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**MSI’s 50-Year Anniversary**

*Anniversary celebration begins to take shape.* A teleconference was held February 24. Dean Mary Ann Rankin and Assistant Dean of Development Joyce Sampson participated in Austin with a good group in Port Aransas consisting of MSI Advisory Council members Major Bradshaw, Ed Fleming, John Holmgreen, Mary Judson, Jim Magee, and Georgia Neblett. MSI faculty and staff in attendance were Tony Amos, Ed Buskey, Lee Fuiman, Ruth Grundy, Joan Holt, Scott Holt, Ellery Ingall, Kathy Quade, Curtis Suttle, John Thompson, and Terry Whitledge.
The main goals of the meeting were to establish a preliminary budget and to identify major dates for events. Determinations regarding the calendar were made as follows:

- **Evening seminars — to begin in late March or early April**, to be held about every 2 to 3 weeks. Three seminars total. (To be on topics of general interest and open to the general public.)
- **Open house — scheduled for May 11**. (Moved from original selection of May 4 because of staff and facilities conflict; particularly targeting the Port Aransas, Corpus Christi, and South Texas area.)
- **Appreciation dinner — Sunday, June 23**. (An invitational dinner in appreciation of the chair which was provided to the Marine Science Institute by Mr. Perry Bass and his many other activities in support of The University of Texas and MSI.)
- **Reunion — to be in the fall**. (MSI graduates and MSI ex-employees are encouraged to contact the *LazGaz* with suggested dates and comments regarding the reunion—MSI ex-student Faust Parker has volunteered to take the lead in organizing a reunion.)
- **Symposium — ?**. Comments from readers of the *Lazarette Gazette* are solicited. Many feel the symposium should be held in conjunction with the reunion. The science staff represented in the meeting largely felt that the symposium should be brief and no book or abstracts published, possibly an informal symposium.

Other determinations:
- **Video Presentation** — All agreed a video of about 10 to 15 minutes should be a major achievement to come from the 50-year anniversary. It will be useful for many years. Scott Holt volunteered to follow up with a company which already has some MSI footage.
- **Poster** — An attractive poster is needed soon. It may include dates of events. It may possibly be distributed to Texas schools with the reverse side prepared as a teaching aid. It may be sold at the Visitor Center, the *South Jetty*, and elsewhere.
- **T-shirts, caps, coffee cups** — It was decided that work should begin immediately on these, possibly with volunteer art work. Items can be purchased for resale so funding is not required.
- **Logo design** — This is a major item which can be utilized throughout the anniversary year. It will probably be possible for this to be produced by staff in Austin at no cost to MSI. Ideas are needed immediately on the logo. These can be in the form of sketches and/or written suggestions.

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**Listen pardner, be advised** that a review of files by MSI Diving Officer Ken Dunton indicates several cases where physicals and/or CPR certifications are out of date. Divers whose physicals are more than six months overdue are not permitted to dive. Physicals are required every two years after age 40 or every three years up to age 40. CPR certifications are generally good for two years; divers whose CPR certification is more than 12 months overdue are not permitted to dive. If you are not in compliance, address these issues before the active spring and summer field seasons commence!

—Walker
Grants & Contracts

AWARDS UPDATE—FEBRUARY 1996 (since June, 1995) — compiled by Lynn Amos

☆ Environmental Protection Agency

Thomas: 09/05/95-09/05/96, "Evaluation of Endocrine and Morphological Biomarkers of reproductive Toxicity During Critical Stages of the Reproductive Cycle in Atlantic Croaker," EPA R81-9990-01-2 (Yr 3 of 3).

☆ Office of Naval Research

Suttle: 10/01/95-04/30/96, "Viral Pathogens of Marine Phytoplankton," ONR N00014-92-J-676P00001 (conex 91-28), (Balance of Yr 3 of 3).

☆ National Science Foundation

Buskey: 01/01/96-12/31/96, "The Role of Heterotrophic Dinoflagellates in Marine Plankton Dynamics: Growth, Grazing Behavior and Bioluminescence," NSF OCE-9314036 (Yr 3 of 3).


Suttle: 11/01/95-10/31/96, "Viral Dynamics in the Sea," NSF OCE94-15602 (Yr 2 of 3).

Whitledge & Benner: 02/15/96-01/31/97, "A Multidisciplinary Analysis of Shelf-derived Carbon Dispersal Within the Arctic Basins, as Sampled by Submarine," NSF OPP9423349 (Yr 2 of 2).

Fuiman: 09/15/95-08/31/00, "Predation Mortality of Fish Larvae: Peril of the Unfit or the Unfortunate?" NSF OCE95-21240.

Ingall, Dunton, Benner & Buskey: 01/01/96-12/31/97, "An Automated 15 N, 13 C analyzer for the University of Texas Marine Science Institute, Port Aransas, Texas," NSF BIR95-12847.


☆ U. S. Department of Energy

☆ National Oceanic & Atmospheric Administration


Tinnin: 09/01/95-08/31/96, "Marine field Experiences for Teachers and Students," NOAA-Sea Grant/TAMU, ET/C-32/404175 (Yr 1 of 2).

Holt, S & Holt, J: 09/01/95-08/31/96, "Recruitment of Estuarine-dependent Marine Fishes: Growth and Natural Mortality of Larval and Juvenile Recruits," NOAA-Sea Grant/TAMU, R/F-65/404165 (Yr 1 of 2).

Holt, J & Douillet: 09/01/95-08/31/96, "Microbial Hatchery Technology for the Utilization of Artificial Diets in Intensive Culture of Fish Larvae," NOAA-Sea Grant/TAMU, R/M-41/404157 (Yr 1 of 2).


Amos: 11/01/95-08/31/96, "Physical Oceanography of the AMLR Study Area for the Southwest Fisheries Science Center," NOAA #50ABNF600015.

☆ Texas Higher Education/Coordinating Board

Buskey & Montagna: 01/01/96-12/31/97, "Why Has the Texas 'Brown Tide' Persisted for Over 5 Years?" THE/CB #003658-019.

☆ Texas Water Development Board


☆ Texas Natural Resources Conservation Commission

Montagna, Dunton & Holt, S: 09/01/95-08/31/96, "Characterization of Anthropogenic Disturbances on Vegetated and Unvegetated Bay Bottom Habitats in the Corpus Christi Bay National Estuary (CCBNEP) Study Area," TNRCC/CCBNEP #62-XXXXXX-XX.


☆ Texas Parks & Wildlife Department

Gordon Gunter — The second Director of the Marine Science Institute sails above a school of mullet on the LazGaz masthead. This refers to an incident off the MSI pier described by Gunter in his Gunter's Archives, No. 4, published in April of 1987. Gunter's father was a lawyer and the family lived in the town of Natchitoches, Louisiana. Among those who had an early influence on Gunter as a boy were his close kinsmen who were countrymen and woodsmen. As a very young man Gunter didn't think there was any way for a naturalist to make a living. "After I had seen more of the world, I realized that naturalists or at least those who made a name for themselves, all became writers." Growing up, Gunter became an insatiable reader and when he entered upon a career in science, he also developed into a prolific writer, one whose work is recognized and quoted extensively by other scientists throughout the world. 254 writings by Gunter have been published, including both lengthy and short scientific papers. An additional 69 popular articles, reviews and biographical sketches have appeared. Science began to be a commanding influence in Gunter's life while he was doing undergraduate work at Louisiana State Normal College (LSNC), where he earned a B.A. in 1929. His first job was on the shrimp investigations project of the U. S. Bureau of Fisheries, centered in New Orleans, from 1931 to 1933. This project was led by Frank W. Weymouth, on leave of absence from Stanford, and Milton Lindner. The project finally worked out the outline life history of the white shrimp, which at the time was the most valuable commercial shrimp in the Gulf. Later, Gunter went to The University of Texas, intending to become a bacteriologist. At Texas, however, Gunter was diverted into physiology and zoology by another brilliant scholar and researcher, Elmer Julius Lund. In those days, many professors but especially Lund, under whom Gunter worked several years, "expected you to work on a problem and to do it yourself; they did not expect you to need assistance." After receiving his Ph.D. in 1945, Gunter continued on at The University of Texas becoming acting director of the Marine Science Institute from 1949 to 1954 and director to 1955. Gunter served as editor of Publications of the Institute of Marine Science (Now CMS) from 1950 to 1955. He left The University of Texas and the Marine Science Institute to become Director of the Gulf Coast Research Laboratory at Ocean Springs, Mississippi.

(Editor's Note: Excerpted from Marine Briefs, Volume 8, No. 8, August 1979, published on Gunter's retirement from active service with the State of Mississippi, on his 70th birthday.)

Listen pardner, be advised that the UT boat ramp is to be locked after hours on weekdays and on weekends and holidays! This is necessary to eliminate unauthorized use which has interfered with UT business use and has been bringing many boats and trailers into the area, creating a security problem. UT students and employees and those renting slips in the UT Boat Basin may still use the ramp. Students/employees needing to use the ramp should contact Noe Cantu. Those renting slips should contact John Thompson.

—Walker
Trip Reports & Travel

Travel ending between February 17 and March 8

Tony Amos, January 10—February 18, McMurdo Sound and Elephant Island, Antarctica, to join research vessel YUZHMGEOLOGIYA as part of Antarctica marine living resources program.

Chris Collumb, February 9—18, San Diego, California, present paper, The effects of simulated resuspension events on bacterial abundance of Tomales Bay, California, at the AGU/ASLO Conference.

Ellery Ingall, February 10—17, San Diego, California, to attend AGU/ASLO Conference.

Randy Garza, February 10—18, San Diego, California, present abstract, Seasonal light effects on cyanophage communities, at the AGU/ASLO Conference.

Lauren Clark, February 10—17, San Diego, California, present poster, Nuclear magnetic resonance characterization of organic phosphorus during aerobic decomposition of spirulina, at the AGU/ASLO Conference.

Kristen Rodda, February 11—21, San Diego, California, present abstract, Infective cyanophage persist in anoxic sediment on the continental shelf of the Gulf of Mexico, at the AGU/ASLO Conference.

Connie Arnold, February 14—17, Arlington, Texas, participate in Aquaculture America '96 Conference as co-author of papers presented by D. Allen Davis and Juan Pablo Lazo.

G. Joan Holt, February 14—17, Arlington, Texas, participate in Aquaculture America '96 Conference.

Juan Pablo Lazo, February 14—17, Arlington, Texas, present paper, Effects of the utilization of medium-chain triglycerides on growth and body composition of the red drum, (Sciaenops ocellatus) at Aquaculture America '96 Conference.

D. Allen Davis, February 14—17, present papers, The utilization of raceway systems at The University of Texas Marine Science Institute for the production of marine species and Effects of substituting menhaden fish meal with a fish meal analogue in practical diets for red drum Aquaculture America '96 Conference.

Seminars

Dr. Annelie Skoog, Goteburg University, Sweden, In pursuit of carbon to the ends of the earth, Friday, February 23.

Dr. Robert McMahon, The University of Texas at Arlington, Evidence for physiological barriers in the vertical distribution patterns of intertidal gastropods, Friday, March 1.

Dr. Lynda Goff, University of California, Santa Cruz, The origins and evolution of parasites from their hosts, Friday, March 6.
Message from Andi Wickham aboard the R/V YUZHMORGEOLOGIYA

(The following e-mail message was received by Tony Amos from Andi Wickham on March 3. Andi and Chuck Rowe are aboard a Russian Research Vessel in the Antarctic.)

We had a bit of down time with the underway today. I will tell you about it. Remember when they attached the one desk to the other two and we wondered if when one went would the whole lot go? Well, we don’t need to wonder about that anymore. Earlier today, we had a roll (don’t know the actual degree yet) and everything broke loose and hit the deck. The desks tumbled, the top of the desk with the underway computer and plotter came off completely, launching the plotter and computer, and even the table with the printer that was bolted to the floor came loose (it bent the bolts, I kept them) the printer was also airborne. It looked like a bomb had exploded down here. All of the computers, monitors, underway everything!, bernoulli boxes, printer, contents of all of the drawers, papers, books, pens, disks, were all strewn about on the deck. The Gateway was still in its rack but sitting at a 45 degree angle. The deck unit was off. What didn’t come completely unplugged was dangling by its cable or wire. There was a layer of confetti-like little white dots on top of everything (from the paper puncher). Kind of like an incredible party had been thrown. Walter and Val have photos. Fortunately, Chuck was out on deck smoking. He would have been injured had he been sitting here. I was still trying to sleep but was awakened by the roll thinking "wow, that’s the biggest one yet." Sure enough, about 1 minute later I got the call from Chuck that everything was on the deck. Amazingly, it is all back and running. It took about 2 hours and will take a little longer to finish cleaning up but we put it all back together again! I'm afraid it might have been the last straw for the Dataworld monitor cable though, and maybe even the monitor itself. We have it working, but the slightest touch and it goes out. The HP3421A seems a bit injured too. The paper tray for the printer is cracked but works fine. For now though we are completely back on line. Everyone jumped in and helped us pick up. The only other casualty was Val’s microscope. The ship has loaned her theirs. What really bothers me is that even though they have secured the top of the desk and reattached all of the desks together, another roll like that and the same thing will happen. They did wedge a 2x4 piece of wood between my computer rack and the ceiling (I have a photo). I guess this will keep it all in place as long as a roll isn’t preceded by a pitch? or a yaw? Anyway, I hope it works. The seas have calmed a bit, winds down to 15 from 45 knots but we are still rolling around a lot. We have been since last night. Couldn’t sleep and have been queezy again for about 3 days. Is there a storm in the area? We are at 60 49.5s and 056 10.1w. We are on a northwesterly course now and tacking between stations because a course due north puts us right in the trough. And it’s a big trough. The captain said something about the engines being down and we were just drifting for a short time when we took the big roll. I hope this is not true. Oleg said that the bridge recorded >30 degree rolls about that time. Better go for now.  

—Andi Wickham

Galoran Amos — The most gorgeous granddaughter, weighing in at 7 pounds and 3 ounces, arrived at 10:25 a.m., February 17. Grandparents do have a tendency to brag and rightfully so. And they are Lynn and Tony Amos. Oh yes, parents are Michael and Tallia Amos. Cheers!
WASTE DISPOSAL PROCEDURES:

1. Get waste disposal tags and request for disposal forms from John Thompson or JoAnn Page.

2. Attach completed tag to waste container—each container must have a disposal tag.

3. Fill out request for disposal form and give to John Thompson or John Shaw—list as many containers on the form as will fit.

4. Put chemical waste containers into a cardboard box or be available to box them when the Physical Plant personnel arrive.

5. Physical Plant personnel will pick up your chemical waste after receiving the completed request for disposal form. The waste will be transported to and stored in the Hazardous Materials Building until picked up by OEHS.

MATERIAL SAFETY DATA SHEETS DISTRIBUTED

**Arnold:**
- Digestion Solution for COD 0-150 ppm Range
- Boric Acid
- Nitric Acid
- Sodium Hydroxide, solid
- Acetone
- Chloroform
- Phenol, liquified
- Glycerol ACS Reagent

**Benner:**
- HMP 4-18B
- HMP-85-1 Clear Slow
- Cadmium
- Potassium antimony tartrate hydrate
- Sodium nitroprusside dihydrate
- Potassium Biiodate Solution
- Pyridine ACS Reagent
- Isovanillin
- O-Vanillin
- M-anisaldehyde
- 2-hydroxy-5-methoxybenzaldehyde
- Calcium carbonate ACS Reagent

**Shaw:**
- Freon
- Proprietary aqueous blend of inorganic and organic salts
- NSS concentrate cleaner
- Potassium iodate reagent
- Proprietary aqueous blend of nitric acid
- Sodium bisulfate
- Weld-on 700 for PVC plastic pipe
- Weld-on P-68 for PVC plastic pipe

**Ingall:**
- Paraffin oil, white
- Iso-butyl alcohol
- Zinc acetate
- Ammonium chloride
- Hydroxylamine hydrochloride
- L-Ascorbic Acid

**Suttle:**
- Phosphotungstic Acid

**Thomas:**
- Isocotane
- 2-Phenoxyethanol
- Polychlorinated Biphenyl Congener NET-453
- Dihydrotestosterone, [1,2,4,5,6,7-H(N)]-3A,20B-hydroxysteroid dehydrogenase partially purified
- d-(cis.trans)Phenothrin
- 2-Methyl-1-propanol HPLC grade
- Thapsigargin
- Rochelle Salt Solution
- Tungstosilicic acid hydrate
- Ammonium persulfate electrophoresis reagent

—compiled by Patty Webb
FISHING WITH CHASE

Chase Van Baalen was a scientist, a poker player, and a fisherman. I don't think he ever drew to an inside straight, and he didn't take many chances in fishing, either. He delighted in making many of the gadgets in his lab out of whatever materials might be available. He had a decidedly droll sense of humor which could appear at the most unexpected moments.

Soon after I began my graduate work under his direction, Chase asked a couple of us to go king fishing with him. I do not remember that day specifically, but we must have proven ourselves at least as having potential, because other invitations followed in months to come. Besides, Chase liked having company, and of course appreciated an extra hand with the boat.

That boat, a rugged old Boston Whaler, complete with a huge Evinrude outboard motor of similar vintage, could be the basis for a story in itself. It was an open hull design with steel side railings and a wooden center console. The slightly faded blue deck gave evidence it had known sunlight for some time before coming under Chase's command. I believe it was his children who added a personal touch by putting a name on the front of the console with adhesive letters. Chase undoubtedly took much satisfaction in making the boat fire truck ready for those blue water days offshore.

Those long ago forays into the Gulf were welcomed diversions from the algal culture work which required so much indoor work. Under Professor Van Baalen's tutelage I learned: how to fashion hooks and wire (ordered in bulk from Herter's Inc. catalog, of course) into tackle that would troll straight and true, that the only good use for ribbon fish was a bait for king fish, when and how to use a gaff, why your peers laughed when you hooked a jack fish, that twisted fishing line will straighten when pulled behind the boat, that a trash line in the Gulf can mean good fishing,... and many other aspects about offshore fishing I have forgotten since moving inland.

Memorable scenes include a slightly queasy looking Ed Stevens covered with fish slime and scales after a catch, John Gotto being lulled by heavy swells as he waited for a strike, a forlorn and unhappy look on Chase's face one day when we were towed in after the old Evinrude quit on us some miles offshore, and an unforgettable look of utter dismay when Chase's bargain of the week, a long yellow rod he bought at Bilmore's for $5, broke as he was trying to land a big one!

All of these trips have merged in my mind as a collage of experiences. All that is, except the day we encountered the ling. Time has not faded that day. Until then, I had only heard others mention ling in ways that let me know it would be a prize catch. It was just the two of us on that particular voyage. We had been trolling in the vicinity of the whistler buoy without any luck. Captain Van Baalen set a new course that eventually brought us back to the mouth of the jetties. Then we turned into the SE wind and ran parallel to the beach. Suddenly, my reel started to scream, bringing us both to our feet! As Chase began to retrieve his line, he stared intently in the direction my rod pointed. The fish briefly surfaced while still several yards away. Chase shouted, "John, that's a LING on your line!! And he's a big one, probably 30 pounds!!" The rod was bending at a sharp angle and the line had a tension that was surprising. We knew this one would give us serious bragging rights back at the lab. The fish made a run back in the direction we had come, but Chase turned the boat, making it possible for me to retrieve most of the line we had lost. As the fish came nearer, we got a better glimpse of his size. "Oh he'll go 30 pounds, easy! Be careful now, it looks like he's only caught on one of your hooks... don't force him, just bring him
alongside nice and easy," Chase instructed as he began to scramble for the gaff. Once in the shadow of the boat, the ling became surprisingly docile. This caused Chase to reconsider. "He isn't tired enough, yet. If we pull him out of the water now he will probably tear up the boat." "Tear up the boat?" I asked, "What do you mean? Can't we just club him like you do the king fish?" "No," he cautioned, "ling go crazy once they are gaffed. Give him some slack line and wear him down some more."

I was on new ground here, not having heard about this little quirk of a ling's personality. Slowly, the big fish swam further and further away from the boat, like a puppy wandering on a loose leash. Then he woke up and rejoined the fight. His second efforts were much more serious than the first. Chase seemed to be everywhere on the boat, ensuring nothing would accidentally snag and break the line, all the time giving me good counsel on how to counteract each movement the fish made, and frequently reminding me that it would be a real shame to lose this one! After several minutes, the struggle began to wane a little, and I cautiously worked him back to the boat. A steady pull on the rod guided him right next to Chase, who stood ready with gaff in hand! Neither of us had noticed that the wind and waves had pushed us close to the South Jetty. Chase instinctively looked up and shouted, "Hold on to him while I move the boat!!"

I began to get a sinking feeling. There, just inches away, waiting to be gaffed, was the ling we had been working so hard to land. "Can't we just grab 'em real quick and then move?" I pleaded. "Don't have time!" he cried as he rushed past me to grab the controls. The sudden roar of the motor emphasized Chase's anxiety that the next wave or two might put us on the rocks. Somehow, the hook held fast as we moved a safe distance from the jetty.

After a long moment, Chase eased back the throttle, and we prepared to finish this adventure. This was it. No more delays, and no jetty nearby. Whether tired or not, it was time to bring the ling home. Once more I reeled him in close to the whaler. The line stretched taught with his weight, but not from his fight. He was ready. But instead of picking up the long gaff pole, Chase began to dig frantically under the console for something. "He seems quiet now," he explained, "but we better not take any chances. Let's use this!"

He then produced the ultimate tool for the situation at hand, a flying gaff - a homemade one consisting of an extra large hook tied on a length of heavy cord. With this instrument of finality, Chase made his approach and prepared to administer the coup de grace. He lunged and missed, unintentionally slapping Mr. Ling alongside the head in the process! In a slow motion replay of that instant in time, I can still see our 30 pound ling rolling over on his side... and the hook finally falling free!

We just stood there, helpless, stunned, speechless as we watch him disappear for the last time. Chase broke the silence by saying quietly, "You know, I don't think he would have gone over 18 pounds."

—John Batterton

**Chase Van Baalen** — Chase joined the Marine Science Institute in the summer of 1961, having been recruited by H. T. Odum to establish a phytoplankton ecology program. Chase did not wander very far into ecology, rather he created, around the blue-green algae, an internationally recognized laboratory for algal physiology. Beginning with essentially a bare room, over 25 years Chase built a sophisticated laboratory. Rita O'Donnell joined the lab very early and helped in many ways, including teaching Chase's graduate students secrets of blue-green culture.

Few scientists have the energy for and devotion to laboratory experimentation that Chase did. He worked in the lab every day, usually all day. That is the way his colleagues and students remember him. Being there was the way he taught and learned. It may be that the opportunity to work alongside a master is what brought Chase a steady line of students. Eight Ph.D. and seven M.A. students were supervised or co-supervised by him over a period of 22 years.
His interest in the blue-greens led him into a wonderful variety of scientific studies. The early work at Port Aransas dealt with the nutrition requirements including vitamin B₁₂, nitrogen, phosphorous and major elements. Later as his laboratory matured, Chase made discoveries in quantitative surface plating, lipid composition, mutant production, ultraviolet killing and photoreactivation, nitrogen fixation, trace metal nutrition, and the *Trichodesmium* survival problem. Chase participated in several environmental quality programs that the Institute operated such as the Galveston Bay project, the Bureau of Land Management OCS program, and the Ocean Dumping project. It must be noted that Chase, in the true spirit of science, cooperated with many colleagues in the Institute, in Austin and in the later years, with an international group.

Chase was at home and happy in Port Aransas. He accepted and loved the life-style which the area has to offer. He never mentioned the isolation and absence of cultural events. Just as he built scientific gear for his lab, he spent many weekends maintaining his home, cars and his fishing boat. Chase was a friendly and helpful fishing companion, a close-to-the-chest poker player, and a good citizen.

(Editor’s note: the above tribute was written by P. L. Parker shortly after Chase Van Baalen’s death from lung cancer on January 20, 1986.)

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**Letters to the editor**

- I want to thank you for sending me a copy of the *Lazarette Gazette* — always glad to hear from MSI and its doings. I can understand your feeling of concern in connection with the "Incident on Cotter Street!" Also the item about Cameron and Parker, the Tower & the elevator is priceless. Reminds me of one cold day when I locked myself out in an areaway at Gregory Gym Addition! Should have seen the smug look on the mechanic’s face when he came to let me out. Sincerely, Bill Wilcox.

  (William Wilcox was Director of UT—Austin Physical Plant for many years.)

- Please note a change of address. Send any correspondence to: H. Dickson Hoese, 213 Des Jardin, Lafayette, Louisiana 70507-2611. Thank you. H. Dickson Hoese.

  (H. D. Hoese, Ph.D., 1965)

- Please find enclosed my resume as requested. This is the long version. Nice to talk to you and please keep me posted on what is happening in Port Aransas. Regards, Dave Lane.

  (Passed along to the Editor by Ruth Grundy and from E. David Lane, Ph.D., 1966 — Dave has been "lost" to our mailing list for some time. His address is E. David Lane, Fisheries & Aquaculture, Malaspina University-College, 900 Fifth St., Nanaimo, British Columbia, Canada V9R 5S5.)
Up, Up, and Away

Our visibility on the Web is growing in leaps and bounds. During February, there was an average of 35 visitors to our Web site per day for a total of 979 for the month. This is a 3- to 4-fold increase in activity over our first month online (January). Scott Holt and Lee Fuiman have made a few cosmetic changes and several more will appear in the future. Among the recent changes are improved versions of Tony Amos' tide calendar. The new ones are now larger so that the details can be read. They can be printed directly from the web site.

—Lee Fuiman

A few other sites have recently added pointers to our home page:

Aquatic Network: Home Page
ASLO Home Page
Environmental Sites on the Internet
IMBC Marine Science Internet Resource Database
Infoseek Home Page
LinkStar Internet Directory
Oceanography
http://www.brainiac.com/aquanet
http://www.ngdc.noaa.gov/paleo/aslo/aslo.html
http://www.lib.kth.se/~lg/marine.htm
http://www.imbc.gr/cgi-bin/searchdb2/wwwresources
http://www.infoseek.com/
http://www.linkstar.com/linkstar/
Tide Predictions for March  (For tidal heights at the tide tower, South Jetty, the Aransas Pass. Heights are in feet above or below mean sea level. The shaded area is nighttime. Remember, this is tidal height, not tidal current. Slack water is when the wiggly line crosses the MSL line, not at peaks and valleys, where the tidal current will be a full flood or ebb.)
Weather Report for February 19 — March 3

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<td>AIR TEMP LOW</td>
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<tr>
<td>SEA TEMP LOW</td>
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—I found North Zulch (also). Jane and I tried to watch the UT western style horse riding team with our daughter Jill in competition at College Station Friday and Saturday and our PA boy’s basketball team in regional competition at Brenham on the same days. While burning up the highway trying, rather unsuccessfully, we encountered North Zulch. I remember asking myself, as we drove through the rather unremarkable small community, whatever is it that makes me think I should know something about North Zulch? Preparing the Gunter piece I suddenly remembered. I found North Zulch is a short article by Gunter in his Gunter’s Archives. Gunter certainly is some writer to make a good story from a stop at North Zulch. North Zulch is the second thing I have in common with Gordon Gunter. I too have witnessed a mass exodus of mullet from the old MSI pier (per the masthead and Gunter’s Archives). My school of mullet failed to make it into a publication. Thanks to John Batterton for contributing the great Chase Van Baalen fishing story, especially appropriate for the 50-year anniversary we are celebrating this year. In my official capacity as a member of the administrative staff, I was part of the enemy to Chase. But for many years during the noon hour we would frequently enjoy a friendly game of horse shoes (in the area between the Aransas Pass channel and the MSI cafeteria), along with Bill Behrens and Jack Briggs. After Hurricane Celia and before water service was restored, the Van Baalen residence was the scene of many public baths (in his front yard by garden hose from a shallow well), always accompanied by much good light-hearted humor supplied by Chase.

—John Thompson