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Page 9A Page 68

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Hopeful homebuilder challenges ROGO and a manifestary, and other animal

S Barbara Mandala

A let a weight of the statements in the war not ap to war interery assertions of the critical activities of spinst signal documents that were available tag. I for any Sulfating populations and weight of objects and state insuits have been invariantly in the spinster of the state interest presentation preparing any application to build her under the state and the spinster of the spin-tering and spinster of the state of the spin state of Abders and Jahl traild laws here invaluation in sevening the projection to build be visible, analyzers and the projection of build be visible, analyzers and the projection of the pro-version pathetic landy should be an analyzer. Thomas the says age repeatedly requested all also independent of the independent properties for the says age repeatedly requested all the independent of the independent in properties for the says age repeatedly requested all hearing and the says age repeatedly requested all the independent of the independent in properties for the says age repeatedly requested all hearing and the says age repeatedly requested all hearing and the says age repeated in the repeated and hearing and the repeated and the independent ages and served of the astistence of in space. Anter section of the softence of a line of the softence of the late of Growth of a line of the softence of the

b) Si acis forth the manner of presentation and criteria, indi "would have diven intraminifation assistante to rey Ed.," Westryn-Kola explains / She kaya, she ariend, to supplement i her n erty haj animission with a document testag lizers guidelings and aska that the additioner, inc. puidelines and asks that the additional the formation be considered in a review of her up mude ware of the availability of a pretaminary hearing to discuss with planners the thereis of her eppilation of the state of the sole set. applicants Wegryn-Sola says she found houses of

construction and efficiency interested be Set Demarg Revenues A Solidie Vormes with missed obtaining an onatrochartising lefficienty interpret in the allocation by the point sof bechame on Dhalos with the week's where of Goweth programs has provide was revelued to the the soft demarks the Christmann of Goweth programs has provide was revelued to the the soft and the soft demarks the Christmann of the soft of the soft of the the soft of the the soft of the soft demarks the christmann of the soft of the soft of the the soft of the the soft of the soft

> 12 10 2 2 After submitting her application Wegryn Sola says

She also complains that she was not made aware 🍸 of the availability of at *** preliminary hearing to

discuss with planners the ments of her application

compete in the July ROGO

to the neighborhood

hyped by her personal appearance

When stateped has the 10 criteria haven not considered applied by the securitizations of all rices interventions and the securitizations of the file allocate an engaged within the of the Hilling The importance of each set line 10 collection period means the areas committee and the file and the committee and the security of the range for committee and the line de-main of the security of the security of the the security of the committee and the security of the range for committee and the security of the range for committee and the security of the range for committee and the security of the range of the security of the security of the heat of the security of the the security of the security of the security of the the security of the security of the security of the the security of the security of the security of the the security of the security of the security of the the security of the security of the security of the the security of the security of the security of the the security of the security of the security of the security of the the security of the security of the security of the security of the the security of the security of the security of the security of the the security of the security of the security of the security of the the security of the security of the security of the security of the the security of the security of the security of the security of the the security of the security of the security of the security of the the security of the the security of the security of the se

Assisted that the Discuttering mere not

application Wegryn Sol arge she learned of the existences of alls page documents (Guidelines for the Rate office Growth Ordinare), that was south of the same sheet supplied to other applicants. She briever tails to too stand the same sheet supplied to other applicants. She also complains that

The pupples has not a first an analysis with the second process of the second internation and stocked a present the time in the know mouses, who shall be wear to be abalished and that has said of provid-allocations be based on objective ritheria. Sign As an alternative are said that all dis Units allocations for withold that has been abaliant and the own apposition and that flow and internative and another of the flow of the internation of the said that allocation internation and the said that flow and the said that and the said that flow and the said that and the said that flow and the said that and the said that flow and the said that and the said that the said of the said that and the said that the said of the said that and the said that the said the on Saintle and practice law in Saintles, and

68 win, 25 lose in ROGO housing allocations from page 1

three times since ROGO was in stituted in 1978 as a measure to control growth on Sanibel And never

crained growth on Sanibei and never before were the commission are slowed with as many as 31 appl can't com-peting (ar on 6 dailocations The improving indices rates was credited by the Planning Deputrment with the increased demand to builts homes on Sanibei Incho emerge of single innity ap-plications was required to allocate the 37 units still available in the single-family neserve None of the losers challenser the results of the core challenged the results of the com

nissions application of the point system on 10 criteria Lighty applicants vind for the 56 single-family units available in the July 1981 ROGO Fourtreen of the 24 applicants that scored too low to receive an <u>alcoation</u> requested a

hearing before the City Council Twelve additional soits were made available when seven allocations that terminated in the March period were released and when the council determined (ive allocations were-ouside the pale of Rate of Growth a id were returned to the pool These locations were awarded to the pext

12 high scorers on the list. Forty single family home ap-plications were scored in November 1931 in the competition for 23 available units But 29 units were actually allocated by the com missioners

To settle a tie for the 28th place the

To settle a be for the sim place the dwelling unit from the 15 percent surplus allowed by ROGO The scoring procedure took a recore two and a half days to com plete Four of the 11 applicants leff out in the cold requested a City Council boarding. hearing

But on Dec 1 1981 the council found no valid reason to call up the November ROGO allocation for a review of the point system procedure At last weeks two-day session en commissioners se d 91 ap plications vy g tor the Savalizble ingle family units.

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Lobert Fleischer and Gail Rizzo were top scorers each garnering 251 points for their planned homes Fleischer scored heavily for his

innovative design while Rizzo pointed out to the commissioners that her most notable resource was her son tor whom she wants to provide a home to grow up in on the Isla Gerhard and Eicholtz each scored

212 and ranked 67th and 68th They won the final two allocations The 25 applicants left with no allocations will automatically com pete in November in 1983 s last ROGO

Tt's about time the ory began to start and justice The way it IS now my cottage will have to sit in Farmer disrepair for four months it's not fair to the neighborhood

Unsuccessful applicant Bat Don Anderson

have mather and I have All but 15 of the potential homebuilders appeared before the commissioners to plead their caues and underscore their strong points

little fairness and justice There was a great emphasis on proliteration of paddle fans, where roof overhangs high efficiency ratings tinted windows alting of the struc-ture superior landscaping ac cessibility of blke paths to cut down or auto trips and the nearness of fire hydranis and bodies of water as ad-

ded fire protection. lim Lamboy of Treasure Island and Richard Donlin of Sanibel, both of whom emerged victorious kept a

vigil during the two-day session. and the second state of the second second

renson scumeyer succeeded where he failed was because Newmeyer's cottage would be owner-occupied and not a rental property Others who failed to obtain Strat gers until inst Monday, the 100 will soon become neighbors on Rabbit Road Lamboy accompanied by his young son Jonathan spent Monday night on

allocations had a more philosopairal attitude. Both applications for single-family hones submitted by builder Richard Kennedy scored too low for Sambel and sat through Tuesday c proceedings until the secres were announced Donlin s wife armen, and his young son Eddle turns sharing the lang hours When asked on the consideration.

I really have plenty of things to the lang hours when asked on the morning of the second day what they would do if they falled to receive an allocation both said they were not even considering the possibility Impressed by the persistence of both men the Planning Commission conclusion: when it was learned keep me busy for the next four months Kennedy said adding Its probably a blessing in disguise

Thomas Johnson Jr who failed to get an allocation for a cottage he wants to move from a guilf front location to a lot in Sanibel Highlands Loon men the Planning Commission applauded when it was learned Lamboy application ranked blird with 246 points and Donlin s (inished 18th with 233 points Among the dissociation said it's not a matter of life and death Under a recently adopted ordinance Johnson can move the cottage and secure it on a foundation Naney Dicioda, who was jubilant on without a ROGO allocation

Nancy Dictional who was juniant on June 29 when her development permit for a home in Sanibei Highlards was cleared by the City Council in time to But he did have some harsh words for the standards by which the ap-plications are judged Nine of the 10 criteria used don't apply to single-family construction he said 1 li be curious to see ho v many of these allocations will not be picked up and compete in the July ROGO i don't understand how the ranking is done Diciolla said after Learning her application ranked 72nd with a score of 206 six below the cut

allowed to expire Nov 1 Five of the 63 allocations went to duplex units. Two duplexes in Phase II of the Dunes received four off I gure She sa d she thought her application spoke for itself and did not need to be allocations inder terms of the court stipulated settlement tha requires-the city to treat two-family structures Don Anderson who did not receive the allocation he needed to begin repairs on a Sanibel Cottage that was the same as single-family homes

damaged in a move to a new site on Fitzhugh Street, was indignant Hurry and Marian Balke, under ROGO s no beneficial use priority were allotted one writt of the duplex The whole thing stinks. Anderson told The Islander Friday It's about time the city began to start using a they plan to build in Mitzi sabdivision to provide housing for their two children who are employed on the Island but ent tafford to live here He suggested a way to begin would be to require all applicants to comply with the same set of standards and The Barkes will have to wait for the vember ROGO allocation to obtain

Aware that it is impossible of construct half a duplex -o the commission-rs agreed that there is no way for them to solve this dilemma. regulations and then put all the ap-plications in a hat and pick them at The way it is now my cottage will have to sit there in disrepair for four months Anderson said It a not fair Our hands are tied by the

regulation that requires ROGO allocations for a complete project before a building permit can be Tom Newmeyer received an allocation to remodel a similar cot ¥ tope Anderson said he assumed the issued Commissioner Larry Simon en d

Weather watch Everybody

talks about it

Island residents and visitors can luck for con-tinued party cloudy aktes this week with at termon and evening incohershowers and highs in the low to mini 90s and hows in the mini 70s. Last weak's weather according to records kept at the Sanibel-Capitya Chamber of Commerce WAR AS POLLOWS "HIGH LOW BAIN

Wednesday, July 13 Thursday, July 14 Friday, July 15	8 N N	, ∖78 78 78	ž	0 0 Trace
Seturday, July 16 Sunday, July 17	51 61	78 79	ì	* 0
A/L A/c				

George Campbell	1B
Classified * *	<u>15B</u>
Commentary	<u>5A</u>
Fishing tips	<u>4B</u>
Movies	<u>8B</u>
Policebeat	<u>6A</u>
Arcany apo	÷ 56
Sports	68
Nides 70	€B
Today at City Hall	AS

At the first budget workshop last work, CEPD Chairman Ed Olling mentioned his hope to make the budget as small as possible his year con-sidering last year s tadget which ballooned with the money set aside for the Blind Pass groin.

New Commissioner John Burr agreed with Olling but with an important addition that the budget still but with an important addition that the budget still be within the limits of getting things done commiss over LLovd Wright added that the CEPD shouldn't just work from the cash reserve

for the next two of three years with no more taxes, and do nothing to protect Capitvas beaches All these views will be further explored at the

All these views will be further explored vi the philosophy meeting next Monday before the regular budget workshopbegins. The key ligure in the ludget that will stimulate discussion will be the beach restoration figure of \$157 650 This is project manager Dick Stevens figure to go abead with renourishment. About \$2000 of this is salary for Stevens and for CLPD of the status of the bounder that the storage beam will be the status to manager budget here out the field fills the newtoer manager budget wide the

the idea that the project manager's hugget be considered for possible elimination or reduction. Olling said ho feels it would be impossible to implement renourisament during the Spring 1984 construction season, primarily due to "inancial problems in funding renourishment on Capitva As an example he mentioned the time it would take to go through all the legal action necessary to receive Causeway bond funds

Why do we have a project manager when we don't have a project? Olling said He also sees the CEPD committees as picking Lp nome of the work of the project manager and doing it themselves

of the project manager and doing it themselves Whether this is practical legal or necessary is sure to be highlighted at text Monday s meeting Wright mentioned far week that be bought doing away with part ext all of the project managers budget made it seem like the Ck1D was waiking away from the project renoutishment) when they did't that et bound the interview.

We ve been close to finding the funding "Wright said _ if certain" is t a hopeir's stuation Why should we close down he project and then have to grind it up all over again "That would be a disaster he added

Wright class mend-oned that it wasn't the duty of the commissioners to do all the groundwork like er gineering financing and event, allon. He said he et gimering, mousing and examples in the same at the same ne bought the project managers figure was a small figure is the scope of the whole thing, and that the countrils inters have other profossional things they must tend to

must be done for beach renourisament. He also mentioned that the project has impered larger than he would have expected. And should the board devide to use him yo an hourly basis and terminate his contract he was quite sure it would cost the CEPD more than it he were kept on contract.

In 1961-82, about \$164 756 was budgeted for neach at the ratio of the second state and a second state year s burget plans.

many aspects of erosion prevention will be discussed. The meeting should be one of interest is Captivans, considering all the talk of a new board with new ideas and with speculation that it is a board more in tune with the people of Captiva.

See related story page 16A SPECIAL SALE CROCODI 20% OFF All Small Bolts *5 Yards or Less Sale Ends Saturday, July 23. Quel charmant! Et tres joli. Nemours, Libellule, Tulipe, Frintemps, Moustiers, Darois, et Mon Jardin. Nimble Faisne de Longchamp Faità la main en France himble 2242 B PERIWINKLE IN SAMIDEL SQUARE Hours 10 5 Monday Salurday 2330 Paim Ridge Place • Sanibel Island Florida 33957 • (813) 472 9166

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The ISLANDER Tuesday July 13, 1963 Renourishment debate set from page 1

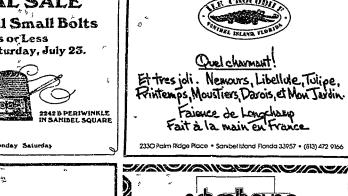
Stevens said the district is close to the end of what

If he project does go alread in the pring .984 then it is possible the enture \$157 650 will be smeat Should the project be delayed then the figure will probably follow the trends of past years when the project was struggling to be implemented

year s bidget plans. Averthaces, since November 1979 about 5201 041. has been spent on beach restoration without any send being punged on the beach. Now all the permitting is in bend to renourish the souther it wo thirds of Laplina, yet the planned financial mackage has developed problems such as tess than expected state functs, probabing of deter-larity and a tabled municipal services tasking

unit fund. Funding questions will be first on the agenda when the CEPD financial committee under the chairmanship of Commissioner Peg Hotschneider does get together But ideas for additional and supplementary funding for renourisiment will survive considered at the philosophy meeting tha Monday

So at 9 30 s in next Monday July 25 the future of



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Everybody talks about the weather ...

When Spin Ciemens (akp Mark Twain) coined his by too all too familiar a phorism about the weather: "Everybody tails about the weather, but nobody does anything about it," or something to that effect), he had no idea how much certain people would talk about it in the age of television. He was mercifully spared the ordeal of having to sit through a typical 1V weather forecast, having passed on to greener pastures some 50 years too 5000

Now I like to know what the weather is going to be just as much as the next person, but I could obtain all of the information I want to know in a minute at the most.

All 1 really need to know is how hot it is going to get today, how cool toright and whether it's going to rain or not.

During the summertime another vital mestion is what's doing in the tropics. Even for this category, all I need is for someone to tap me on the should or raise me on the police radio alert system and tell ine that it is time for us to grado aler a system and an blankets and whatever else is conducive to comfort in a hurricane shelter and head for the Causeway. Trance saying you won't eventually get that kind of information on a TV news broadcast — if you have the time and are patient enough. But it won't

First you have to go through a cute little transition from the anchor man to the weather atten you have to sit through the first of several ads, after which you have to go through a verifable balacle course of satellite pictures of the United Stales "color" radar and learned discourses should Rates, "color" radar and learned discourses about highs and lows interacting with one smother in Various mysterious ways (happily no one has yet been inspired to say "interfacing"). with one another to privduce, various kinds of frontis, all of which is interspersed with yet additional commercials. What is unfortunate about these tours d'horizon is

that weatherpersons at times tend to get lost in the

Constant St.

middle expanses of this vast continent, for which I can only sympathize with them. Ever since I outgrew the puzzles of the United States, each piece being a state, that my mether gave me when I was child. I have never been able to remember which comes first, Jowa or Nebraska, or whether Montana is above Wyoming, or vice versa." On many programs these marches across the country are supplemented by, or have been replaced by, a fast moving scroll device which, to

Section of Carl

"All I really need to know is c how hot it is going to get today. how cool tonight and whether it's going to rain or not."

the beat of a recent pop hil, gives you the day's highs and lows of cities all the way from Albergergue to Zanesville, Ohio. (Son far, Tregucigalpa, Managua, and San Salvador have not been added.) You have to pay close attention because the town you are interested in tends to go

by laster than most people who haven't taken a rapid reading course can take aboard. Weather forecasts can be delivered in any one of a number of vocal styles. One style is to daliver a number of vocal styles, one style is in a anter ope's 'words' of meleorological, wisdom in a soporific, sing-songy voice that almost guarantees the auditor will be julied into such a deep sleep that even Marina Raye's gravelly voice wouldn't rouse

Staying with this type isn't all that bad, although you are apt to sleep through the final minute when

you can at last first cut what the weather is coing to be like in the moning. Even the suctor man is ap the miss his cue to take over again, so somnolent has Seturne. one of my favorite ensurers from years goes by was a young, normal in the Washington metropolitan area named Tippy Stringer who modeled new clothes as part of her act. Unfortunately, she closes as part of her act, on fortunately, she chose extremely early relirement and married the late Chet Huntley, who used to say goodnight to David Brinkley.

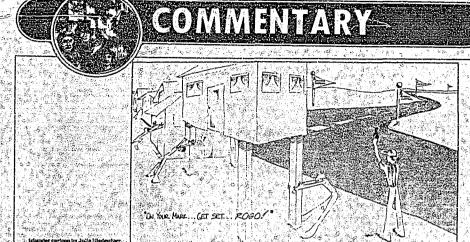
I must admit that after an obligatory eight to 10 mign even when the marcha rays as in when she talks up a "greater strenth" (no typo) denture adhesive product. Even that cratichlic Underall commercial in which the hysterical girl kept shricking "Where!?" might be welcome relief

shrieking "Wherei?" migit be welcome relief, wiTo get to some of the particulars of your typical "TV weather summary," Lam especially fascinated with the "color," rador, I always the gibt radar data came in black and while, but I suppose that, as in other ureas al knowledge itm way behind the state of the art curve.

No matter, it certainly is a great comfort to me when I can confirm what my falling senses are telling me of its raining outside. It certainly acts telling me , it is raining outside. It certainly acts to the courage of my conviction when that arrow Indicates Sanibel

Indicates Sanibel: Another, high point of the presentation comes when the particular recipient of the Seal of Ap-proval of the American Meteorological Association you happen to be listening to (their number appears to be legion) mives over to the imp to show you what the weather is like in the area you grew up in years ago. This is not exactly the weather I am interested in at the moment, but I'm sure a lot of people are

continued page 16A



Howe comments on Boca Grande Pass dredging

Lee County Commissioner Porter Goss' recent ent was most pertinent about the U.S. Arm Corps: of Engineers': relations to the bit of the o doubt that the sand is needed for the fast-eroding adjacent beachline.

job wrong." (He might have added that the ad-ditional \$2 million to accomplish two needed projects would be money well-spent). A. single-purpose (-hannel clearing project assumedly requires using only a hopper dredge to

assumedly requires using only a hopper droge to transport in many trips the sand it drodges to a spoil area offshore in the open gulf. This method, can be costly and time consuming wherein many idle labor and equiyment man hours are wasted in what might later, prove to be a troublesome problem for another inter area downstream. protect for another inter area cownistream. The suggested additional beach resourishment utilizing the said dredged from the channel, however, might involve a less wastellu process. The continuous operation of the pumps on a pipeline dredge and the resultant continuous impropert of good to the nearby baschfront could

tool. Those policies were ratified by Congress-1373, adoption of, the Federal Coastal Zone Management Act (abelt, Florida's Legislature was slow in implementing that act). It would indeed be inconsistent for Congress

Tureday, July 19, 1983

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The ISLANDER

it would inleed be inconsistent for Congress now to turn its back on an opportunity to perform its traditional navigational clumpel maintenance function - and - simultaneously "accomplish - an urgenity needed beach renourishment, Such dual urgently needed beach report asimilar, such dua purpose projects have long been on-going at the north end of Fort Myers Beach and many other passes iluvoughout the nation's coastal areas. The current hassle between the county and the feds about the Boca Grande Pass dredging seems to have been caused by a communications break to have been caused by a communications treat-down when the proposal was being readed for Congressional approval. It could be remedide without logs of face by a routine submittai by the Army engineers of a project revision to include any cost of the beach renourishment aspect --which might be null By Paul Howse By Paul Howe

Hurst of Jackson Mich : one son Philander Carte

JII of Winter Park Fla.; one sister, Virginia Beiso of Hillsborough, Calif.; a cousin; Barbara Carter

Adams of Jackson, Mich., "Iwe grandchildren, Daniel Carter, Tsylor Carter, Alexandra Carter, Abigail Hurst and Carey Hurst. Funeral services will be held in Jackson, Mich.

In lieu of flowers the family asks that memorial contributions may be made to St. Michael and All

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Islanders?

and handling.

Angels Episcopal Church, Sanibel.



Tuesday July 19, 1983 The ISLANDER



All information in the following reports was taken directly from anibel Police Department records.

Police responded to a report that a dog was hacked in a closed van at the Lighthouse parking lot on Friday alternoon July 8 A Senaca UI man reported the incident but the van and dog were gone when police ar-ived

Lee County Humane Society of ficials pieced up a stray dog near a Periwinkle Way business or Friday afternoon Ju y 8 after a Sambei man reported the dog had been a sample man reported the dog had been around the office all day ong The dog was taken to the Humane Society si elter in Fort Myers

A Fort Myers woman asked for police assistance in removing a raccoon that was on the welkway at FAB Oyster House on Friday night

unknown object while the car was parked at Island Exxon during the July 9 Guests were straid to leave the establishment because of the FACCOOL hight on Sunday July 20

> An Inkster Mich mans car was An intestr mem rules tab was spray parted while it was parted at Perivinkle Place shopping center on Munday, atternoon, July 11 The bithigan man reported be incident to the Sanibel-Capitya Chamber of Commerce and representatives there notified police

Someo le put sugar in the gas tank of a tractor at a construction site at The Ridge development maintenance center on Sanibe/Captiva Road sometime between 4 p m. July 10 and MonJay morning. July 11

A push button delephone and bed linens valued at 370 were reported missing from a unit at the West Wind Inc on Wednesday afternoon, July 13. A purse containing \$70 in cash a purse was taken on June 28 from her car that was parked at the Tarpon Bay Road public beach access

A 10-year-(Id Omaha Neb girl was bitten by a domestic rabbit at the Island Blach Club on Sunday evening.

July 10 The girl was referred to the Lee County Health Department The rabbit was put to sleep A 35 mm camera and pair of bitoculars were reported talssing from a lounge chair at Savibel Arms West "ondomivilums by a Fort Lauderdrue woman who lett the ar hight July 1 William Erhs, 48 was f xind lying o.; the bike path near the intersection of Periwinkle Way and Donax S. rect. He told the woman who found him that be had been lying ticles in the cnair when she went to quite some time the pool The camers and binoculars

were + alued al \$173 The right front window of a Cape Lotal mans car was broken by an The Sanibel postmaster was not first train and in the mailtan at the Snock Model was randatized an inat been opped and scattered around the area and the box was domaged. damaged.

July 14

A Minneupolis, Mina woman told A Minowipelis, Mian woman told police a run wis specifiering sting rays in the sard hear Polat santo de Santhel condominiums on "hursday af ternoan, July 14 Police faund a guest of libit resort with one sting ray that he had specared and was proparing to eat. Surve no law was broken, no cellon one taken critica was taken

Police sent two Island youths home to their parents after they received reports that the two were racing their moorcycles near the exit or the J N Ding Darling National Wildlife Refuge on Thursday afternoon, July 14 One of the brys did not have a license to ride has motorcycle.

A ror myers had caught a large inst fishermen had caught a large snock and put R in the rear of their pick up truck at the public fishing pier en Saubei on Thursday night, July 10 Officers on the scene found an approximately eight pound snook under a cover in the truck bed. They under a cover in the truck bed. They went to the pier to find the owner of the truck, who told police he did not know the rides of the spook season When police returned to the truck with the man they discovered the man a lishing partner had removed the snook He told police he had hmown the Lahack to the bay Bodh fishermen advised to make them selves more aware of the laws and season dates for taking snook.

2330 Palm Ridge Place 472-4645 Captiva Edosion PREVENTION DISTRICT TWO SPECIAL MEETINGS JULY 25, 1983 9 30 am - to discuss philosophy bezogorg a tqoba at - mq 02.1 budget and millage

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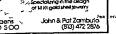


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boat college tuition it scompletely up to you Along with being convenient the BOTI CREDIT LINE is econom ical Our interest rate is floating at just 1% over Citibank s prime rate and our repayment schedule is based on 2% of your outstanding balance including in terest per month Every day you wait is costing you money so call or visit any of our convenient offices today for more information on how you can get your own BOTI CREDIT LINE



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* books, frames, yarns cross stitch and needlepoint kits finished pillow and picture models I and knitted sweeter models and more _____

Police responded to a complaint that a man way expansing himself to justis and camployees at Casa Yoel ' resurt six ruly airer midnigh on Friday July 9 The report was the third police had received from the more more service with the service of th

resort in recent weeks Police and resort stail members searched the surmending grounds but did not flad the man. He was described as a while male of medium puld with sandy brown, wavy hair

A Cardiu a Street resident reported hur mailbox had been hit by a car on Sunday afternoon July 19

which and an alrine licket was reported stolen on Sunday alternoon, July 10 The Svracuse N.Y., woman who reported the the told police her

Sanibel police notified sheriff's

S-nibel police notified sherrif's deputies to respond to a complaint that several people were fishing off the first Couseway bridge A Whelk Drive resident filed the complaint because was concerned for the fishermen stafety

A Fort Myers man was transported

to Lee Memorial Hosp tal with a broken arry after he lost control of the moped he was riking late Wednesday

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Po ice looked for but could not find

a green and white car that reported j drove through the tell booth without stopping early Thursday morning,

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A Fort Myers man netified police

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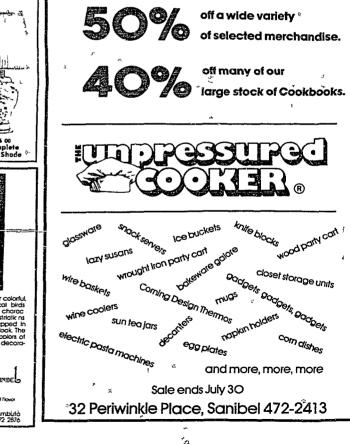
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Tuesday J Jy 10, 1955 The ISLANDER 5. 7



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French Guarter. The shop offers qualify ciothing and jeweiry at bargain prices Photo by David Mearcin.



. Turaday, July 18, 1983 The ISLANDER

Story by Scott Martell LOOKING Photos by David Meardon FOR LOGGERHEADS



"Imagine a starry night in the month of June, With an island beach outlined by full moon. With an island beach outlined by full moon. Such is the time the scat turtles creep on land to nest; then return to the doep." From The Loggerbeact a Logary By Charles LeBuff

The wel-sand colored Jeep CJ-7 with the Caretta license tag purrs down Tarpon Bay Road on the way to a nightly turtle patrol along Sanibel's beaches.

A large plastic turtle hangs from the Jeep key cluin. The odometer reads 27,018 miles, much of the distance covered on sand the past three sur mers during the loggerhead turtle resting scason between May and August. The last Jeep endured four tough seasons

At the wheel sils Charies LeBuff, founder of Caretta Research, a non-profit organization that studies loggerhead turtles (Caretta caretta in

studies loggerhead turtles (Caretta caretta in Latin, hence the group's neme), and educates the public about this endangered species. When the Jeep reaches: Tarpon Bay Beach, the vehicle carrying LeBulf and his passengers grips the sand and ploxa its way northwest toward Dowman's Beach. Shelters will colonan latients stars, in a underwater sky twinkin around a scientiar moon. Venus hangs from the hill like a drop of multien silver. drop of molten silver.

"A head breaks the surf and looks toward shore As her ancestors did ages before. This strange force which compels her so " Is her legacy, but she doesn't know."

As the Caretta jeep passes the condominiums that line the sand early on the nightly drive, LeBuff remarks on this year's legary. "So far we've seen about 22 turtles this summer,"

he says. Out of the 22, eight had been previously tagged by LeBull's crew, and 14 have been tagged for the first time this year. Last year Caretta tagged only six turties.

Another upbeat sign is the nest count. So lar LeBuff knows of about 90 nests on Sanibel beaches. This surpasses last year's rate, which totaled 100 nests at the end of nesting season around Aug. 20, "We're seeing about two or three new nests each night now," LeBuff says. "The total is a slight in-

crease but any increase is good.

"We've seen a steady 100 nests a year for the past two or three years," he adds, "But back in the 1960's it was common to find 300 to 400 nests to one".

Cape Sable south of Naples is one of the few places in Florida where an increase in nests has occurred. And in states such as Texas, where loggerheads once were prolific, the turtles have almost diseppeared from the beaches, LeBuff says, Many threats exist for the lumbering loggerheads, which weigh from 185 to 550 pounds.

Man is an obvious culprit, with his shrimp boats with sharp, propellers, and indiscriminate nets, condominiums that eliminate prime nesting habitat

and his occasional need to kill, whether for food of Yet natural threats seem the primary danger. One of the biggest threats new, LeBuilt says, are water surges that drown nesting eggs. The nests do

need to be awash for two to three days, however, he Other threats include sharks that feed on the turties in the gulf and predators such as ghost crabs and raccoons that feed on the eggs in nests.

In fact, LeBuff adds, in Cape Romano raccoons will eat about 98 percent of all laid eggs, unless the eggs are moved by humans to safe nesting sanctuaries. Here on Sanibel, however, the raccoust have so many other cultary delights to feast on, courtesy of the many condominium trash birs, that they don't bother digging up many loggerhead

nests. The rough beach drive has us bouncing like springs as LeBull maneuvers around a section of, newly eroded beach. The wind and waves create new dune patterns as the beach erodes and builds, he says.

As we stand in the jeep and gaze down at the sand, it seems we are traveling high above the great Rift valley. The ocean has cut away a long chunk of sand, leaving a fault line as if it were a model of plate tectonics in action. Small wrinkle canyons stretch up to the vegetation-covered

upland denes. After LeBuif eases by the steep "fault-line" he tells us that a combination of all the threats to the loggerheads caused the International Union for loggeneaus caused the international onion for Conservation of Nature to express the opinion in 1909 that unless conservation measures were im-plemented, sea turtles would be extinct in this sentury

"This kind of talk spurred regulations and groups to help save the loggerheads," LeBuff suys. A bleached crab trap float inspires LeBuff to tell the tale of the only male loggerhead he knows of that has come ashore on Sanibel.

"Back in 1999," he relates, "a big male way trying to force open a stone crab trap out in the gulf The line from the trap to the float wrapped around

the loggerhead's neck and dug in deep. "That trap weighed at least 40 pounds. The turtle dragged the entire load until he was about 100 feet offshore. Then he was spotted and we went out, cut

the trap away and brought him to shore. "After a night upside down under the houre up there at the Lighthouse, his neck looked fine. So we

there at the Lighthouse, his next notes the cost of larged him, and let him go." A loggerhead can live for 50 to 60 years. They are malure enough to breed after, about 20-30 years, LeBuff relates. Those loggerheads that will next, this year are no further than 10-12 miles out in the

As the jeep bumps along we stare out to sea and start at shadows, hoping to be the first to see this remarkable beast.

"Though dangers are many, with instinct so strong

No fear daunts her efforts, however long, She seeks the safest burial site To deposit her eggs in secret of night.

"Slowly she struggles up the sand slope Bearing within her the continuing hope Of a new generation; like her, who shall be Innocent and unwarned when they leave the sea."

All of a sudden LeBuff jams on the brakes and

peers up ahead. The headlights spotlight a set of corrugated tracks, similar to a small tank's tread. The tracks plow through the sand from the water's edge, and then stop

"It's a false trall," LeBuff says with disapointment. Sometime between last pight's turtle patrol and po

this evening's run, a loggerhead was on the beach. But she turned around and headed back to the

but she upmed around and headed back to the water without laying her eggs. //Somelines: they are: flightened by people. //Somelines: they are: flightened by people. //Somelines: they are: something, and then turn back. If they come to a depression in the sand, they might even think they are no a sand bat instead of the Island. Whenever they get nervous they guickly head back to the water. But fast for the loggerhead isn't very fast," he laughs

LeBull relaxes. The possibility of seeing another loggerhead still excites him ofter all these years. netimes that excitement leaves bim astray Once several years uso he came across a set of mint loggerhead tracks. They vanished up into the brush. There were no return tracks, so Leffuri knew he would be able to corral this turtle. He leaped off the Jeep and like an Irish Setter on point followed the trail. he trail. Meanwhile, off in the bruzh, "Merry Prankster"

Ratph Woodring was brushing sand off his back and laughing hysterically as he watched LeBuff head off on a "wild turtle chase." A statistic of the Years later, LeBuft would admit, "It I'd looked

closer I'd probably have rationd it was a fate but I was too excited. Ralph can make a good track, " he says, allowing a chuckle to escape.

"Foot by foot she clambers the beaci To grass-covered dunes beyond high tide's reach, Her body weighs heavy; she slops to lie. To rest a moment and give a great sign,

The drive down the beach continues and offers in

many puzzles, not all of them about turties. We pass a black-crown night heron standing stok by the surf foam. LeRuff mentions that both the yellow and the black-crowned night heron nest inland. The black-crowned nests even further inland than the yellow-crowned. Yet LeBuff sees

the black crowned night berowned. The black set the black-crowned night berown on, the beach so times more than the yellow. Why we think about it, find no answer, and continue, driving past sand cestles formed at the county part at Bowman's Beach that look straight out of Beas

heads at something that is not obvious to the eye.

LeBuff adds. The eggs are covered by at least si inches of sand. The egg chamber itself is about 10 inches long and holds an average of 110 eggs.

he knows of a female that made seven nests. The record for the green turtle, another sea turtle,

Inclutines in one summer: LeBaff mentions that since the loggerhead has between 10-30 nesting seasons in which they lay ar average of about 110 eggs three times in each Season, the turtle lays, about 3,300 eggs in her lifetime.

Yet the threats to the species outweigh the number of survivors, and the population remains endangered, though it has remained stable in recent years on Sanibel.

The eggs take about 55 days to hatch, then wh must be an amazing mass emergence occurs when

instinct to survive.



Third time's a charm for photographer in search of lumbering sea turtles

By David Moarcine 1 Isst work, bringing welcome news, "I found a turtle," said an ex-cited Charles LeBud; Calling from a phone at a nearby resort on West Guit Drive, LeBud; rallied a few friends and this reporter to view a 280-pound female loggerhead turtle

The turtle had not previously been tagged, so LeBuff marked her before the could return to the sea. "Ti's still exciting even after all by drilling a tiny hole through her these years," said LeBuff's wife, shell on her underside tail end (a painless procedure) and attaching a metal tag for possible future Jean, a veterau turtle enthusiast Still upside down, the loggerhead threw sand in the air with her Identification.

without being harmed for up to 12 hours after they are laid). The delicate eggs were then placed back into the chamber by two's as LeBuff counted silently He stopped at 116. Covered and marked, the clutch of eggs was left to hatch.

the provide the view is and in the size with the size with

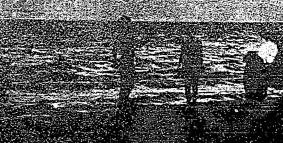
count the eggs in the clutch they discovered on a West Gulf Drive beach late one night last week. The two counted 116 eggs

ing female i which had at that were left by a hu way back to the sea, left. The eggs will be



Tuesday, July 19, 1981

The ISLANDER



insta i

Cesse. The only hordes advancing here are supposed to be turtles, but tonight it looks as it the invasion is slow in contag. LeBuff points out post. We nod out

"Ignorance often saves the egzs," LEBuff saves "People don't recognize where a nest might be?" Walking or driving over the nests poses no problem

A loggerhead will nest every other, year. The average loggerhead lays about three nests in her nesting year. The reord on the gulf cast is sin "times in one season. On the east coast, LeBuff says

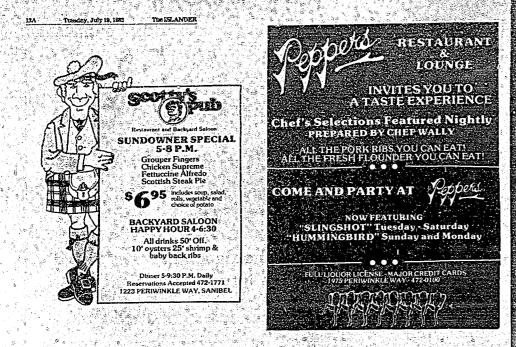
es in one su

"And that's on the low side " he emphasized

the baby turtles shoot to the water using only their

continued page 13A







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LOOKING FOR LOGGERHEADS from pages TOA

About \$5 days after the eggs were laid, or 10 days after the emergence. Lebelt and Carette volu-teers will check the next to determine the success of the hatch. They had previously counted the number of eggs in each nest. Now they compare figures to compute the survival rate.

"Slowly, precisely she lifts the sand With blod fitspers sensitive as a human hard -Scoop after scoop the cavity grows wide And deepens; her procloss eggs to hide."

Depth of the egg cavity can effect the survival rate of the eggs. By instinct the loggerhead will usually know when she's reached the correct depth. Yet sometimes even instinct isn't enough, LeBuil

relates an amazing tale "A few years back, we came across some tracks," he says, "we followed them and snuck up to a huge loggerhead. When we looked closer we is noticed that she had been mutilated by sharks. She

housed that she had been mutuated by sharks. She had no flypers, "LeBulf pauses." "Yet here was that female continuing to make tutile efforts to dig a hole for her nest. Finally, Paul Zajicek got down behind her and scooped out a nest

Context got down terms for any scores on a rest "Now if that nest had been too shallow, those eggs would have dehydrated and none would have survived," LeBulf adds.

survived," LeBulf adds. We lean back against the Jeep that sits now at the end of Bowman's Beach. All we can do is shake out heads in wonder and respect for the loggerhead's

"Her mission completed, hind fort work to cover Nest and eggs wild thieves wait to discover. With wing-like forelegs she scatters said neatly, To camouflage her nest site completely.

"Weary from effort she heads for the surf, Leaving obvious tracks on the analy turf. A beam of light flashes on send, Her flippers touch water, but she's still on land.

"Eager hands grasp at her shell Hands of fools, contrived in Hell." Human beings with no shame Who think their actions only a game.

"I immercifully, she's thrown upon her back Beside her sea home, above ber track, On a bare steel blade the moonlight flash From its thrust her life's blood dashes. Hote flag

"From this creature of God. ever so humble Comes a lest sigh and pitiful rumble, As she and her life are cast stide: No more to pizy in, or race 'gainst the tide.

"The Lament of the ancient loggerhead; Another poacher, another sea furtle dead. Man has influenced those who live in the sea. And left the loggerhead this tragic legacy."

Relaxing at Bowman's Beach, listening to tales Relaxing at Bowman's Beach, listening to tales, it seems LeBuil fass mellowed out a little since he wrote the Loggerhead's Legacy. The poem written about 20 years ago reflects sadness, anger and some pessimism: This early anger, combined with an éarly interest in wildliff, seems to have started him along the conditioned search may wager ago.

In wildlife, seems to have, started nim along the sandy turtle road many years ago. Lebutf ran into his first neating turtle 30 years ago at Vanderbill Beach. His first nesting logenthead came soon ofter. "Then still a teenager, Lebut and 60 youngsters were partying around a beach boilife when a loggerhead crawied onlo the shore. Some of the party goers wanted to kill the turtle for meab Outers, including Lebut, saido way." these party speers wanted to kill the turtle lot meat. Others, including LeBuit, said no way. While the confrontation continued, the loggenhead laid her eggs. Unlike the unhappy ending of the poem, this loggentead had more human friends than foces, and

Soon LeBuff's interest grew. With several friends, he drove Jeeps and cut-down Model A's on turtle patrols. By 1958 be lived on Sanibel and became more intensely interested in protecting the

species. oecles. As we begin our drive back to Tarpon Bay Besch,

LeBuff's wife Jean remembers this was the same track on which they wore out their first car. Jean laughs and calls herself a "turtle widow

Jean haughs and calls herself a "lurtle widow," which of course is much better than a fooball widow. Knowing her man is out watching fenale turtles laying eggs is more inderstandable, she thinks, than knowing your man is sitting watching a bunch of guys playball. LeBut takes the ride back slowly. On the return this twom wat incorrelation and discovered, there

والمحافظ والمحافظ والمتحافظ والمحافظ والمحافظ والمحافظ والمحافظ والمحافظ والمحافظ والمحافظ والمحافظ والمحافظ

trip is when most loggerheads are discovered, since



LeBuilt tage the female by drilling a tiny h on her underside tall end and atlac



The turtle flings sand with her powerful flippers as Ralph Curtis flips her over and send her on her way back to the set



As the loggerhead lumbers toward the water from whence she came to lay her ever. LeBuff amiles a

the time is later and the area calmer the time is later and the area culmer. In earlier days, 20 years ago, LeBuff would stay out all night long, seven days n week. Now he ad-mits he has tailed off a bit. And tonight would be a particularity early night. No loggerheads crossed our paths this trip.

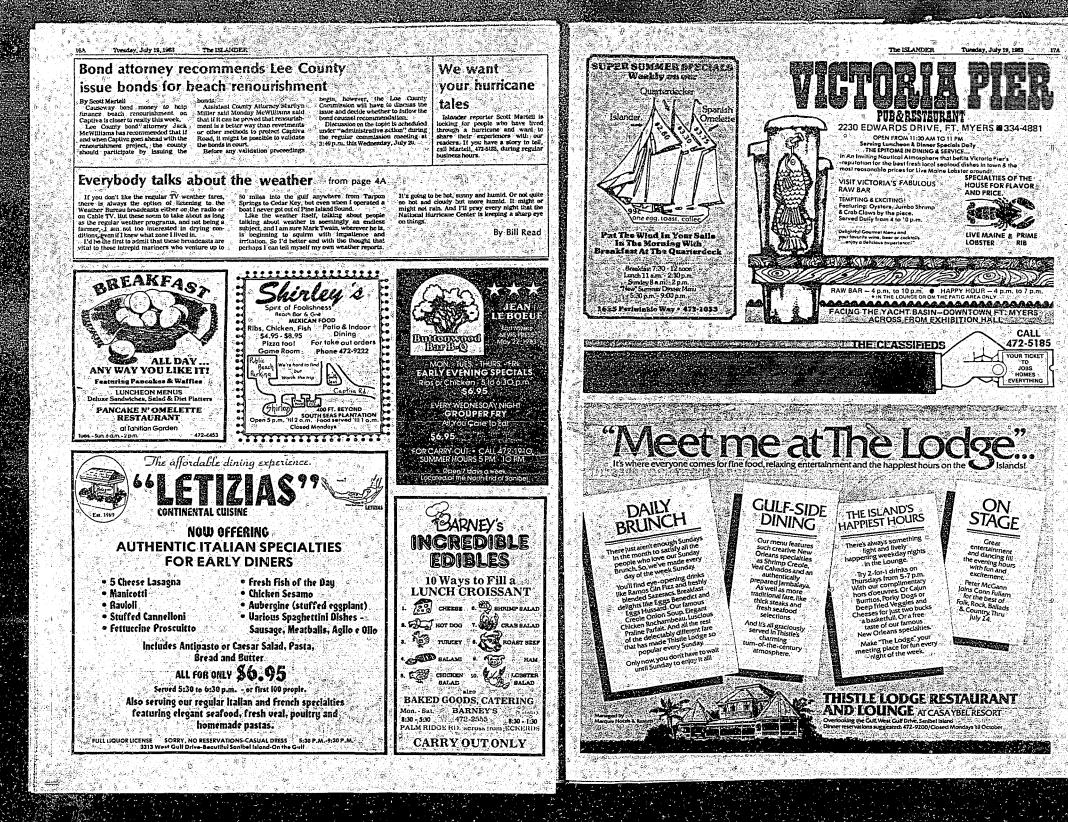
smile that hasn't waned one bit in all the years he bas been monitoring the sea turtles

Unlucky. But not really.

With the beach barely illuminated by moon and stars and the Jeep's headlights picking out its own tracks crossing the jagged dunes, it is easy to imagine and create a scene. Closing my eyes, I

think I can see a loggerhead, even now.











Section B Tuesday, July 19, 1983

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Part VIII

Examining the creatures of surrounding seas

10.00

ve a high level of inte

littake have sh

other n

By George Campbell Hustrated by Ann Winterholtsam Earlier in bils mini-strends on creatures of surrounding seas we stated it is not our intention to deve extensively into the shellfish life forms of Sanibel's marine habitats. Much has already been written about Senibel's great shell treasures, so our consideration of moliusks will encompass only a few groups of special interest — and not necessarily ubose that have shells.

special inferest — and not necessarily those that have shells. This week we will take a look at the cephalopods — squids, octopl, the famous chambered Nautilias of the Indo-Pacific region and their relatives. Sanibel region and their relatives. Hollywood calls them octopusies novadays. J Licht keeps marine aquaria at his father's place on Guir Drive, conveniently near the guir's inschausible and still reasonably pure sea water. A peabro sea water source is important to the

A nearby set water source is important to the keeper of the marine aquarium unless he wants to heave heavy casks or make elaborate rigs to handle quantities of natural set water. The alternative is to buy special sait mixtures that when combined

Controls of natural sea where. The alternative is to buy special sail instances that when combined what has valie matched puble, in fact very good qual to that of evintion gaves the same sea equals to that of evintion gaves the same sea puratis who right a fibergliss tank in the trunk of his Mercedes. The tank was booked to a battery-operated electric pumps to be could back up to the water's edge at a clean site on our Samble Causeway, drop in a hose and fill his tank with good sail, water that he would transport to his fantastic linand marine fish collection. One over-inquisitive 'fellow Mercedes owner, asked why he was pumping sea water into his Mercedes. In a 'flayful' mood the East. For Myers man replied that he was on to a new energy

Myers man replied that he was on to a new energy source and was able to convert sea water into high grade diesel fuel I twonder if the nosy interrogator destroved his engine in an effort to emulate. - For half a century Chicago's John G. Shedd Aquanium, Job milles from matural sea water in the heart of the continent on the shores of fresh-water. Lake Michigan, sent a glassified freight tank car down the Illinais Central each week to pick, the network on under all Burgi Lider. The ware the up natural sea water at Blioxi, Miss. Thus was the greatest iniand marine aquarium maintained during most of its existence.

But Licht has no such problem. He can walk to a clean seawater source a few feet away from his

Early this year one of his tanks housed a mother ixtopus. She produced about a hundred eggs at-tached to the inside of a dead pen shell. Sure enough, a few months later, tiny little octupi were

It is not easy to contain an adult octopus in an aquarium. A lid must be rigged that is light; for an octopus; like an amoeba, can change shape and sort

octopus; like an amocha, can change shape and sort of "now" through a ling aperture. At the same time you must provide space for air lines to enter the Lank to oxygenate the water. So you can see it is hard enough to contain an adult octopus — but a jourch of bubles, which can squeeze through a pinbole! So Licht's baby octopi were soon scampering all over the place. He would catch them and put them back in the water, but the stress proved too much, and eventually, they all nuccumbed, but not before he was able to learn a lot, about them. about ther

about them. The eggs were about the diameter of a pea and twice as long, sort of capsule-shaped. They were taid in a dark, hidden place within the pen shell. They were first noticed in January and began to place in April By the end of April, 35 of the little creatures found be seen at one same "the tank were

1

suddenly lighted. Immediately, however, they scampered to take cover, and would hide until darkness was again provided. "The oggs were, atlached to the pen shell when laid, but by early 'April they were free of the hit tachments. The molber kept them in motion, in sort of a pile, in the darkneed interfor of the pen zhell. I possibile that the more ment, exposed the eggs to more water and thus more orygen. I appose the majuring emproyes required more and more oxygen

to him twatch and hins head to system i soppose maturing embryos required more and more oxygen as they grew, and this was provided by their being kept in constant motion. The eggs did not all hatch at once; quarter-inch

and are nutritious and do not foul, the water too readily. So feeding the youngsters was not, the problem. Keeping them confilted was. They would craw out of the aquarium, and no matter how Lieht ired to seal the top, out they would slittler through the timest crevice.

use unless crevice. All marine aquaria must have filters operated by air lines about the size of soda straws. These little creatures, in their search for escape, found their way into filters and climbed the inside of tiny air lines.

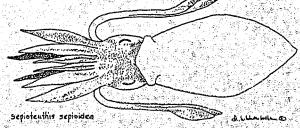
Incs. On April 26 the mother died of unknown causes and a secont small adult then made its appearance. It had been hidden all those months. Apparently the nesting mother dominated the scene and kept the other adult in submission and in hiding while she

continued page 28

The eggs did not all hatch at once; quarter-inci-bables sppersof a few at a line throughout most of April. This suggests that they might not all have bern laid at each line in Jamary. The youngsters ate endbushatically enough. The youngsters ate endbushatically enough. The promised was Arlemit or brine shring, a liny crustocean from Great. Soit Lake. Freese-thic brine shrings are available to the aquerium trade

as lending eggs and bables. Eventually the bables all died from the stress of

here is Joubin's Octopus, the species roost likely to wash ashore on our beaches. They are apartimets found covering inside a basched witch or negatively



This eor

Pict

igence, ce for p

ells to protect th

The beautiful reci solid is many colored — red, grey, thue, gold — and the colors change rapidly. This animal jets about at considerable speed.

Florida's swamps breed more than mosquitos

Clorida's muny swamps are more than breeding grounds for mosquitos birds and alligators. They are vital to the status economy Georgia scientist Lagere Odom has

Geerci scint st Lagere Odom has c iculated that an average acre of coastal sal marsh can produce as inuch as 10 fons of organic material per scar or approximately two and a haf threes the yield from the most icr "ternapileids. sc are the we lands or estuaries

tic coustai still where the sca and the land come together Actually swamp is a more descriptive term su or the areas are formed by the tide wais rs that tob ane flow into the low lvin, freshwater basins swamping the arca and mixing the saltwater with the fresh And although up-parently quiet and lifeless a times these areas are teening with vitality To some the smell of the salt air

minpled with decaving vegetation is ablorent Others look on the estuaries as westelards. But the decayed leaves and grass combine with the ocean's minerals and form detrutes a natural food for the life that abounds there and that even fually provides food for man It has been estimated that more than twothirds of the commercial and rect cational fish caught and caten by -Americans d.re (1) depends on these fish purseries

Es uaries are also important to man because they provior natural wis cwater treatment and storm protection

Humin activities however have beep credited with producing chain reactions that upset this biological composition For example in addition to distruct on of such areas by filling creduling and industrial and private development estuales also suffer from increased sedment deposits thermal pollution from power plants and other industrial pollutan's Because of this seagrass beds appear to be decreasing and in some cases have disappeared entirely

Environmental studies by Florida Sca Grant researchers include work on restoration techniques One project involved sprigging bay bot toms using seagrass seed from the Bahamas tha had been treated with root growth hormones. In surveying the results sc entists compared the animal populations in the restored beds to those in the unrestored sections. They found that the numbers of pink shrimp and se erai species of curidcan gross and bait shrimp in the restored areas greatly exceeded those in the unrestored areas

Another Sea Grant sc entist researched the design of residential c unals to make them more com patiole with the natural environments and to provide non- efficient flushing for better water qualit And a 30 000-acre national estuarine

sanctuary has been established ad joining the lower Aparachicola River C system as a result of Sea Grant funded research

47 1.14 A. 1. Te _ 6 If this youngster were ad enough to read the tile is front of him he would see the names of two laland residents Right now less tists "0 name tiles romain at the center. They are

a wimming nool.

who contributed at least \$200 to the fund drive for the recreation complex proving to be one of the most popular means of paying off the 250 000 Atil owed on the construction cost of the over an the charge of the control of the recreation complex. Recreation Director Dick Noon says, Noos sais those interested in having their name The artistic tiles add to the Island almosphere at the pool They were painted by Robert Dugger So far on a pool tile to come by the center or call \$72-0345 Photo by David Mearmore than 140 Islanders have contributed \$200 or more to the center and to return have had toeir names signed

Campbell continued



Angus McDonald found this fragment of a giant squid tentacle pear Balifax, Nova Scotia. It is difficult to estimate the size of the whole from such a fragment to estimate the base of the whole from such a fragment, the suckers of which were about six inches in diameter Long neglected in the past, squids are now the subject of intensive research. Their jel speed has made them dif. shift to eatch.

New techniques are being developed, and apaid probably will become an important protein source for the world's burgeoning human population.

continual escape in a dry room and replacement in

continual escape in a dry room and replacement in the aquarium Some however grow to ½ tach, which suggests that maybe if a tight life can be rigged come might be ruled to a dupt life can be aquarium 1-loop Licht will try again. The species discussed nere is probably Joubin a Octopus Octopus joubini Theore are many octopus species in seas the world over The largest might tave to-foot testactes Most are small – a foot or two or smaller One timy species of Australian vaters h... a deadly poisonous bite Stories of large man threatening octopia are unably exaggerated. The biggest ones are made of rubber and are worlied hydraulucity J F

Tubber and are operated hydraulically JF Williaman the first underwalar photographer worked from his photosphere in the Batamas in the 30s His work predated Berbe s bathysphere

the ans his work predated befores a bain/sphere by many jean who was a close friend once showed williamson who was a close friend once showed me his huge robber options. His work vent a long way loward giving the oclopus an undeserved reputation forbing very dangerous to man All octopi have eight tentacles as the name would

signest and all grow from the head. The mouth is

located when the emanating tentacies meti-In addition to its more or less typical toothy molluscan radulae the mouth has a reverse. parrot like beak that is used to lear up prov I call it a reverse parrot beak bucause the lower part unlike that of the parrot, cleses or the outside of the

upper part Octopi might crawl slowl, employing their scker-cyclipted tentacles Buil if they real v wait to get moving they fold their tentacles and yet provel themselves backwards at speed with streams of water ejected from the pozzle-luke siblem. siphon

Octop, change color with unbelievable rapidity They can literally change from one color to another in ar instant Blues greens yellows purples browns and reds might pass in waves over their

skin How the p gments contained in chromatophores can move about by small muscles to cause this rapid change is a subject of much interest. A pigment seen chromatophore might contair say of pigment. In a relaxed state it might be but a tiny dark snot. But when the muscle controlling that chromatophere contracts, the pigment is forced and spread into the thin surface area and might be a quile prominent colored patch Thousands of chromatophores containing a dozen or more colors chromatophores containing a Dozen of more colors all subject to muscular squashing, will result in a multi-colored and rapidly-changing addn surface. Among the other cephalopoot (a word which means head feet ') are the very largest of all invertebrates the glant squids They live in ocean deeps and can reach 50 to 60 feet or even longer They provide the principal dietary item of the community item.

s serim what: Captured sperm whates have been known to have six inch round sucker scars on the head skin ~ a result of deep-scabalties with the huge prey Sperm whates stomach contents are evealing often the indigestible parrot beak of the gaint squad is found The largest specimens found in operm whales are larg r than those on any dead giant squids that have washed ashore intact. This suggests that the abuve estimated maximum sizes

suggrees that the advice estimated meximum sizes might be unrealistically strong in Many other squid species, are in the sea. Mos, are quite small. They are more pelagic than the bot tom dwelling octopi and jet propel at speed in schools in quotes of the r prev - mresby fisher which they capture in their tentacies. All squids have ten trained and the child deraports tentricles and can be called decapods

Instruction and can be called decapods The familiar cuttle-bone employed by canary fanciers to provide calcium to nesting birds is harvested from a cephalopod the common cal-tuefish of the Mediterranean the a kind of cauld

The bone is the vestigal she'l of this form some cephalopods do have shells. The most famous is the celebrated chambered Nautilus. This creature. (and other shell bearing cephalopods) employs the shell to house a gas bubble that can be moved from chamber to chamber to control haav.inev

In Florida waters a smaller form of similar nature can be found -- Spirila, It too is cham hauffe call be rodro - Spirila: It loo is tham bered and floats by means of control icd buoyant gas that can be transformed from chamber to chumber All cophalopoids recept, the shelled ones have a smoke stream defense -- link. They can ejert a cloud of black pigment into the water thus ob-sourcing he view of any predainr that might be

seeking a meal Ink was harvested from Indian Ocean sculds it

e

San and Standiers

was apermanent waterproof black ink india lik When you visit Latin America ask your walter if you dare for pulse tails with a coclopus in its ink) it is quite tasty but is sometimes as tough and chewy as a rubber hose Squid sometimes car be Certainiy these tentacle and su ker armed creatures are as interesting as 'ny other mollusks So stay alert and watch for the mon our beaches 1 you find a live one hiding in a washed us hid because it throw him back into the sea. Or better yet, take it to G T^{*} Licht so he can continue his mergrang in-

vestigations

Fiddlers - Hardworking crabs of the marshland

Though of little practices use to man except as an interesting collectible species of as a bait (sheepshead seem to love illern) the fiddler crabe like other numerous intertidal creatures fulfill an important link in the estuarize food with as meals for marshland animals, birds and larger craits So named because the back and forth swaying of the male s larger puncher has been illened to the bowing of a fiddle fiddler craits by n'ture are addustrous and com-munal White many crabs are solitary and swoid the company of others except during mailing fiddlers exist n large colocies in the sait marshes and tidal flats. crahs ther drop the used ball of sand in this maneuver the male is a, a distinct disadvantage bo, ause his large claw is not ou table for forming the ball Mating is carried out in an orgeriy and tida! flats

manner without unnecessary fighting among the males Each male digs a burrow that he defends against other males by waving his large punder to ward them oil The other males respect this warning sign and UGAI IIAIS 1 is easerst to observe their behavior at ios tide, when they come out in largy groups to feed Close observation is possible if one is quite as a courtship display enters the

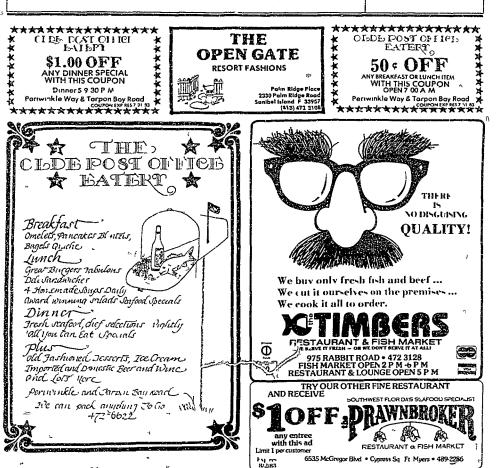
with the to be an in

still but it might be necessary to use binoculars. Fiddlers are not predators or burrow to mate Fiddlers do not appear to be aware of noise but have good evesight provided by long stalk-like eyes that Fiddlers are not predators or averagers like other crabs but yather they are deposit feeders. With small pitchers they scoop up and ruzed with decayed matter that is then rolled into a ball. Using their imputts they separate the editie decayed material that they ingest and make them quite easily disturbed by movement Some borrows have little chimney like protrusions above the surface level and it is speculated that these

burrows house pregnant females and that the protrusion is a signal to male crabs Fiddler crabs will remain alive for several days when collected if they are kept in mud a few inches doop and half saturated with sea water An interesting point concerning captive

fiddlers is that even in capilyity the will continue to demonstrate in creased activity at the same time of day when there is a low tide in the area from which they were taken

The Case and Behel Wildlife facility permits added to Mariner cotinges to its grounds. When they receive a rate of growth they receive a rate of growth allocation the colleges with house interns who work for CROW Interns have found it close to impossible to find affordable housing on the lainnt in the part, CROW Director Holly Davies says. Photo by Scott Martell.



The ISLANDER



Yo I won't usually hear me say much about fiving for Spanish mackerel at this time of the year but some are showin, up arround the Llands and are a stranging larger than those in our monual spring and (a 1 runs

spring and fair runs. Perhaps it is but ause the tarpong et so much attention from anylers at this time of the year – or may be it's just an annusue year – but these spoted jume fish are build eaught by some rather au-prived anglers including mysuf Those annual migrations are short duration where the other sources in the fail and alout

perhaps a month or six weeks in the fall and about half that in the spring. The half shares such as the south in the fall and narth in the spring and of course the hungry mackers come right along behind slashing into frightened school of sliver buil fish

The mackerel and large jacks and laoyish literally shred I chalt hey hit You might recall that a few weeks 100 l men

tioned using small silver pichards or shincr if you will for trout bait That s exactly what I was doing this week with my party when the first of the big macks bi

big macks hi We acre just inside Redfish Paus north of South Seas Plantation and were catching a trout here and there. The first mackerel of purhaps 18 inches hit a little girl s line and gave us all a tussel as we tried to give instructions for f ghting the fish to the 9-year-old Jurit as the fish came to the boat and was econds from my net his sharp tecth cut the 40-

TO TOUR THE ISLANDS

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pound le ster mu crial and it was none We fel bad naturally but it did show that there was at least one meckerel in the water and since these are very much schooling (i.e. we expected mere to try ou, luck on our little si ver fishbatts

We go two large mackers in the art of hisballs morning — not a bonanza but still an indi atlon they are around the passes because of the aoun d_{12} co of the balt ro doubt

due co of the bait to doubt About a pronth ago on a return tr p from Kaappa Foin where we were shark (tabing, I nutleed c ruling and diving birds right off the porthern prition of Bowman's Beach. We slowed down put or silver number two spoons with we looked down put trolled for some mackarel Ahead of the boat was the telltale mackerel feeding activity — jumping mackerel of from 11 to 15 inches long chasing haitfish

I have been known to kid the local raw enforcerment about other aspects of Bowman's Beach but for anglers it's a protected pocket in the gulf shoreline that often holds migrating fish in the fall and spring runs. I hardly ever mention this spot because nobody believes me when I say I go to Bowman s Beach to fish Since those first few mackerel at Redfish Pass we

steadily picked upmackerel there and near Capitva Pass too I dont fish much down around the Sanibel Lighthouse sandbars or Causeway but usually if we have them off Capitve the fish will

show on the eastern end of Sambel too

show on the e isturn end of Saublet ion On these pass are a that by the ion notice birds working, over the fish The mackerel serm to be down deep taking picharts right along with the trout and lad, fish a ligues the variety of our fish is what makes to ings interesting You never really know what you re going to catch As for as going specifically for Spanish markers I would say the chances are against you — unces you see that definite bird activity and see mackerel jumping out of the water as they do when they feed One thing is for sure — mackerel are interested io

One thing is for sure - mackersl are interested in the plicnards and you want to net just as many as our baitwell can hold without them dying The other day we cut the dead plichards in half and used them for chumming the trout and mackerel So you never know but m ist of the larger mackerel have come in on li ely balt

Maybe the Spanish markerel have been around every summer to some exten, still i ve just never naticed but keep them in mind when you are bot tom fishing and trolling. Use wire or heavy nonoleaders to keep them from getting away si the

Good Lshing this week The Spanish have to be a minimum of 12 Inches long to take and the dood news is there is no limit to how many you can take home for dinner

SUNDAYS 9 AM 9 PM -CAPTIVA ROAD & ANDY ROSSE LANE

CAPTIVA ISLAND

For a long time I didn t think the tiny delicate green brittle star was really in the startish family They just don t look like our local startish.

Our common large green starilsh has wide flat legs The brittle star (named with appropriate logic) has thin stringy legs and a tiny body the size of a dime

of a time Yet syme collectors feel that of all the startish found in our waters the brittle is the most desired You most likely will have to really get down into the shells to spot a brittle star Actually you ve probably passed more than you ve found With their green color and thin appearance they blend quite well into assessed that waters up on shore

Weil into seaweed that washes up on shore I ve never found a live brittle star Most starfish like to live in and around the clam family of shells They ilterally muscle open bivalves and extract the neutron clams. Not much is known about the living habits of the brittle star However we musume that they cat clams just as their cousins do Whot offen you will find brittles dead and dried up along the high shell the of the beaches it seems the sea birds doni teal brittles as they cat urching or flat anged generations as you can expect to see the britter shell be based by the flat the set of the sea The Aver two for the beaches it use for the set of the sea high a beachting the set shall are two for them of the sea the shell beaches they are two for them of the sea high a beachting the sea brittle and the sea the sea

The aver use brittle has legs that are two to three

€2,7

inches long Five legs usually form the star but as with any other starf sh brittles also can be found

with any other start is hiritites also can be found with more or leastegs. The britte is from a strange and interesting v fumily of exclusionerms. That surdoubleed/ iso long a word to describe rea creaturens that have limy plates for steletions. Humans have an internal skeleton skeletions but have norm and others

have an external skeleton. But the echinoderms and One thing is owner on the family — they have a star like patient on the'r bodies. Take the most famous of the family the sand dollar if you have

names of the round of cense one on display soon take a look at the rounded sop part of the dollar There you will see 'iv, arms imprinted on the wide hard plate. Now hink of what a real startish looks like See the similar ties? The collar has the startish outline on its back!

ordine on its back! The brittle starfish isn't line only one found around the Islands There is another called the daisy brittle star that I think of as a hardier ver sion of the brittle with widor I nger logs Nou won I have any trouble contrusing the delay

with the common stars like the Florida brown for Instance With its ting center and long h gs the dalay

The ISLANDER

looks) ke a great big brittle star When I was talking about sand dollars I to got to mention the close cousin of the brittle stars — the sea urchm

Tuesday July 16, 1983

By Captain Mike Fuery

Once again, if you have a sea urch n in your collection that has all the needles removed, you will notice definite leg patterns on the s drs of this rounded member of the rehanderms

rounded members of the echnoderms Our green or purple sea urchins are not dangerous and as a matter of fact are good to eat, too A least that is what Europeans on my shelling charters have told me Just recently a fella from Italy told me sea urchins are often served in sea side restaurants in much the same manner as of the sea to the same share plets. The search This fella sold they take a shareplets cut out the top and using, a small spood din out the insides and enjoy. And you thought here was no real use for

enjoy And you thought there was no real use for urchins right Good shelling this week - and witch for thise brittle stars

iseinamer"

Capt. Make Fuery offers damy shelling trips to North Captiva and Cayo Costa Islands. Call 472-3001 for information.

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Ful



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17-year-old Mike Bradley Rising golfer strives for PGA card

12-0; and West Wind over Naumann

are: West Wind - 7-0

Naumann - 6-1

Timbers - 4-4

Mariner -1-6

McTs-0-7

South Seas - 3-3 Island Exma - 3-4

Dunes Her's -6-1

The Other Team - 23

The men's standings as of July 17

8.7

Young Mike Bradley, 17, has had only one gold mentor for the L3 years he's been playing gal --and that's his father. John Bradley, head pro at the Dunes golf course. The father-son turclage seems to be paying off.

Last week, young Bratley, swamped his competitors and won the South Florida PGA. junior golf championships at the Woodmont. Country Club in Tamatac

Bradley shot a three under par total of 141, which put him nine strokes ahead of the second place soller.

Winning this tournament allows Bradley to advance to the National PGA junior cham-ploiship in North Palm Beach Aug. 22-25. This will be Bradley's second trip in a row to the PGA

Last year be tied for second place. The 73-hole tournament features the best boy and girl from each state in America competing in a four-day marather of golf.

Bradley found the South Florida PGA course a real challence. The "roughs" around the fairways and greens were allowed to grow up around live to six inches high so that if you missed the fairway, "You'd have to search for your ball for

On the last day, Bradley missed only one fairway, which is was a big advantage for him.

ne says. The two courses in the competition were also much longer than Bradley's home range at the

Dunes. One course was 6,400 yards and the othe 7,000, compared to the Dunes' 5,400 yards. Branley has been playing golf since he was 4 years old. At first be used plastic play clubs, but by the time haves 6 he gripped the real thing. Now he golds every day for three to five hours, playing up to 27 holes of golf in one day. He takes his coll sermasiv because he has a gcal. First, off to college for two years to study business, then he plans to pick up a PGA card and go on the professional coll your. "It is all I've strived for all along." says the

tetermined young man, And so he plays day in and day out on his quest The heat doesn't bother the lifelong Florida resident, who says he prefers the heat over the idea of playing in 20 degree weather up porth. As he plays he picks up occasional gens, like 10 holes in one so far in his career. This includes three at the Dunes, one on the fifth hole, and two on the eigth

He also studies the game, eves glued to the British Open last weekend on television. Jack "Golden Bear". Nicklaus Is this red-headed golfer's favorite touring pro.

the most mental games around." The most memargines arount. "Fit is not a game you can just go ahead and take two days off," says the dedicated golfer. "I think I've got a pretty good frame of mind," he adds. "My mental game is pretty good ." Based on his tournament success, it shows.

conds and added a fifth in the 25

yard breaststroke with 29.4, a sixth in

the 25-yard backstroke with 27.75, and

And like Nicklaus, Bradley feels golf is "one of

SWAT results

The SWAT red level squad looks

pretty good, says Recreation Director Dick. Noon after last Wednesday

night's competition at Cypress Lake

High School

Men's softball

Sports shorts

West Wind edged by Naumann on Sunday, 8-7, to take sole possession of first place in Sanibel's mens softball

league. The Tuesday, July 12, games in-cluded West Wind over McT's, 15-2; Mariner forfelt to South Seas; and Dunes Ster's over Island Exton, 5-2. Thursday, July 14, play included Naumann over The Other Tearn, 25-Timbers over South Seas, 13-1; and Dunes Seers over Mariner, 14-2.

Play on Sunday, July 17, included Island Exxon over The Other Team



Women's softball

As the womens softball cert noves along, the scores get closer and closer. Last Wednesday, Players edged by Gringow, 8-7. And on Sunday. Twigs beat The Other Team, 13-10. As of July 17, the womens standings

Players -- 4-0 Twigs -- 3-1 Gringos -- 0-3 The Other Team -- 0-3

a sixth in the 25-yard butterfly with 25.1. Mary Kay Shanklin took two first places, one in the 25 freestyle with her-time of 18.5 seconds, and the other in Individual results show some nice monovements, Noon says. In the six and under group Katle Leonard in her first meet swam the 25-yard freestyle in 735 seconds; Marlance Charoe the 25-yard backstroke with 24.5 seconds. She also added a third in the 25-yard butterfly with 25.1 seconds and a fifth in the 25-yard breaststroke. swam the 25-yard insettyle in 28.7 seconds; Andy Weaver swam for a in 29.4 seconds. Cuad Nave picked up a second place third place in the 25-yard freestyle in

21.6 seconds, fourth in the 25-yard butterfly in 34.5 seconds, fifth place in the 25-yard backstroke in 20.6 in the 25-yard freestyle with a solid 18.1. He also added a fifth in the 25yard breaststroke with 30.4, a seventh in the 25-yard backstroke with 28.7, and a seventh in the 25-yard fly with seconds, and sixth in the 25-yard breaststroke in 59.2 seconds, In the eight and under group, Coral Chance swam the 25-yard breast-In the 10 and under group, Angela stroke in 31.02 seconds for eighth place; Abby Dorang picked up a third in the 25-yard freestyle with 19.8 Stephanides placed fourth in the 50-yard backstroke with 52.09 seconds.

Beachview men's golf

On Saturday, July 16, the Beach-On Saturday, July 16, the Beach-view men played a golf tournament. Placing first with plus five was Hank Grough. Coming in second with plus two was Jeff Dean. Third with plus now was Glay Marsh. The previous Thursday, all members were to the Below Rises Could

the second s

fourth with pet 74

In tournament play on Tuesday, July 12, Clay Marsh placed first with plus three. Second place went to Bob Schnider with plus two. Tay Howland The Beachview men celebrated the completion of 18 holes of golf Satur-

day, July 9, with free food and beer. In rushing to get to the repast, Phil Spencer sped through the course with actubers went to the Palm. River Goif Course in Naples to play a round. Werner Propie and Phil Spencer tied for first place with a net of 70. Clay a winning plus siz. Roy Hall placed second with a plus four. Three players hit at a plus three pace to the for third place. They were the Hartman, Bod Ristuw and Ed Reed. Marsh placed second with net 72. Ed Reed took third with net 73, and Jeff Dejan and John Forster tied for







