

	<u>Migrant</u>	
	<u>ind</u>	<u>SPD</u>
001	9	4
002	16	10
003	10	5
004	5	1
005	8	4
006	5	4
007	8	5
008	9	5
009	12	7
D10	11	4
<del>011</del>	<del>11</del>	<del>4</del>
012	13	8
013	12	8
014	17	8
015	4	4
016	9	6
017	1	1
018	13	8
019	15	10
021	11	8
022	8	5
023	13	6
024	5	4
025	20	10

	<u>Res. Tent</u>	
	<u>ind</u>	<u>SPD</u>
	11	7
	11	8
	3	16
	14	12
	9	6
	8	6
	6	6
	4	4
	11	9
	7	6
	6	4
	6	5
	13	9
	2	2
	13	9
	10	9
	14	11
	23	12
	5	5
	19	15
	12	11
	9	7
	36	18

	Migr Ind	Spp	Res ind	Spp
026	22	9	28	18
027	16	6	28	19
028	34	14	33	26
029	12	6	10	9
030	18	7	25	24
031	14	7	17	13
032	6	3	23	13
033	6	4	18	10
<del>034</del>				
035	16	7	24	14
036	12	7	15	11
:				
040	13	5	36	18
041	23	10	<del>29</del> 29	16
042	2	1	12	7
043				
044	6	6	8	9
045	18	10	14	8
046	10	5	26	13
047	8	4	8	6
048	8	5	3	3
049	13	5	42	25
050	12	9	21	13

	Mig		Res. Int	
	Ind	Spp	Ind	Spp
051	10	4	19	10
052	17	8	30	20
053				
054	17	7	18	13
055	12	6	11	9
056				
057	21	8	24	18
058				
059	7	5	32	15
060	13	6	13	8
061	12	8	14	11
062	<del>+</del>			
063	<del>—</del>			
064	<del>—</del>			
065	31	9	17	11
066	<del>—</del>			
067	18	9	12	9
068	<del>—</del>			
069	17	8	37	20
070	17	6	20	11
071	29	11	69	37
072	17	8	29	19
073	45	13	77	33

074	28	9	30	19
075	—			
076	27	10	22	14
077	19	9	29	13
078	—			
079	33	12	24	15
080	—			
081	24	8	23	14
082	—			
083	23	10	40	26
084	26	9	23	16
085	26	8	29	18
086	35	14	73	45
<del>087</del>	<del>35</del>	<del>14</del>	<del>73</del>	<del>45</del>
088	14	6	21	4
→ 089	54	2	219	2
090	22	9	21	11
091	7	5	32	14
092	15	5	52	20
093	18	8	24	11
094	12	5	11	4
095	12	6	22	10
096	18	9	41	18
097	19	10	46	23

Isla Mujeres

098	27	2
099	8	4
100	16	6

31	9
23	14
22	15

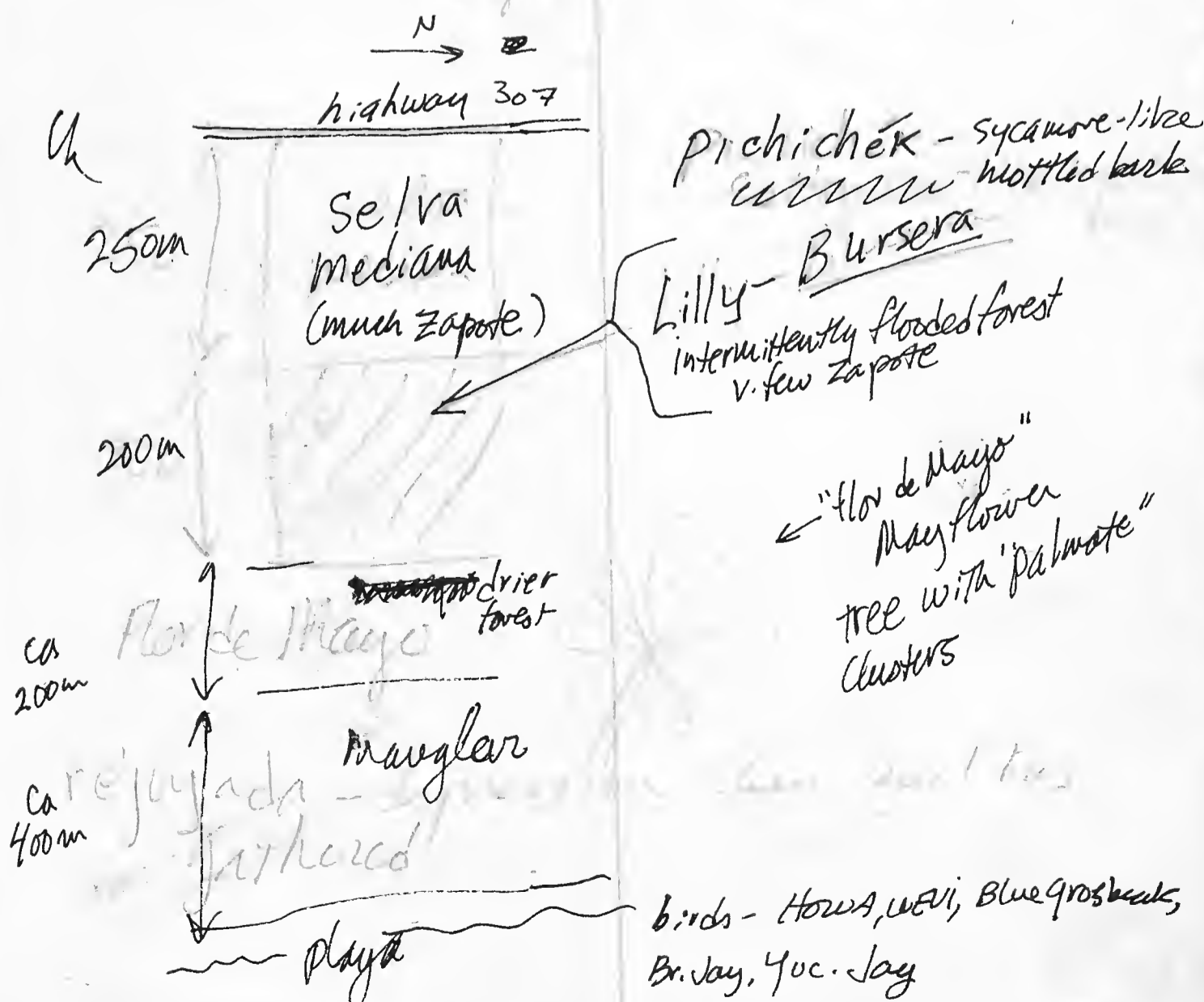


22 OCT - Felipe and Patricia's rancho just S. Puerto Morelos.

Talók - Maya name for Anolis  
 natives kill anoles because they think these lizards bring bad luck - make you lose your way in the forest (always run in circles)

litter 15-45 litres of litter/m<sup>2</sup>  
 (1.5-4.5 cm deep)

Some areas are also covered by  
 Lilly, Bursera (Chaco) - this  
 is intermittently flooded, but only  
 for 2-3 days at a time.



herps: Anolis sp. (coll.), Ameiva, Ctenosaur

Felipe plans to intercrop corn, cucumbers, tomatoes, cucumbers — grow continuously for Cancun vegetable market. Lettuce has to be planted every week, other crops ~ once a month. Alternate rows of various vegetable types, plus separate each ha. plot by strip of forest.

Workers will live on rancho — 2 or 3 families, plus a few men. Come from Tizimin area (big population, but few jobs). Will have electricity. Water table is only 4m down — can use electric pump (much cheaper than windmill)

Back at Playa del Carmen, starting on my fourth Margarita, having finished a delicious late lunch of nachos and beef enchiladas. I'm looking over a perfect white coral sand beach, backed by robin's-egg blue shallows, and a purple-blue channel of deep water beyond. On the eastern horizon sits a somehow unreal line of tiny buildings - at least they look tiny to me, sitting here almost twenty miles away from them. They seem like some Atlantis, rising out of (or sinking into) the sea - one can ~~only~~ see the buildings, but not the land between them. The truth is more mundane - these are the hotels and condos of Cozumel, island of the swallows. At night, this disjoint skyline will be transformed into a twinkling skein of diamonds, falling stars that just couldn't bring themselves to plunge into the Caribbean. For now, I have to content myself with ten shades of blue, a hundred shades of gray, a 180° view that includes three separate rain storms, and the knowledge that this beats the hell out of Maryland.



hiding places. Imagine what a Hilly world  
vision of a prehistoric dinosaur-  
mometer world looks like if tried  
through. The wrong end of a pair of  
binoculars, and you have a fair  
concept of a ground iguana. Other  
lizards either and scurry away;  
ground iguanas wait until the last  
moment, then either lunge or slide  
away, depending on their view of the  
threat presented by an intruder. These  
guys have the stage presence ~~that only~~ of  
a John Wayne - not so tricky or complex,  
perhaps, but a presence that cannot be ignored  
or denied. Along a little dirt road leading off  
The main paved route their are dozens  
of these <sup>raised</sup> creosoles, each depending a  
fraction of road and its adjoining borders  
flank a perfect combination of sunning area  
and safe retreat. They give way to my car  
only with a certain reluctance, as if their  
depth perception is too imperfect to let them  
judge the true size and threat of this  
particular intruder. (over)

locations that feature rocky crevices for two-foot long lizard ~~preference~~ sunny local ground iguana, the Ctenosaura. Finally, and most impressive, there is the

settled area. Taloc is by no means uncommon, even in he is hard to catch, and the hatched they sweat the hoppers Taloc into jelly with their mouths. Fortunately for the lizard, Moya, as it is said, rather than ride two, plant the fatal seed of disorientation in a snake, a "Taloc" as they call him, is to avoid the mine of a lost man wandering in the trackless forest. To see a circling forest, see in this escape pattern a the trunk. The Moya, also called the the swimming in circles around its chosen The unfortunate habit of avoiding guano the opportunity arises. The poor lizard has Moya fear and murder implicitly, whereas all the lizards, this is the one that the local literally could not bite me if it needed, yet of hundreds of this reptilian message, the more

lizards could not bite me if it needed, yet of hundreds of this reptilian message, the more

Even their streak-sided plumage in Maryland  
except when en route to Maine on the  
Iucatan, respective breeding and roosting  
grounds.

The place is conspicuously thick with  
ground.

hundreds of reptiles. Little stripe-sided lizards,  
these specimens of our familiar fence lizard,  
runners from rock to rock to escape my  
intrusion along a pyramid's flanks. Sleek,  
hyper-alert race-runners of two species

Other snake-like forms one sun-bath  
to another on the forest floor, forced to  
chase the sunlight to maintain the high  
body temperature their hot-lane lifestyle  
demands. Once, an emerald and white

Dryobates, a lizard-eating snake, skittered  
across my path and paused at a safe  
distance to see if this club-footed gringo  
is strong enough to give chase through the  
jungle undergrowth. Then there are

The little owls, small habits of tree-trunks  
and close relatives of the "chambers" from  
Florida that we used to bring at intervals  
and curate. Probably the most completely



up the mostly-washed sides of the meadows,  
through one was to be wary of the fact that  
all of the limestone blocks on the surface  
are loose, making treacherous stepping stones.  
In all, an ideal, modest little ruin for  
those of us who want to savor a bit of  
the thrill of exploration and discovery,  
without, of course, going to the expense  
and uncertainty and dangers of actually  
discovering something.  
A healthy mix  
of hard-core tropical species - squawking  
parakeets, Sulphur-breasted nuthatches, and  
woodpeckers, scolding out-tangoes, and  
an especially shifty yellow-billed curlew.  
Add to these a few familiar Maryland  
faces and voices - nothing at all  
wonderful chirping there, but mostly  
curlew who will listen, scolding, but never  
flee. The story they did a month ago when  
they got on my case back at the center,  
then there are the true long-distance callers -  
birds like the Magnolia Warbler, that never

Sitting at a nice outdoor bar-restaurant,  
after a long, interesting stroll around the  
ruins at Chanyache, south of Tulum.  
The ruins themselves aren't much, once you've  
been spoiled by the martial grandeur of  
Chichen Itza, the softer magnificence of  
classic Uxmal, or the unparalleled Caroban  
actings of Tulum. But these ruins make up  
in charm what they lack in scale - you  
can almost imagine John Stephens and his  
faithful illustrator Carterwood, walking  
down the same forest path and encountering  
ing These are pyramids and temples  
pretty much the same condition as we can  
see from now. Of course, part of this is  
Wislitz Thinkings, although the surrounding  
forest hasn't been cleared away here, and  
good-sized trees have managed to grasp  
hold of the mounds, and prosper, there has  
obviously been a medium of growth - work  
done on the few "main" pyramids - even  
a group lacking a masonry carvings

Playa del Carmen, Quintana Roo, Mexico  
Sunday 23 Oct 1983 2:30 PM



In the area of the "Fideicomiso" development, the zone ~~is~~ between Hwy 307 and back is almost continuous manglar - in some places it even extends w. of the road - more of this shows on Mexican veg. map (where it is mapped as *actis baja subperuv.folia*)

778.2. 2. *Guadua thymifolia*  
 (1 km S. of 505" survey)  
 772-773 *Big cat's rosette* *of road*

- 744.5 "
- 730.8 Fideicomiso begins
- 717.2 Tulun ruins
- Ant-Tanaya - av
- Green-backed Sparrow - 2 Cacique - 1
- Ant-Tanaya - av
- Lesser Greenlet - av.
- AMEB - 2 sp
- B. Avu - 2
- M. Avu - sev.
- H. Avu - sev. (1 sp)
- Chunyache - 4 sp
- 29690.5
- Least FC
- Soc. FC
- Yellow-headed Euphonia
- Sw. Flycatcher WP
- Long-billed WP - 1

Chunyache

Having a semi-cold coke in a rustic

cañada lonchera. Everything cool and

nice in this semi-open air place, except

for the two piles of dog shit in the middle of

the floor. The Maya boy who is wiping off

the tables for the customers (me) carefully

steps around each pile, the only sign

that he is concerned about trucks in a

restaurant. This is one of those typical days

that happens on one side or the other of

unpleasant weather. The sun has come and

gone a dozen times along the .75 miles

between Puerto Marías and Tere, and

I cruise through a couple of Thunderbolts.

To walk around out in the sun brings

on the seats almost instantly, for the

humidity hangs near the dew point, or so it feels.

But here in the shade, with a light breeze

slipping through the bamboo sides of

the palapa, it's cool and pleasant enough.

1000p = \$6.70  
100p = \$1.70  
100p = \$1.70

23.8  
15.1  
38.9

971 - exit to Z. Agropecuaria  
984.9 Leonia Vieiro  
0015.1 Tintal (big marsh S. of rd)  
0023.8 turnout to Chiquila  
- 26.5 Tamandua DOR

- 65.7 disturbed forest a. some  
51.2 tall Zapote  
♀ HOWA, WEVI, Ant-Tanager  
0070.0 San Angel - piles of mahogany  
or cedar rr ties here.

0071.6 took 2 shots of 1 km x 1/2 km  
pasture on W. side of road. Forest  
here seems drier, shorter than a few km  
S - more legumes. Maybe it's all 2 way  
83.4 Solfero?

95.2 San Eusebio turnout (E.)  
N. of here start seeing palmeto -  
Sawgrass savanna (like  
everglades)

51.2  
29.4  
21.8

0098.9 Chiquila - not much of a town.

A ferry landing, a couple of small stores,  
and some fishing boats w. associated hovels.  
Same avocis as seen at Punta Sam is  
on lectis and piles of concrete block

98.9  
23.5  
75.1

98.9  
71.6  
27.3

144.6 Kantunilkin

212.9 Leona Vicario

1430<sup>h</sup>

213.8 - High tension line crosses rd.

219.2 Cattle ranch where we took

Picture last trip (Vallarta?)

236.0 let turnout (~~Leona Vicario~~)

245.0 large quarry

251.7 Jct w. 307 (15:15h)

212.9  
38.8

75.1  
45.7  
29.4

25 Oct Tuesday

birds in swampy area between fisheries station  
(E. of hotel Ceiba) and hwy 307 (grassy, palmetto)  
Little Blue heron, Louisiana Heron, Snowy Egret, Great  
Egret, Jacana (w. young), Belted Kingfisher, Blue-  
winged Teal (3-4), rail sp., Oliv. Cormorant, Grackle

25 Oct. 1983 Meeting with Alfredo

1. no need to fringe \$\$ account for grant

2. CIORO will make firm commitment for 1<sup>st</sup> year - then renegotiate terms

3. Only remaining barrier - obtain some kind of formal agreement with Smithsonian - even at bureau level.

4. OK for Arturo & Felipe to participate - mainly supervising helpers.



