab	Acer rubr	Taxodist	
Quad. 2.5 m Intercept72 (30)	Taxodist	Tillsota	Bleu Serr	Annoglab.
Quad. 2.5 m Intercept73 (32.5)	Fraxcaro	Taxodist		
Quad. 2.5 m Intercept74 (35)	Fraxcaro	Annoglab	Acer rubr	Taxodist
Quad. 2.5 m Intercept75 (37.5)	Annoglab	Pleoplymich		
Quad. 2.5 m Intercept76 (40)	Annoglab			
Quad. 2.5 m Intercept77 (42.5)	Fraxcaro	Annoglab		
Quad. 2.5 m Intercept78 (45)	Tillsota	Annoglab	Fraxcaro	Pleoplymich
Quad. 2.5 m Intercept79 (47.5)	Fraxcaro	Annoglab		
Quad. 2.5 m Intercept80 (50)	Fraxcaro	Pleoplymich	Tillsota	
Quad. 2.5 m Intercept81 (2.5)	Fraxcaro			

Quad. 2.5 m Intercept82 (5)	Frax caro				
Quad. 2.5 m Intercept83 (7.5)	Frax caro				
Quad. 2.5 m Intercept84 (10)	Acer rubrum	Tili seta			
Quad. 2.5 m Intercept85 (12.5)	Annoglab				
Quad. 2.5 m Intercept86 (15)	Annoglab	Frax caro	Taxod i	Till seta	
Quad. 2.5 m Intercept87 (17.5)	Till seta	Annoglab	Frax caro	Taxod i	Pleopolyrich
Quad. 2.5 m Intercept88 (20)	Frax caro	Taxod i			
Quad. 2.5 m Intercept89 (22.5)	Frax caro				
Quad. 2.5 m Intercept90 (25)	Frax caro				
Quad. 2.5 m Intercept91 (27.5)	Annoglab	Frax caro	Till seta		
Quad. 2.5 m Intercept92 (30)	Frax caro	Annoglab			
Quad. 2.5 m Intercept93 (32.5)	Frax caro	Till seta			
Quad. 2.5 m Intercept94 (35)	Ponticord	Sarcocorn	Frax caro		
Quad. 2.5 m Intercept95 (37.5)	Frax caro	Utric infl/radi			
Quad. 2.5 m Intercept96 (40)	Frax caro	Utric infl/radi			
Quad. 2.5 m Intercept97 (42.5)	Utric infl/radi	Salic caro	Frax caro	Till fusc dens	
Quad. 2.5 m Intercept98 (45)	Salic caro	Frax caro			
Quad. 2.5 m Intercept99 (47.5)	Pani hemi	Frax caro			
Quad. 2.5 m Intercept100 (50)	Salic caro	Frax caro	Utric infl/radi		

Big Cypress NP Data Sheets				
Date:	5/16/2003			
County:	Collier			
Region:	NW corner of preserve	Region	East end of transect	
Cell #		Point #	Z72	
Transect #2				
Heading (deg.):	190°			
Origin coordinates:				
End coordinates:	47(140)	2900552	± .9.2	
Species on line.	Quercus	Tillporia	Panicigi	
	Bleeseri	Tillvari	Pistacia	
	Pers. palm.	Epidendre	Succern	
	Taxodist	Poehryli	Mikascan	
	Acer rubrum	Pantocaral	Carelypn	
	Jack palm	Rhyncaen		
	Tillseta	Tilluse		
	Nephewia	Sarc. clau		
	Annona	Lumnobosc		
	Frax. caro	Pheozymich		
	Woodviry	Thalgeni		
	Panicigi	Epidrigi		
	Rapapunc	Salicaro		
	Carelypn	Encycoph		
	Dichcomia	Salvinia		
	Ficus aure	Myricina		
	Acer rubrum	Chelint		
	Phragmites	Ficus aure		
	Sagigranchap	Marsbili		
	Tillball	Hydrovert		
Quad. 2.5 m Intercept 1 (2.5)	Ac. serr	Pers. palm	Taxodist	
Quad. 2.5 m Intercept 2 (5)	Quercus	Bleeseri	Pers. palm	Taxodist
Quad. 2.5 m Intercept3 (7.5)	Tillball	Bleeseri	Quercus	
Quad. 2.5 m Intercept4 (10)	Acer rubrum	Taxodist		
Quad. 2.5 m Intercept5 (12.5)	Sabugalba	Taxodist		
Quad. 2.5 m Intercept6 (15)	Bleeseri	Acer rubrum	Taxodist	
Quad. 2.5 m Intercept7 (17.5)	Taxodist	Rapapunc	Acer rubrum	
Quad. 2.5 m Intercept8 (20)	Taxodist			
Quad. 2.5 m Intercept9 (22.5)	Tillseta	Pers. palm	Taxodist	Frax. caro

Quad. 2.5 m Intercept10 (25)	Annoglab	Fraxcaro	Taxodist	
Quad. 2.5 m Intercept11 (27.5)	Taxodist	Fraxcaro		
Quad. 2.5 m Intercept12 (30)	Tilivari	Fraxcaro		
Quad. 2.5 m Intercept13 (32.5)	Acer subr	Fraxcaro	Sagigramchop	
Quad. 2.5 m Intercept14 (35)	Fraxcaro	Acer subr		
Quad. 2.5 m Intercept15 (37.5)	Fraxcaro			
Quad. 2.5 m Intercept16 (40)	Taxodist	Perspalm		
Quad. 2.5 m Intercept17 (42.5)	Taxodist	Perspalm		
Quad. 2.5 m Intercept18 (45)	Fraxcaro	Taxodist		
Quad. 2.5 m Intercept19 (47.5)	Fraxcaro	Taxodist		
Quad. 2.5 m Intercept20 (50)	Annoglab	Taxodist	Pleopolyrich	
Quad. 2.5 m Intercept21 (2.5)	Taxodist	Annoglab		
Quad. 2.5 m Intercept22 (5)	Annoglab			
Quad. 2.5 m Intercept23 (7.5)	Fraxcaro			
Quad. 2.5 m Intercept24 (10)	Fraxcaro			
Quad. 2.5 m Intercept25 (12.5)	Fraxcaro	Annoglab	Pleuri	
Quad. 2.5 m Intercept26 (15)	Annoglab			
Quad. 2.5 m Intercept27 (17.5)	Annoglab	Sagigramchop		
Quad. 2.5 m Intercept28 (20)	Annoglab	Tilivari	Taxodist	
Quad. 2.5 m Intercept29 (22.5)	Tiliota	Annoglab	Fraxcaro	
Quad. 2.5 m Intercept30 (25)	Fraxcaro	Annoglab		
Quad. 2.5 m Intercept31 (27.5)	Fraxcaro	Annoglab		
Quad. 2.5 m Intercept32 (30)	Fraxcaro	Annoglab	Pleopolyrich	
Quad. 2.5 m Intercept33 (32.5)	Fraxcaro	Annoglab		

Quad. 2.5 m Intercept34 (35)	Fraxcaro			
Quad. 2.5 m Intercept35 (37.5)	Annoglab	Fraxcaro	Tarodist	
Quad. 2.5 m Intercept36 (40)	Tarodist	Annoglab		
Quad. 2.5 m Intercept37 (42.5)	Annoglab	Tarodist		
Quad. 2.5 m Intercept38 (45)	Fraxcaro	Thalgeni		
Quad. 2.5 m Intercept39 (47.5)	Fraxcaro			
Quad. 2.5 m Intercept40 (50)	Sabapalm	Fraxcaro	Tillsota	
Quad. 2.5 m Intercept41 (2.5)	Fraxcaro	Tillsota	Epidrigi	
Quad. 2.5 m Intercept42 (5)	Fraxcaro	Salicaro		
Quad. 2.5 m Intercept43 (7.5)	Annoglab			
Quad. 2.5 m Intercept44 (10)	Annoglab	Fraxcaro		
Quad. 2.5 m Intercept45 (12.5)	Annoglab	Fraxcaro	Tisigeri	
Quad. 2.5 m Intercept46 (15)	Annoglab	Fraxcaro		
Quad. 2.5 m Intercept47 (17.5)	Fraxcaro	Annoglab		
Quad. 2.5 m Intercept48 (20)	Tillfrasedens	Tillsota	Fraxcaro	
Quad. 2.5 m Intercept49 (22.5)	Tillsota	Fraxcaro		
Quad. 2.5 m Intercept50 (25)	Fraxcaro	Tillsota	Pleoplymich	
Quad. 2.5 m Intercept51 (27.5)	Fraxcaro	Tillsota		
Quad. 2.5 m Intercept52 (30)	Tillsota	Fraxcaro	Pleoplymich	
Quad. 2.5 m Intercept53 (32.5)	Tillsota	Fraxcaro		
Quad. 2.5 m Intercept54 (35)	Fraxcaro			
Quad. 2.5 m Intercept55 (37.5)	Fraxcaro			
Quad. 2.5 m Intercept56 (40)	Fraxcaro			
Quad. 2.5 m Intercept57 (42.5)	Fraxcaro			

Quad. 2.5 m Intercept58 (45)	Till seta	Frax caro	Pleopolyrich
Quad. 2.5 m Intercept59 (47.5)	Frax caro	Annoglab	Epidrigi
Quad. 2.5 m Intercept60 (50)	Frax caro	Annoglab	
→ Quad. 2.5 m Intercept61 (2.5)	Annoglab	Frax caro	Phragmnn
Quad. 2.5 m Intercept62 (5)	Taxodist		
Quad. 2.5 m Intercept63 (7.5)	Annoglab	Frax caro	Taxodist Pleopolyrich
Quad. 2.5 m Intercept64 (10)	Frax caro	Annoglab	Till Saccdens
Quad. 2.5 m Intercept65 (12.5)	Myri ceri	Dichcomm	Taxodist Frax caro Fic aur
Quad. 2.5 m Intercept66 (15)	Frax caro		
Quad. 2.5 m Intercept67 (17.5)	Frax caro	Taxodist	Pers polu
Quad. 2.5 m Intercept68 (20)	Frax caro		
Quad. 2.5 m Intercept69 (22.5)	Frax caro	Taxodist	
Quad. 2.5 m Intercept70 (25)	Annoglab	Frax caro	Taxodist
Quad. 2.5 m Intercept71 (27.5)	Taxodist		
Quad. 2.5 m Intercept72 (30)	Fic aur	Taxodist	Acer rubr
Quad. 2.5 m Intercept73 (32.5)	Acer rubr		
Quad. 2.5 m Intercept74 (35)	Annoglab	Taxodist	
Quad. 2.5 m Intercept75 (37.5)	Taxodist	Frax caro	
Quad. 2.5 m Intercept76 (40)	Annoglab	Frax caro	
Quad. 2.5 m Intercept77 (42.5)	Frax caro		
Quad. 2.5 m Intercept78 (45)	Till seta	Taxodist	Frax caro
Quad. 2.5 m Intercept79 (47.5)	Sagit tamby	Frax caro	Taxodist
Quad. 2.5 m Intercept80 (50)	Acer rubr		
Quad. 2.5 m Intercept81 (2.5)	Annoglab	Frax caro	

Quad. 2.5 m Intercept82 (5)	Fraxcaro	Acer rubrum		
Quad. 2.5 m Intercept83 (7.5)	Fraxcaro	Taxodist		
Quad. 2.5 m Intercept84 (10)	Annonglab	Taxodist		
Quad. 2.5 m Intercept85 (12.5)	Fraxcaro	Taxodist		
Quad. 2.5 m Intercept86 (15)	Taxodist			
Quad. 2.5 m Intercept87 (17.5)	Nephewal	Fraxcaro	Taxodist	
Quad. 2.5 m Intercept88 (20)	Rhanguynn	Taxodist	Fraxcaro	
Quad. 2.5 m Intercept89 (22.5)	Taxodist			
Quad. 2.5 m Intercept90 (25)	Taxodist	Querlaur	Fraxcaro	Ble c. Serr
Quad. 2.5 m Intercept91 (27.5)	Querlaur	Taxodist		
Quad. 2.5 m Intercept92 (30)	Taxodist			
Quad. 2.5 m Intercept93 (32.5)	Taxodist			
Quad. 2.5 m Intercept94 (35)	Sagigranachap	Taxodist	Acer rubrum	
Quad. 2.5 m Intercept95 (37.5)	Fraxcaro	Acer rubrum	Taxodist	
Quad. 2.5 m Intercept96 (40)	Thelinte	Taxodist		
Quad. 2.5 m Intercept97 (42.5)	Sabapalm	Thelinte	Taxodist	
Quad. 2.5 m Intercept98 (45)	Care lupy	Thelinte	Fraxcaro	Taxodist
Quad. 2.5 m Intercept99 (47.5)	Ble C Serr	Taxodist	Fraxcaro	Thelinte
Quad. 2.5 m Intercept100 (50)	Ble c serr	Annonglab	Fraxcaro	

<i>Gomphrena serrata</i>	<i>Iresine diffusa</i>	<i>Lycopus rubellus</i>
<i>Gouania lupuloides</i>	<i>Iris hexagona</i>	<i>Lygodium microphyllum</i>
<i>Gratiola ramosa</i>	<i>Isoetes flaccida</i> !	<i>Lyonia fruticosa</i>
<i>Grevillea robusta</i>	<i>Iva microcephala</i>	<i>Lyonia lucida</i>
<i>Guzmania monostachia</i>	<i>Ixora coccinea</i>	<i>Lysiloma latisiliquum</i>
<i>Gymnopogon brevifolius</i>	<i>Jacquemontia curtissii</i>	<i>X Lythrum alatum var. lanceolatum</i>
<i>Gymnopogon chapmanianus</i>	<i>Jacquemontia pentanthos</i>	<i>Lythrum lineare</i>
<i>Habenaria floribunda</i>	<i>X Juncus marginatus</i>	<i>Macroptilium atropurpureum</i>
<i>Habenaria nivea</i>	<i>Juncus megacephalus</i>	<i>Macroptilium lathyroides</i>
<i>e6 Habenaria quinqueseta</i>	<i>✓ Juncus polyccephalos</i>	<i>Magnolia grandiflora</i>
<i>Habenaria repens</i>	<i>Juncus repens</i>	<i>Magnolia virginiana</i>
<i>Hamelia patens</i>	<i>Juncus roemerianus</i>	<i>Malachra urens</i>
<i>✓ Harrisella filiformis</i>	<i>Juncus trigonocarpus</i>	<i>Malaxis spicata</i>
<i>Hedyotis procumbens</i> !	<i>Justicia angusta</i> !	<i>Malvaviscus arboreus var. drummondii</i>
<i>Hedyotis uniflora</i>	<i>Kalanchoe pinnata</i>	<i>Mangifera indica</i>
<i>✓ Helenium amarum</i>	<i>Kalanchoe tubiflora</i>	<i>Maxillaria crassifolia</i>
<i>Helenium pinnatifidum</i>	<i>Kigelia pinnata</i>	<i>X Mecardonia acuminata subsp. peninsularis</i>
<i>Helianthus angustifolius</i>	<i>Kosteletzky virginica</i>	<i>X Mecardonia procumbens</i> !
<i>Helianthus radula</i>	<i>Krugiodendron ferreum</i>	<i>Medicago lupulina</i> *!
<i>Heliotropium angiospermum</i> *	<i>✓ Kyllinga brevifolia</i>	<i>Melaleuca quinquenervia</i>
<i>Heliotropium polypyllum</i>	<i>Lachnocaulon anceps</i>	<i>Melaleuca viminalis</i>
<i>Heteropogon contortus</i>	<i>Laguncularia racemosa</i>	<i>Melanthera angustifolia</i> !
<i>Heteropogon melanocarpus</i>	<i>Lantana camara</i>	<i>Melanthera parvifolia</i>
<i>Heterotheca subaxillaris</i>	<i>Lantana depressa var. sanibelensis</i> !	<i>Melanthera nivea</i>
<i>Hibiscus grandiflorus</i> !	<i>Lantana involucrata</i>	<i>Melilotus albus</i>
<i>Hibiscus poeppigii</i> !	<i>Lasiaciis divaricata</i>	<i>Melochia pyramidata</i>
<i>Hibiscus rosa-sinensis</i> var. <i>schizopetalus</i>	<i>✓ Leersia hexandra</i>	<i>Melochia spicata</i>
<i>Hibiscus tiliaceus</i>	<i>✓ Lemna obscura</i>	<i>✓ Melothria pendula</i>
<i>Hieracium megacephalon</i> *	<i>Lepidium virginicum</i>	<i>Metopium toxiferum</i>
<i>Hippocratea volubilis</i>	<i>Leptochloa fascicularis</i> !	<i>X Micranthemum glomeratum</i>
<i>Hydrilla verticillata</i>	<i>Leucaena leucocephala</i>	<i>Microgramma heterophylla</i> !
<i>Hydrocotyle bonariensis</i>	<i>Liatris garberi</i>	<i>Mikania cordifolia</i>
<i>Hydrocotyle umbellata</i>	<i>Liatris gracilis</i>	<i>✓ Mikania scandens</i>
<i>✓ Hydrocotyle verticillata</i>	<i>Liatris graminifolia</i>	<i>✓ Mitreola petiolata</i>
<i>X Hydrolea corymbosa</i>	<i>Liatris pauciflora</i>	<i>Mitreola sessilifolia</i>
<i>Hymenocallis palmeri</i>	<i>Liatris spicata</i>	<i>Monanthochloe littoralis</i>
<i>Hyparrhenia rufa</i>	<i>Licania michauxii</i>	<i>Morus alba</i>
<i>Hypericum brachyphyllum</i> !	<i>Lilium catesbaei</i>	<i>✓ Morus rubra</i>
<i>Hypericum cistifolium</i>	<i>Limnophila sessiliflora</i>	<i>Mucuna pruriens</i> *
<i>Hypericum crux-andreae</i> !	<i>Lindernia crustacea</i>	<i>Muhlenbergia capillaris</i>
<i>X Hypericum hypericoides</i>	<i>Lindernia dubia</i> var. <i>anagallidea</i>	<i>Murdannia nudiflora</i>
<i>Hypericum tetrapetalum</i>	<i>✓ Lindernia grandiflora</i>	<i>Murdannia spirata</i>
<i>Hypoxis juncea</i>	<i>Linum carteri</i> var. <i>smallii</i>	<i>Musa xparadisiaca</i>
<i>Hypoxis wrightii</i>	<i>Linum floridanum</i>	<i>✓ Myrcianthes fragrans</i>
<i>✓ Hyptis alata</i>	<i>Linum medium</i> var. <i>texanum</i> !	<i>✓ Myrica cerifera</i>
<i>Hyptis mutabilis</i>	<i>Liparis nervosa</i>	<i>Myriophyllum aquaticum</i>
<i>Hyptis pectinata</i>	<i>X Lobelia feayana</i>	<i>Myriophyllum heterophyllum</i>
<i>Hyptis verticillata</i>	<i>Lobelia glandulosa</i>	<i>Myriophyllum pinnatum</i>
<i>✓ Ilex cassine</i> !	<i>Lobelia homophylla</i>	<i>✓ Naja guadalupensis</i>
<i>Ilex glabra</i>	<i>Lobelia paludosa</i> !	<i>Najas marina</i>
<i>Imperata brasiliensis</i>	<i>Ludwigia alata</i> !	<i>Najas wrightiana</i>
<i>Imperata cylindrica</i>	<i>Ludwigia curtissii</i>	<i>Nelumbo lutea</i>
<i>Indigofera spicata</i>	<i>Ludwigia erecta</i>	<i>✓ Nephrolepis biserrata</i>
<i>Ionopsis utricularioides</i>	<i>Ludwigia maritima</i>	<i>✓ Nephrolepis exaltata</i>
<i>Ipomoea alba</i>	<i>X Ludwigia microcarpa</i>	<i>Nephrolepis multiflora</i> !
<i>Ipomoea batatas</i>	<i>Ludwigia octovalvis</i>	<i>Neyraudia reynaudiana</i>
<i>Ipomoea cordatotriloba</i>	<i>Ludwigia peruviana</i>	<i>Nicotiana tabacum</i>
<i>Ipomoea indica</i> var. <i>acuminata</i>	<i>✓ Ludwigia repens</i> !	<i>Nuphar lutea</i> subsp. <i>advena</i>
<i>Ipomoea sagittata</i>	<i>Ludwigia suffruticosa</i>	<i>Nymphaea elegans</i>
<i>Ipomoea triloba</i>	<i>Lycium carolinianum</i>	<i>Nymphaea lotus</i>

✓ *Hypericum* ~~multiflorum~~ (little)
muticum

Jasminum multiflorum SWH SLS 8/5/03
Steink.

Nymphaea odorata	Phyla stoechadifolia*	Pteris bahamensis
Nymphoides aquatica	Phyllanthus caroliniensis subsp. saxicola	Pteris tripartita
Ocimum campechianum	Phyllanthus urinaria	Pteris vittata
Ocotea coriacea	Physalis angustifolia	Pteris xdelchampsii
Oeceoclades maculata	Physalis pubescens	Pterocalon pycnostachyum
Oenothera humifusa	Physalis walteri	Ptilimnium capillaceum
Ophioglossum palmatum	Physostegia purpurea!	Quercus chapmanii *
Ophioglossum petiolatum !	Phytolacca americana	Quercus geminata
Oplismenus hirtellus	Pilea microphylla!	Quercus laurifolia
Opuntia humifusa	Piloblephis rigida	Quercus minima!
Osmunda regalis var. spectabilis	Pinguicula lutea	Quercus pumila
X Oxalis corniculata	Pinguicula pumila	Quercus virginiana
Oxypolis filiformis	Pinus elliottii var. densa	Randia aculeata
Palafoxia feayi	Piper aduncum	Rapanea punctata
Panicum dichotomiflorum	Piriqueta caroliniana	Reimarochoa oligostachya
Panicum dichotomiflorum var. bartowense	Pisonia aculeata	Rhabdadenia biflora
Panicum hemitomon	Pistia stratiotes	Rhapis excelsa
X Panicum hians!	Pithecellobium unguis-cati	Rhexia cubensis
X Panicum repens	Pityopsis graminifolia	Rhexia mariana!
✓ Panicum rigidulum	Pityrogramma trifoliata	Rhexia nashii
Panicum tenerum	Plantago major!	Rhexia nuttallii
Panicum virgatum	Pleopeltis polypodioides var. michauxiana	Rhizophora mangle
Parietaria floridana	Pluchea carolinensis	Rhus copallina
✓ Parthenocissus quinquefolia	Pluchea odorata	Rhynchoslytrum repens
✓ Paspalidium germinatum!	Pluchea rosea	Rhynchosia minima
Paspalum blodgettii	Plumbago scandens	Rhynchosia swartzii*
Paspalum caespitosum	Poinsettia heterophylla	Rhynchospora brevisteta
X Paspalum conjugatum!	Polygala balduinii	Rhynchospora chapmanii
Paspalum distichum	Polygala boykinii	Rhynchospora colorata
Paspalum fimbriatum	Polygala cruciata	Rhynchospora corniculata!
Paspalum floridanum!	Polygala grandiflora	Rhynchospora divergens
Paspalum monostachyrum	Polygala incarnata	Rhynchospora fascicularis
Paspalum notatum	Polygala lutea	Rhynchospora globularis
Paspalum praecox*	Polygala nana !	Rhynchospora intermedia
Paspalum repens	Polygala polygama !	Rhynchospora inundata
X Paspalum setaceum	Polygala rugelii	Rhynchospora microcarpa!
X Paspalum urvillei!	Polygala setacea	Rhynchospora miliacea
Passiflora pallens !	Polygala verticillata var. isocycla*	Rhynchospora nitens
Passiflora suberosa	Polygonum densiflorum	X Rhynchospora odorata
Pectis glaucescens	Polygonum hydropiperoides!	Rhynchospora tracyi
Pectis prostrata	Polygonum punctatum	Richardia grandiflora
Pectis xfloridana!	Polygonum setaceum	Richardia scabra
Peltandra virginica	X Polypremum procumbens	Ricinus communis
Pennisetum purpureum	Polyradicion lindenii 2-10	Rivina humilis
Penstemon multiflorus	Polystachya concreta	Rorippa teres!
Pentalinon luteum	Pongamia pinnata	Rotala ramosior
Pentodon pentandrus!	Pontederia cordata	Rottboellia cochinchinensis
Peperomia alata	Ponthieva racemosa	Roystonea regia
Peperomia glabella	Portulaca oleracea!	X Rubus trivialis
Peperomia obtusifolia	Portulaca pilosa	Rudbeckia hirta
Peperomia rotundifolia	Portulaca rubricaulis	Ruellia carolinensis
Persea americana	Potamogeton illinoensis	X Ruellia succulenta
Persea borbonia	Proserpinaca palustris	Ruellia tweediana
✓ Persea palustris	Pseudelephantopus spicatus *	Rumex verticillatus
Phanopyrum gymnocarpon !	Psidium guajava	Ruppia maritima
Phlebodium aureum 471321; 2000ft	Psilotum nudum	Sabal palmetto!
Phlox drummondii	Psychotria nervosa	Sabatia bartramii!
Phoradendron leucarpum 11.12.5	Psychotria sulzneri	Sabatia brevifolia
Phragmites australis	Pteridium aquilinum var. caudatum	Sabatia calycina
✓ Phyla nodiflora	Pteridium aquilinum var. pseudocaudatum	Sabatia grandiflora

20 Amherst 20 Oct 1988
23 on 8 Frax

Poly lind 471244 2900 ft ± 1.4.

