

Fall meeting of the Natural Area Advisory Committee

September 9, 2008, NATL academic pavilion, 4-5 pm
Recorded by Erica Van Etten

In attendance:

Doug Levey (NATL Chair, Zoology/Botany)
Jason Martin (former graduate NATL TA)
Mark Clark (Soil & Water Science)
Beverly Sensbach (Florida Museum of Natural History)
Stephen Holland (Dept of Tourism, Recreation & Sport Management)
Alex Cheesman (Vice-president of Wetlands Club)
Marissa Streifel (NATL undergraduate TA)
Erick Smith (Friend of NATL)
Erica Van Etten (NATL graduate TA)
Jared Daniels (McGuire Center)
Kaoru Kitajima (Botany/Zoology)
Tom Walker (NATL administrative assistant, Dept. of Entomology)

1. Introductions: New Advisory Committee members: Beverly Sensbach (Museum); Jared Daniels (McGuire Center)

2. Teaching Assistants

Erica Van Etten (graduate TA), Marissa Streifel (undergraduate TA)
Funding for graduate TA from CALS now seems to be firmly established
The NATL endowment is generating spendable income; we have funds to hire undergraduate TA
Strategy – shift responsibilities from Tom to TAs
TA manual is online, with duties clearly outlined. It is updated and revised each term.

3. Trails

All trails completed, SEEP trail now has panels installed
SEEP panels have photographs & dates, anti-graffiti coating

Should we have a SEEP Grand opening? Official trail opening was on Earth Day 2008, but
SEEP trail was not completed with its panels.

Board support for ribbon cutting ceremony for SEEP? Yes.

CITF (Capital Improvement Trust Fund) from student fees paid for trails

Of \$500,000 allotment, NATL received \$200,000+

Invite: – Joe Glover, Fred Cantrell, Ed Poppell, Linda Dixon, Student Gov't rep, Erik Lewis, Chandler Rozier, Dave O'Brian

Trail guides

Designers at museum may be able to help.

Color vs. b&w printing – check out local printers. Or just Xerox?

Resolution needs to be improved for map on back side

Erick – how many used on daily basis? (too new, unknown)

Tom – something fancy to sell at museum?

Give away at UF Welcome center and Hilton

Jared - Butterfly fest in October 2-3000 people

Backyard wildlife focus, Outdoor walks behind museum

NATL – East

“New frontier of NATL” Most is a marsh. Jason drafted grid map. Kiosk exists (now empty). Nature trail cleared recently. 2 bridges needed. Also walkway over water needed on east side.

Discussion about walkway and ADA guidelines if “open to the public”.

What are requirements for classes? Agreement to build ‘low key’ boardwalk.

Possible signs - “Academic use only”, “Research only”, “Temporary access walkway”

Tom - Make foundation so ADA walkway can be installed.

Can use left over boards from taking down corral fences.

Tom and Mark Clark working on design

4. NATL TA Summer Report - Jason Martin

2 large projects:

1. Grid map Many GIS layers already in existence, Jason compiled into one composite that can be used to create layers & features (e.g., grid map, map of trees, trail map). Can be used for additional mapping, add layers to database.

2. SEEP signs – text from Mark, edited with Doug & Tom. Jason took photos, created layout of signs. Look fantastic.

Link GIS info with Facilities Planning and Construction campus wide GIS system

5. NATL TA manual and Operating Manual

Justin updated TA manual, ongoing project

Tom is creating operating manual for NATL

Creating institutional memory

6. Partnership with Cultural Plaza

How to benefit each other? Signs are in place in NATL directing to cultural plaza & vice versa

New UF sign & trail between Phillips Center and NATL.

Kiosks that start nature trails at this entrance.

Museum flier – redesigned flier passed out for suggestions (enlarge map)

Suggested locations expanded from Museum & Phillips center to include:

UF Welcome center on Museum Rd, Hilton, Orthopedics center (next to Hilton)

GIS layers – can use to create new maps. Habitat layers. more roads, etc. Can be put on web.

Erick - Jody Chase and Erik Lewis at Facilities Planning have access to this?

7. Fencing – done. Including Archer Road.

8. Burns – poor burn in spring, great burn in summer.

Tom Workman, was burn master. He was laid off in round of university budget cuts.

Alan Long has done burns in the past and will assist in the future.

Additional potential resources for prescribed fire:

Peter Fredrick (Wildlife & Conservation)

Leda Kobziar (Forest Resources & Conservation)

Jack Putz (Botany/Zoology/etc.)

Steve Coates and James Perry with UF Ordway Biological Station (brush truck)

Dan Schultz with Austin Cary (brush truck)

UF Physical Plant Division Grounds has water tanker and warm bodies, contact Marty Werts 2-1148

9. Tours & Volunteer events (Erica Van Etten, graduate TA)

Volunteer – First Year Florida (community service), Alpha Phi Omega.

Alex - Soil and Water Science research forum – this Friday. Need poster and/or flier. Tom has poster board

10. Presentation about NATL to departments - Erica

Kevin Ratkus made presentations and Tom has copy. Make presentations to lab classes.

Short, 5 min. Erica passed out sheet to suggest departments, people to contact.

Many courses using NATL, Erica passed out sheet to update.

11. CALS funding for NATL TA

Not only for CALS grad students

CALS funding makes sense because many CALS courses use NATL.

Funding future looks good.

12. Mini-grants

\$1,000 budgeted for this year

Mini-grants for up to \$500 each

Previously given for projects that

1. Provide useful information about NATL (e.g., surveys) or
2. Build Infrastructure

Application on website. Needs to be updated. Final reports on website.

Most recent grant: Interpretive panels of SEEP.

Suitable for undergraduates. Can go to club or individual.

Make deadlines fit with Erica's departmental presentations.

13. Fiscal report 2007-08, Spending plan 2008-09 – Tom Walker

4-page report attached to minutes

Last year's fiscal plan was approved by LVL (Lake, Vegetation and Landscaping Committee)

Spent \$548 more than budgeted

Every penny itemized, Tom has invoices

CITF funds -- \$200,615. An additional \$7,194.01 was spent by NAAC on nature trails.

This year – need fiscal plan approved by LVL

Expect to have \$9,000, but this could change if stock market declines.

Propose keep \$1,600 back for contingency fund.

CALS supplies grad assistantship or NATL endowment goes to Entomology.

Need board approval for spending plan for next year

Doug wants to put up birdhouses if \$ available.

Erick – move to approve 2008-2009 fiscal plan. Mark – second. All were in favor. No abstain.

14. NATL Co-chair position

Doug agreed to be chair for 2 years this is his last year.

Co-chair for this year will be Chair elect.

Anyone on committee eligible. Committee membership is open to those who are interested.

Comes with grad student TA position. (The candidate for TA is recommended by chair and voted on by Advisory Committee)

Good to rotate chair among departments and colleges

Roles & responsibilities on website

Contact Doug, if interested.

15. Group photo

5:00 pm adjourn

NAAC Fiscal Plan for FY 2007-08

(approved by LVL, 10 Dec 2007)

INCOME

Provost	2000	
NATL endowment	0	
EYN endowment	1000	
Sum		3000

EXPENSES

Complete nature trails	2000	
Miscellaneous	1000	
Sum		3000

NAAC Fiscal Report for FY 2007-08**INCOME**

Provost	2000	
NATL endowment	0	
EYN endowment	1000	
Sum		3000

EXPENSES

Complete nature trails	2264	
Miscellaneous	1284	
Sum		3548

Brought forward 1 July 2007 939

On hand 30 June 2008 391

Difference 548

NATURAL AREA ADVISORY COMMITTEE EXPENSE ACCOUNT						
Date	Item	Vender	Credits	Debits	Balance	For nature trails
1-Jul-07	Brought forward				939.57	
5-Jul-07	20 5-gal buckets for pine planting and Ardisia	Lowe's		99.60	839.97	
6-Jul-07	day laborer, 7 h	Action Labor		95.69	744.28	
12-Jul-07	hammer, bowsaw, orange flags	Lowe's		24.94	719.34	
25-Jul-07	flags, flagging tape, diameter tape, chem. Gloves	Forestry Suppliers		92.69	626.65	50.00
1-Aug-07	keys for NATL shed	Lowe's		7.35	619.30	
6-Aug-07	Lexan for kiosks	GE Polymershapes		457.51	161.79	200.00
6-Aug-07	100 plastic lamination sheets	Office Depot		44.99	116.80	
7-Aug-07	manual and tire repair for John Deere Gator	refund to TJW		53.30	63.50	
16-Aug-07	mounting hardware for hammock panel	Lowe's		15.78	47.72	15.78
17-Aug-07	12 ft 1x8 & hardware for new door to acad. kiosk	Lowe's		22.15	25.57	
29-Aug-07	parts for kiosk and adhesive for NAP tree signs	Lowe's		24.60	0.97	15.39
29-Aug-07	transfer from EYN-administered fund		1000.00		1000.97	
1-Sep-07	puncture-proof tube for Kee mower tires	Walmart		21.17	979.80	
10-Sep-07	screws, brushes, and corner braces for kiosks	Lowe's		33.39	946.41	33.39
11-Sep-07	1 gal white paint for kiosks	Sherwin-Williams		38.83	907.58	38.83
11-Sep-07	screws and glue for kiosks	13th Street Lowe's		23.11	884.47	23.11
12-Sep-07	silicone and spackling for kiosks	Lowe's		10.14	874.33	10.14
13-Sep-07	Kilz primer for exterior latex	Lowe's		35.62	838.71	35.62
20-Sep-07	5 gal gasoline for J. D. Gator	Newberry Rd Shell		14.16	824.55	
24-Sep-07	rebar for NATL-e gridpoints	Lowe's		7.40	817.15	
25-Sep-07	materials for kiosks	13th Street Lowe's		137.36	679.79	137.36
28-Sep-07	materials for kiosks	Lowe's		49.49	630.30	49.49
30-Sep-07	concrete mix for kiosks	Lowe's		9.54	620.76	9.54
5-Oct-07	concrete mix for kiosks; grid pins for NATL-east	Lowe's		16.42	604.34	12.72
5-Oct-07	concrete mix for kiosks	Lowe's		19.08	585.26	19.08
9-Oct-07	concrete mix and cedar boards for kiosks	Lowe's		26.36	558.90	26.36
9-Oct-07	2007-08 money from Provost		2000.00		2558.90	
10-Oct-07	brown paint for kiosks	Sherwin-Williams		49.32	2509.58	49.32
12-Oct-07	caulk and screws for kiosks	Lowe's		31.70	2477.88	31.70
12-Oct-07	2 10ft 2x10 to help hoist roofs of kiosks	Lowe's		10.18	2467.70	10.18
13-Oct-07	screws for kiosk hurricane anchors	Lowe's		8.91	2458.79	8.91
16-Oct-07	screws for kiosks, drill bits, hard hat (6.29)	Lowe's		45.04	2413.75	45.04
19-Oct-07	brdwalk approaches (171.16); concrete mix (30.42)	Lowe's		201.58	2212.17	201.58
24-Oct-07	supports for panels, washers	Lowe's		31.30	2180.87	31.30
27-Oct-07	concrete mix and stainless screws for kiosks	Lowe's		32.54	2148.33	32.54
27-Oct-07	nails for fabric for boardwalk approaches	KR at Lowe's		11.99	2136.34	11.99
5-Nov-07	concrete mix	Lowe's		6.76	2129.58	6.76
1-Dec-07	PVC pipe and couplings for POI stakes	Lowe's		22.58	2107.00	22.58
3-Dec-07	2 reams tan 20# paper for OFNT guides	Office Depot (Pam)		13.32	2093.68	13.32
10-Dec-07	yellow and brown paint for POI stakes	Lowe's		16.52	2077.16	16.52
12-Dec-07	almond paint for POI stakes	13th Street Lowe's		8.90	2068.26	8.90
29-Dec-07	sheet of 3/4" PT plywood for SEEP sign stands	Home Depot		35.03	2033.23	35.03
14-Jan-08	repair of donated chain saw	Green South		52.14	1981.09	
14-Jan-08	broom and 2 keys for pesticide cage	Lowe's		16.20	1964.89	
16-Jan-08	3 trail-guide holders	Office Depot (Pam)		51.27	1913.62	51.27
22-Jan-08	5 gal gasoline for J. D. Gator	City Line Citgo		15.51	1898.11	
25-Jan-08	supplies for POI stakes	Lowe's		20.84	1877.27	20.84
25-Jan-08	EMT conduit, concrete mix, ear protectors, doorstop	Lowe's		62.65	1814.62	
30-Jan-08	posthole digger, bypass hand pruner, bar oil	Lowe's		31.45	1783.17	
1-Feb-08	replacement blade for disc harrow	Erb & Roberts		24.00	1759.17	
1-Feb-08	trash bags for Ardisia pull; hardware to repair gate	Lowe's		40.89	1718.28	
7-Feb-08	trash bags for Ardisia pull; concrete mix	Lowe's		14.36	1703.92	
11-Feb-08	six bundles of 15-inch wire flags	Forestry Suppliers		42.44	1661.48	
11-Feb-08	1/2" vinyl numbers for POI stakes	Office Depot (Pam)		21.99	1639.49	21.99
23-Feb-08	kiosk roof supplies (151.82); gate repair (29.46)	Lowe's		181.28	1458.21	151.82
3-Mar-08	gate repair and tops for POI stakes (3.84)	Lowe's		9.11	1449.10	3.84
9-Mar-08	roofing and hardpanel for kiosk roofs	Lowe's		52.40	1396.70	52.40
9-Mar-08	screws and cedar board for kiosk roofs	Lowe's		47.08	1349.62	47.08
18-Mar-08	Kilz primer for exterior latex	Lowe's		17.81	1331.81	17.81
22-Mar-08	replacement drill bits	Lowe's		13.08	1318.73	13.08
29-Mar-08	kiosk boards; saw blade replacement; misc	Lowe's		82.19	1236.54	82.19
3-Apr-08	kiosk boards	Lowe's		25.38	1211.16	25.38
10-Apr-08	kiosk and nature trail misc	Lowe's		33.49	1177.67	33.49
14-Apr-08	kiosk supplies	Lowe's		27.21	1150.46	27.21
14-Apr-08	plywood and drills for stands for SEEP trail	Lowe's		117.31	1033.15	117.31
18-Apr-08	600 nature trail fliers for Earth Day	Kinko's (Pam)		165.10	868.05	165.10
26-Apr-08	kiosk and trail supplies (\$49.04-10.84 return)	Lowe's		38.20	829.85	38.20
28-Apr-08	3 outdoor literature holders for upland trail kiosks	Office Depot (Pam)		51.27	778.58	51.27
30-Apr-08	1/4" aluminum for kiosk panels, bits, washers,	Lowe's		34.16	744.42	34.16
8-May-08	100 lamination sheets	Office Depot (Pam)		40.93	703.49	40.93
21-May-08	hardpanel for kiosk	Lowe's		22.88	680.61	22.88
22-May-08	paint brush, couplings	Lowe's		13.65	666.96	13.65
29-May-08	two bypass pruners; four shed keys	Lowe's		22.84	644.12	
30-May-08	nine 12x6" signs and new years on four signs	PPD sign shop		200.00	444.12	
4-Jun-08	copy paper and vinyl letters for nature trails	Office Depot (Pam)		29.63	414.49	29.63
16-Jun-08	sprayer parts	Lesco		23.28	391.21	
				Balance 30 June 2008	391.21	
			Sum	\$3,548.36	Sum	\$2,264.01

CITF funds allocated to NATL				
	nature trails (accounting below)		\$104,015	
	storage shed		7,000	
	Keep mower		1,282	
	chain link fence		61,855	
	corral and field fences		19,090	
	NATL-east wetland fence		6,873	
	sign		500	
		Total	\$200,615	
CITF funds for nature trails				
Date	Item	Vender	Credits	Debits
1-Oct-06	Allotted to NAAC for nature trails		100,000.00	
29-Nov-06	Tree-labeling supplies	Forestry Suppliers		82.86
13-Dec-06	Survey of soils of old-field plots	Ron Kuehl		750.00
23-Apr-07	Print and mount SEEP and KP posters	Signs by Tomorrow		135.00
9-May-07	4 pcs Lexan, 4x3 ft (for kiosks)	GE Polymershapes		229.46
8-Jun-07	prototype kiosk	Warden Construction		2,264.00
23-Jul-07	contract for SEEP boardwalk	Callaway Marine		89,900.00
1-Aug-07	hammock panel	ColorReflections		225.00
6-Sep-07	plywood, 1x4s, and hinges for kiosks	Lowe's		349.56
14-Sep-07	trusses for kiosks	Santa Fe Truss		403.20
25-Sep-07	pressure treated lumber, Hardie panel, etc.	Lowe's (12.32 refund deducted)		975.77
28-Sep-07	building permit for 6 kiosks	EH&S		50.00
3-Oct-07	fill dirt for boardwalk approaches	Andrews Paving		675.00
3-Oct-07	tool rental for boardwalk approach work	United Rental (2 debits & 1 credit)		193.76
3-Oct-07	tool rental for boardwalk approach work	Bernie's Tools		63.50
3-Oct-07	used railroad ties for boardwalk approach	Cox's Lumber		1,102.86
10-Oct-07	three more panels for upland trails	ColorReflections		645.00
14-Nov-07	building permit for boardwalk	EH&S		629.00
29-Nov-07	Added allotment to NAAC for nature trails	Lakes, Vegetation & Landscaping	4,000.00	
16-Jan-08	2 custom trashcans	PPD		500.00
16-Jan-08	refine old-field soil survey (23 new points)	Ron Kuehl		400.00
16-Jan-08	PVC pipe for improved POI stakes (2 sets)	Grainger		161.00
16-Jan-08	stainless steel bolts for boardwalk signs	SS Fasteners		122.76
17-Jan-08	20 assorted panels (including shipping)	ColorReflections		3,425.00
18-Jan-08	2 6x8 sheets of Lexan cut into ca 2x3ft pieces	GE Polymershapes		413.50
24-Jan-08	fill dirt for boardwalk and approaches	Andrews Paving		250.00
25-Jan-08	4x8ft sheet 3/4-inch PT plywood (1@32.97)	Lowe's		32.97
25-Jan-08	galv ridge roll 10"x10' (2@17.86)	Lowe's		35.72
25-Jan-08	end-of-project assistance		14.92	
		Totals	104,014.92	104,014.92
Other funds used for nature trails				
Date	Item	Fund	Amount	
2006-08	miscellaneous purchases	NAAC expense account		2,264.01
2007	two Minigrants @\$500 each	NAAC Minigrant account		1,000.00
2007	OPS labor to build kiosks components	EYN-NATL account		2,630.00
2007-08	OPS labor to complete kiosks and make trail markers	EYN-NATL account		1,300.00
			Total	7,194.01

NATL Fiscal Plan for 2008-09

Funds available for 2008-09

Brought forward from 2007-08			
NATL endowment	1234		
NAAC expense account	391		
	Sum	1625	
Projected income for 2008-09			
Provost	2000		
NATL endowment	5400		
	Sum	7400	
	Grand Total		\$9,025

Spending plan for 2008-09

Budgeted			
Routine expenses	2000		
Undergraduate assistant	3600		
Minigrant program	1000		
Paint pavilion?	500		
Materials for NATL-east walkway?	300		
	Sum	7400	
Reserved		1625	
	Grand Total		\$9,025