

# AQUA Dep't NEWS

Internal Newsletter of the SEAFDEC Aquaculture Department

Vol. XVIII No. 14 April 28, 2003

## Resource persons evaluate online courses

Resource persons of the AquaHealth and AquaNutrition Online and representatives of the University of the Philippines Open University (UPOU) met from April 23 to 24 at TMS to evaluate the online courses that were offered for the first time last year, in preparation for this year's implementation.

The meeting discussed: (1) UPOU evaluation report, (2) summary of students' evaluation, and (3) proposed revisions of the course material.

TID Head Pastor Torres, Jr. and UPOU representatives Maria Lurenda Suplido and Nikki Tolentino attended the activity. Also present were resource persons Celia Torres,



*Participants of the online courses evaluation meeting*

Gilda Po, Leobert dela Peña, Eleonor Tendencia, Erlinda Lacierda, Gregoria Pagador, Romeo Caturao, Elena Catap, and Kazuya Nagasawa for AquaHealth Online and Relicardo Coloso, Mae Catacutan,

Nelson Golez, Myrna Teruel, Veronica Alava, and Nerissa Salayo for AquaNutrition Online.

AquaHealth Online will start on June 2 and will end September 12; AquaNutrition Online will be in July.

## Training course on crab seed production starts

Six participants reported on the first day of the training course on crab seed production on April 23.

They were: Jerry Mae Humilde, Eleuterio Solima, Manuel Sabillo, Diomedes Pamalaran, Nonita Cabacaba, and Eleno Evangelista. (More are expected to join the course shortly).

The objective of the course is to provide participants with technical knowledge and skills on crab seed production (with emphasis on *Scylla serrata*) so that they can establish or operate a crab hatchery. At the



*Dr. Emilia Quintio lectures on crab seed production*



*mudcrab*

end of the course, the participants must be able to produce crab larvae and juveniles by applying proper

broodstock management, produce natural food for crab larvae, and apply larval and nursery to page 2

## SEAFDEC Deputy Secretary General visits AQD

SEAFDEC Deputy Secretary General/Deputy Chief of Training Department Junichiro Okamoto visited AQD on April 21 to discuss projects in the SEAFDEC Special 5 Year Program.

Being the first visit of Okamoto to TMS, AQD Chief Dr. Rolando Platon and RD Head Clarissa Marte briefed him on the programs, projects, and activities of the Department. Dr. Kazuya Nagasawa (new Fish Diseases Expert) joined them in touring the AQD facilities.

Some of the facilities Okamoto visited were the newly completed Enclosed Wet Laboratory Complex, Integrated Broodstock Hatchery, Fish World, and the Biotech Laboratory (also newly completed) at the second floor of the Nutrition Building.



*Fish diseases expert Dr. Kazuya Nagasawa, SEAFDEC Deputy Secretary General Junichiro Okamoto, and AQD Chief Dr. Rolando Platon.*

*The visitors tour the aquaculture facilities and equipment of the Integrated Broodstock Hatchery (top) and Enclosed Wet Laboratory Complex (middle). Deputy Secretary General Junichiro Okamoto checks out the shell collection at Fish World (bottom).*

*Training course... from page 1*

rearing techniques.

The training course was developed as part of AQD's commitment to disseminate appropriate aquaculture technologies that would benefit

fishfarmers, aquaculture hatchery operators and technicians, and aquaculturists.

The training course will end May 22. Course coordinator is Joel Garcia.

*"It is no profit to have learned well, if you neglect to do well."*

*- Publilius Syrus*

# New fish disease expert arrives at AQD



Nagasawa

AQD has a new partner in Kazuyua Nagasawa (fish parasite and diseases expert from the Government of Japan), replacing interim Yasuo Inui in the implementation of the Regional Fish Disease Projects beginning April 14.

Nagasawa is from Kusanagi,

Shizouka, Japan. He is a graduate of Aquaculture at Tokyo University of Fisheries, and received his Master's and Ph.D. degrees in Fisheries (fish parasitology) from the University of Tokyo.

Nagasawa is the Director of Nikko Branch, National Research Institute of Aquaculture, Fisheries Research Agency, Japan. He also served as Researcher at the Department of Fisheries Management, Hokkaido Fisheries Experimental Station; Chief Scientist, Salmon Ecology and Ecosystem Sections, North Pacific Resource Division, National Research Institute of Far Seas Fisheries (NRIFS); Head, Planning and Coordination Section, NRIFS; and International Research Coordinator for Marine Biology.

He authored and co-authored 137 original papers, 39 review pa-

pers, 21 books, 90 reports, and 73 scientific essays. He is also a member of five international academic societies and groups. He has been the Editor-in-Chief for the *International Ichthyoparasitological Newsletter* and a member of the Editorial Board of the academic journals *Fish Pathology* and *Journal of Marine Biological Association of the United Kingdom*.

His principal task at AQD is to plan, manage and promote the Regional Fish Disease Projects funded by the Trust Fund of the Japanese Government and develop fish disease diagnostic inspection methodologies for artificially bred seeds. His tour of duty is two years (with extension possibility).

Nagasawa is 50 years old, married, and has three children.

From AQD family, welcome!

## AQD provides training ground for students



On-the-job-trainees (OJT) from different schools around the country (71 and more to come) will be familiar faces in the vicinity of TMS this April and May.

As of April 23 these students were assigned to the different sections and units at AQD, namely: Feed Development, Crustacean Hatchery, Breeding Section, Natural Food Laboratory, Abalone Hatchery, Farming Systems and Ecology Section, Central Analytical Laboratory, Fish World, Microtechnique Service

Laboratory, Biotech Laboratory, Fish Health Section, Seaweed, Seahorse, Mudcrab, Databank, Library, and Clinic.

There are 29 high school students (five doing their thesis) and 42 college students (practicum) in this year's batch of OJTs.

They come from the following schools: (1) Mindanao State University (MSU), Marawi; (2) MSU, Naawan, Misamis Oriental; (3) University of San Agustin, Iloilo City; (4) Philippine Science High School, Iloilo City; (5) University of the Philippines High School in Iloilo; (6) Cagayan State University, Aparri, Cagayan; (7) University of the Philippines in the Visayas, Miag-ao, Iloilo; (8) Zamboanga State College of Marine Science and Technology; (9) Central Luzon State University, College of Fisheries, Muñoz, Nueva Ecija; and (10) Southern Iloilo Poly-

technic College – Western Visayas College of Science and Technology. The practicum students are either taking up BS Fisheries (Aquaculture), BS Chemistry, or Associate in Information Technology.

As part of its program, AQD accepts undergraduate students for on-the-job training (maximum of 400 hrs) as requirement for graduation. Applicants are screened on the basis of application forms, endorsement of the college dean, and availability of a research laboratory to accommodate the practicum trainee.

Rosenio Pagador is the OJT facilitator.

*Take a rest; a field that  
has rested gives a  
bountiful crop.*

- Ovid

# AQD scientist shares expertise with IFS



Dr. Jurgenne Primavera attended the Scientific Advisory Committee (SAC) meeting of the International Foundation for Science (IFS) for the Aquatic Resources Area at the De-

partment of Animal Science, Wageningen Agricultural University, Netherlands from April 10 to 14.

Earlier, she was selected as member of SAC. SAC screens and approves research proposals submitted to IFS for funding.

IFS grantees conduct researches restricted to the fields of management, use and conservation of biological resources, and the environment in developing countries.

Primavera was chosen as member of SAC because of her vast experience in scientific research.

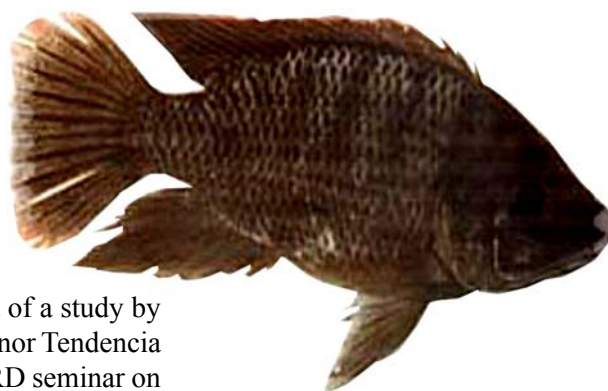
IFS is a non-governmental research council based in Netherlands that supports promising young scientists from developing countries through competitive grants.

## Tilapia biomass to control luminous bacteria determined

A tilapia biomass of at least 300 g/m<sup>3</sup> effectively inhibits the growth of luminous bacteria in shrimp culture with biomass of 80 g/m<sup>3</sup>, after two weeks.

This was the result of a study by AQD researcher Eleonor Tendencia presented during an RD seminar on April 24. At a higher tilapia biomass, i.e. 500 g/m<sup>3</sup>, luminous bacteria was inhibited after one week.

Disease due to luminous bacteria is a continuing problem of the shrimp industry. Various methods have been tried to control the disease.



This study appears to validate an industry practice of integrating fish culture in a shrimp production system, popularly known as the greenwater system.

### Roundup

#### Conferred

**Mae R. Catacutan**, Scientist I (Feed Development Section), Doctor of Philosophy in Fisheries Science, Kagoshima University on February 28.

#### Early retirement

##### **Analyn Asutilla**

Laboratory Assistant, Central Analytical Laboratory, effective April 15

##### **Rolando Silvela**

Driver, MESU, Engineering Section, effective June 1

##### **Rodolfo Dagohoy**

Driver, MESU, Engineering Section, effective April 30

##### **Eutiquio Lusung**

Carpenter, CWU, Engineering Section effective February 1

### Did you know?

Your bones act as a calcium store - if you don't get enough in your diet your body will extract what it needs from your bones leaving your bones brittle!

Over 157 diseases are caused by calcium deficiency!

**AQUA DEP'T NEWS** is published weekly by DEVCOM, TID at the Tigbauan Main Station. **Editor this issue:** SM Wee; **Circulation:** E Gasataya; **Photography:** R Buendia (*unless otherwise credited*)