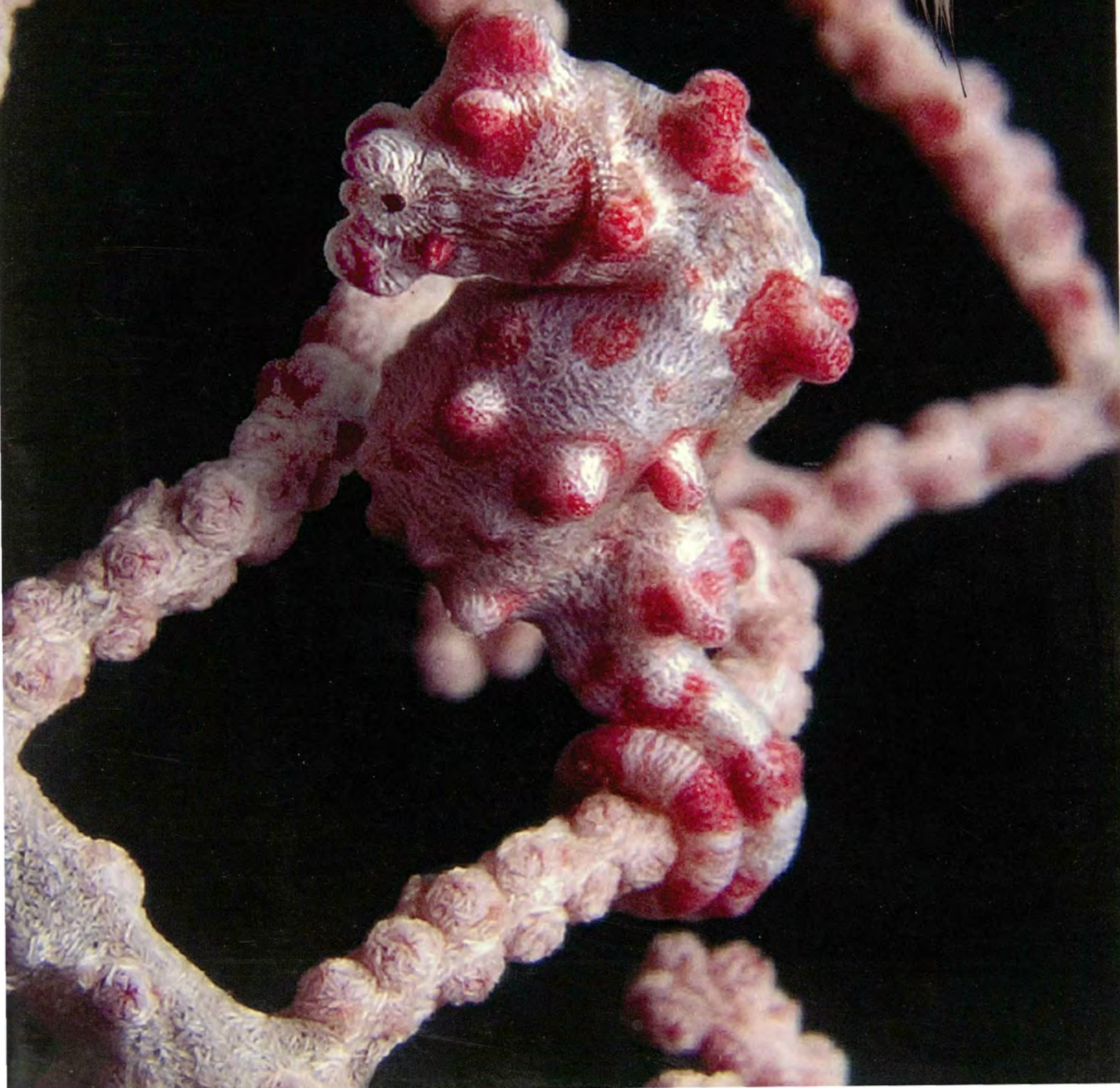




Paradise

inflight with air niugini

VOL 2, 2006



International Trade Services for Business Customers

*At Bank South Pacific
we understand the issues
associated with overseas trade
and can help your business
in many ways*



Bank South Pacific's short term trade finance for exporters and importers is available for periods up to 180 days.

Depending on your circumstances, we have the flexibility to provide finance in either PNG Kina or major foreign currencies. Short term trade finance can provide a stronger and more flexible cash flow for your business.

We are here to help

Your Bank South Pacific relationship manager will discuss your business plans and needs ... and if required, call on the services of our international business specialists. With our help, you can develop strategies.



Bank South Pacific
www.bsp.com.pg

Access our international services to make your overseas business dealings easier and more efficient by calling one of our relationship managers in Port Moresby on 325 5999 or Lae on 472 7115

Only a nationally owned bank like BSP understands PNG banking needs

Work smarter and faster with Daltron!

Did you know that Daltron has been servicing PNG since 1977?
As PNG has grown so have we!



The world of Information Technology is rapidly changing. Don't be left behind!

At Daltron, you and your business will be kept up to date with the latest in Information Technology. With a team of certified staff and using today's technology, Daltron will help you and your organisation achieve your goals quickly and efficiently.

As the leading HP Authorised Reseller, we can help tailor solutions for your business to:

- Increase productivity with information sharing between you, your colleagues and clients.
- Manage time, resources and keep costs low.
- Supply and provide warranty service for HP servers, notebooks, PCs and printers.
- Have HP Accredited and certified technicians service and maintain your HP products.

To find out more about superior business solutions with Daltron please call 302 2200 or email sales@daltron.com.pg

Registered Reseller



» Desktops & Servers
» Notebooks
» Monitors & Projectors
» Entertainment Accessories

» Mobile Phones
» HR & I.T. Training
» Business Applications
» Internet

DALTRON
L Cameron Road, Waigani P 302 2200 F 325 6558 W www.daltron.com.pg

» Printers & All-in-ones
» Fax, Copiers & Scanners
» Digital Cameras
» Consumables

» Outsourced I.T. Support
» Facilities Management
» Disaster Recovery
» Storage

Chairman's Message

Papua New Guinea is a unique destination to promote. As a promotion and marketing exercise, Air Niugini is finding that its international presentation of the country's unrivalled range of attractions is producing a steady increase of bookings from travellers intent on experiencing directly for themselves what they read and see in travel brochures, guides, television documentaries and ever more so, on PNG websites.

Need we mention the list of things to see and do in Papua New Guinea? The 800 cultures, unique wildlife, the stunning underwater world around our coasts, dramatic landscapes, the battlegrounds?

One of our feature stories in this edition is on Port Moresby, the nation's capital. The city is the first experience of Papua New Guinea that nearly all our arriving visitors have. The South Pacific's largest city is a microcosm of PNG and fluctuates from the hustle of commercialisation to the quietness of a country town.

A leading businessman and long-time resident of Port Moresby for 30 years remarks in this edition of *PARADISE* magazine that there is no point looking at Port Moresby through "rose coloured glasses." But does the city deserve the reputation it is draped with?

In this edition, we bring you a balanced view of Port Moresby. There is a lot going for it, visitors will find if they care to set preconceptions aside and explore the city sensibly.

In other pages of *PARADISE*, you will meet Papua New Guinea's extraordinary pink seahorse, that is, if you can detect them in their normal habitat. You will read about the remarkable value of the agar tree and the prosperity it could bring our forest dwellers and Papua New Guinea's role in preserving some of Earth's most ancient creatures, the majestic but imperilled Leatherback turtle.

We welcome you aboard our Bird of Paradise flight and thank you for flying with Air Niugini.

Jim Tjoeng, OBE
Chairman

75th ANNIVERSARY OF INVESTING IN PNG

Oil Search Limited was incorporated in PNG on January 17, 1929, and began a systematic search for oil and gas in the country.

Being severely capital constrained, Oil Search successfully introduced a number of large companies to the exploration effort, and in 1938, the Australasian Petroleum Company (APC) was born, comprising a joint venture between Oil Search, Standard Vacuum New Jersey (Mobil) and Anglo Iranian (BP), each group holding one third equity.

APC was the dominant explorer in PNG for almost 40 years. Oil Search's and APC's exploration activities through the 30s, 40s & 50s were unsuccessful, with a number of small gas discoveries made from an investment equivalent to hundreds of millions of dollars.

Activities centred on PNG's southern lowlands, known as the Foreland. The prospective Highlands fold belt, which displayed large surface anticlines, was practically inaccessible for drilling operations.

Using heavy lift helicopters in the late 1950s and 1960s opened up the area to more intrepid geologists.

The primary exploring group then, led by BP and Gulf/ Chevron were close to ceasing activities when, following a major gas discovery at Hides; oil was discovered at Kutubu in 1986. This led to the development of the Kutubu oilfield.

Oil Search Limited's election as operator in 2003, and the acquisition of ChevronTexaco's PNG assets, together with the merger with Orogen Minerals in 2002, has taken the company full circle to where it once again has the dominant role in all major fields and prospects in PNG. We are responsible for PNG's oil production and export.

Oil Search now has the financial strength and the asset base - not thought possible by the original promoters in 1929.

Oil Search is now embarking on what will be the biggest resource project ever to occur in PNG - the PNG Gas Project which comprises the piping of gas from the PNG Highlands over 2,000 kilometres to markets in Australia, and is also looking at other initiatives to commercialise its vast gas resources.

2005



OIL SEARCH LIMITED

P.O. Box 842, Port Moresby, Papua New Guinea Tel:(675) 322 5599 Fax:(675) 322 5566 Web:www.oilsearch.com



Paradise is the complimentary inflight magazine of Air Niugini, Papua New Guinea's international airline. It is published six times a year by Islands Business International.

Publisher
Robert Keith-Reid

Managing Director
Godfrey Scoullar

Group Editor-in-Chief
Laisa Taga

Design
Stanley Prasad

Editorial Consultant
Eva Arni

Advertising & Marketing Manager
Sharron Stretton

Islands Business International
GPO Box 12718, Suva, Fiji Islands
Tel: +679 330 3108
Fax: +679 330 1423
E-mail: advert@ibi.com.fj

Correspondence to the airline to:
The Chief Executive Officer
Air Niugini
PO Box 7186
Boroko, NCD, Papua New Guinea
Tel: +675 327 3498
Fax: +675 327 3350

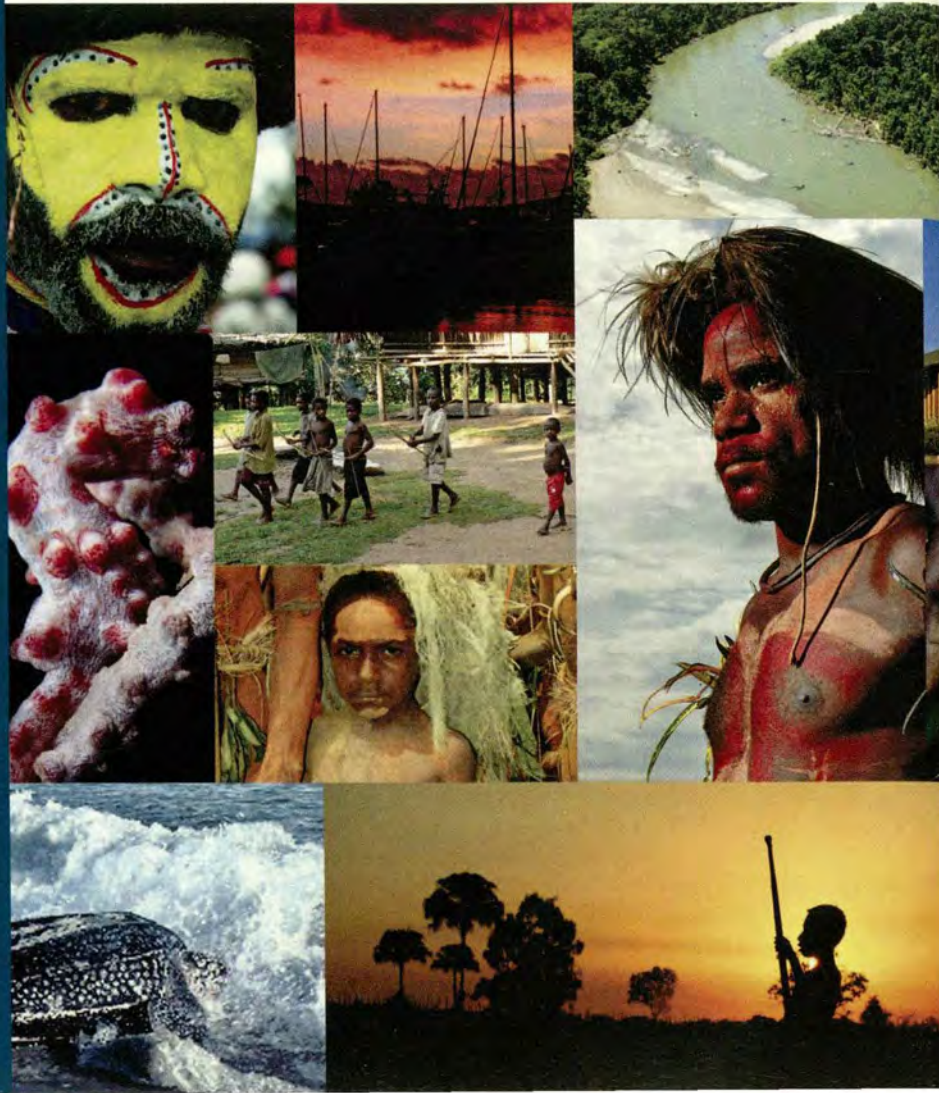
Editorial correspondence to:
Paradise Inflight Magazine
PO Box 12718, Suva, Fiji Islands
Tel: +679 3303 108
Fax: +679 3301 423
E-mail: editor@ibi.com.fj

Printing
Inprint Pty Limited
Cnr Bilsen & Zillmere Roads
Boondall, Queensland, 4034
Australia

Unsolicited manuscripts, artwork, transparencies and photographs are submitted at the sender's risk. While all care will be taken neither the publishers nor the airline will accept responsibility for accidental loss or damage. No part of this publication may be reproduced without the written permission of the publisher. Statements, opinions and points of view expressed by the writers are their own and do not necessarily represent those of the publisher, editor, or the airline. Information contained in this publication may be correct only at the time it was originally obtained by the writers and may be subject to change at any time and without notice.

CONTENTS

Port Moresby The Unreported Side of the Capital	14-23
Pink Pygmy Seahorses The Little Wonders of the Deep	25-29
Malahang From Airstrip to Industrial Centre	31-32
Goroka The Land of Smiles	36-44
The Sepik Getting 'Nambawan' Treatment	46-53





The Perfumed Forests
A Discovery of Excitement

54-58

Saving the Leatherbacks
The Mightiest of the Sea Turtles

59-61

The Crocodile
An Important Piece of PNG's Literature

62-63

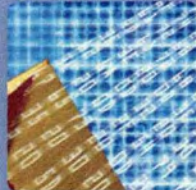
Doing PNG Proud
Captain Granger Narara Test Flies Airbus A380

64-66





Saves you money
Makes you money
That's our bottom line



To learn how PRONTO-Xi can help your business prosper and grow, contact Pronto Software.

Phone: +61 7 3377 1177
PNG-Sales@pronto.com.au
www.pronto.com.au

349 Coronation Drive
Milton, Queensland 4064
AUSTRALIA



Worldwide Contacts

Let Air Niugini show you the world....



International Offices

Air Niugini PX Offices

Australia Wide

Local call: 1300 361 380

Sydney

Somare House
100 Clarence Street
PO Box 5293
Sydney NSW 2001
Australia
Tel: (61 2) 9290 1544
Fax: (61 2) 9290 2026
Email: sales.sydney@airniugini.com.pg

Brisbane

Level 4
99 Creek Street
GPO Box 2216
Brisbane QLD 4001
Australia
Tel: (61 7) 3221 1544
Fax: (61 7) 3220 0040
Email: sales.brisbane@airniugini.com.pg

Cairns

Ground Floor
Cairns Corporate Tower
15 Lake St.
Cairns QLD 4870
Australia
Tel: (61 7) 4031 1611
Fax: (61 7) 4031 3402
Email: sales.cairns@airniugini.com.pg

Manila

3rd Floor
Fortune Office Building
160 Legaspi Street
Legaspi Village, Makati City
Philippines
Tel: (63 2) 891 3339 /40 /41
Fax: (63 2) 891 3393
Email: sales.manila@airniugini.com.pg

Singapore

101 Thomson Road
#11-03 United Square
Singapore: 307591
Tel: (65) 6250 4868
Fax: (65) 6253 3425
Email: airng.sg@pacific.net.sg

Tokyo

6th Floor Chiyoda Kaikan
1-6-17 Kudan Minami
Chiyoda-Ku
Tokyo, 102-0074
Japan
Tel: (81) 3 5216 3555
Fax: (81) 3 5216 3556
Email: info@air-niugini.co.jp
Website: www.air-niugini.co.jp

Air Niugini GSA Offices

Auckland/Fiji/Cook Islands

Level 9
52 Swanson Street
Auckland 1001
Tel: (64) 9379 3708
Fax: (64) 9302 2420

Frankfurt

Pacific Dream
Tel: (49) 6963 4095
Fax: (49) 6963 1332
Email: sales.frankfurt@airniugini.com.pg

Hong Kong

Niugini Travel Service
Tel: (85) 2 2524 2151
Fax: (85) 2 2526 7291

Honiara

Guadalcanal Travel Service
Tel: (67) 720 336
Fax: (67) 723 887
Email: kevin@gts.com.sb

Italy

Spazio Srl
Tel: (39) 6482 0280
Fax: (39) 6488 0862
Email: sales.rome@airniugini.com.pg

Jakarta

P.T. Ayuberga
Tel: (62) 21 835 6214 - 217
Fax: (62) 21 835 3937

Kuala Lumpur

Abadi Aviation Services
Tel: (60) 3242 4311
Fax: (60) 3241 2322

Los Angeles

PNG Tourism
Tel: (1) 949 752 5440
Fax: (1) 949 4716 3741
Email: sales.usa@airniugini.com.pg

Port Vila

Vanuatu Travel Services Ltd
Tel: (67) 822 2836
Fax: (67) 823 3583

Seoul

Sharp Inc
Tel: (82) 2734 7100
Fax: (82) 2734 7108

Stockholm

Discovery Leisure Group AB (DLG)
Tel: (46) 8651 7410
Fax: (46) 8653 8030
Email: sales.stockholm@airniugini.com.pg

Taipei

Cha May Travel Service
Taipei, Taiwan
Tel: (88) 6 2500 7811
Fax: (88) 6 2500 7970

United Kingdom

Flight Directors
Tel: (44) 0870 24 00 767
Fax: (44) 0870 24 02 208
Email: airniugini@flightdirectors.com



Air Niugini

Air Niugini Fleet

Nobody Knows Papua New Guinea like Air Niugini!



B767-319ER

Aircraft type	Length	Wing Span	Power Plant	Cruising Speed	Normal Altitude	Std Seating capacity	Range*
B767-319ER	59.94m	47.57m	2 General Electric	857kph	11,000 -12,000m	230 + bags	8100km

F100



Aircraft type	Length	Wing Span	Power Plant	Cruising Speed	Normal Altitude	Std Seating capacity	Range*
F100	35.528m	28.076m	2 Rolls Royce Tay 650	780kph	11,000m	98 Pax + Bags	3000km



F28-4000

Aircraft type	Length	Wing Span	Power Plant	Cruising Speed	Normal Altitude	Std Seating capacity	Range*
F28-4000	29.61m	25.07m	2 Rolls Royce	750kph	9,000m	74 + bags	1600km

DHC-8-202



Aircraft type	Length	Wing Span	Power Plant	Cruising Speed	Normal Altitude	Std Seating capacity	Range*
DHC-8-202	22.25m	25.89m	2 Pratt & Whitney	550kph	7600m	36 Pax + Bags	1700km

Welcome Aboard

We ask that you acquaint yourself with the following features of our service...

Takeoff and landing

Ensure that your seat is in the upright position during takeoff and landing. Folding tables must be returned to their original position in the seat back or the armrest.

Safety first

Your seatbelt must be securely fastened during takeoff and landing or whenever the seatbelt sign is on. When the seatbelt sign is off you may move about the cabin as necessary. However, while seated, keep your seatbelt fastened securely in case of unexpected turbulence.

Smoking

Smoking is not permitted on any Air Niugini flight.

Before you leave

Please check your seat pocket before you disembark to ensure you have not left any items of value.

Entertainment

A movie and a selection of music including classical, modern, country and local are available on international services. Programmes can be found in the inflight entertainment section of this magazine.

Hand luggage

Please ensure that your luggage is placed in the overhead locker or under the seat in front of you.

Pillows and blankets

On international flights, pillows and blankets are available on request from cabin attendants.

Children and babies

Our flight attendants will provide a Paradise Kit that includes a colouring book and pencils, games and puzzles. The flight attendants will also be pleased to assist in preparing your baby's food and bottle. Baby food and diapers are available on international flights.

Electronic equipment

Cellular telephones, TV receivers or radio controlled devices are not to be used at any time on board an aircraft. Electronic devices such as portable computers, compact discs or cassette players and video games can be used only when the seatbelt sign is switched off.



Air Niugini

Medical information

In Flight Health Tips and Exercises

Your Health In-Flight

At Air Niugini we care about your comfort and safety. We have included the following information about your health in-flight that we hope you will find helpful and useful. When you are flying you can be seated and inactive for long periods of time. The environment can be low in humidity and pressurised up to an altitude of 2240 metres above sea level. Unlike other forms of transportation, air travel allows for rapid movement across many time zones, causing a disruption to the body's "biological clock". Although these unique factors do not pose a health or safety threat to most passengers, there are guidelines you can follow that will improve your comfort level, during and after a flight. We hope the following recommendations will help you have a more pleasant flight today and in the future.

Blood Circulation/Muscle Relaxation

When you're sitting upright in a stationary position for a long period of time, several things can happen:

- The central blood vessels in your legs can be compressed, making it more difficult for the blood to get back to your heart.
- The long inactivity of your body muscles in this position can result in muscle tension, back aches or a feeling of excessive fatigue during, or even after, your flight.
- A stationary position inhibits the normal body mechanism for returning fluid to your heart, and gravity can cause the fluid to collect in your feet. This results in swollen feet after a long flight.
- Studies have concluded that prolonged immobility may be a risk factor in the formation of clots in the legs (DVT - deep vein thrombosis). Particular medication and medical conditions may increase the risk of formation of clots if associated with prolonged immobility. Medical research indicates that factors which may give you an increased risk of blood clots in the legs include:
 - increasing age above 40 years
 - pregnancy
 - former or current malignant disease
 - blood disorders leading to increased clotting tendency
 - personal or family history of DVT
 - recent major surgery or injury, especially to lower limbs or abdomen
 - oestrogen hormone therapy, including oral contraceptives
 - immobilisation for a day or more

- dehydration
- heart failure
- trauma
- varicose veins
- obesity
- tobacco smoking

Recommendations:

- If you fall into any of these categories or you have any concern about your health and flying, Air Niugini recommends you seek medical advice before travelling.
- While in flight, move your legs and feet for three to four minutes per hour while seated and move about the cabin occasionally, if conditions allow.
- Doing light exercises as depicted in the sketches below may be effective in increasing the body's blood circulation and massaging the muscles.

Jetlag

The main cause of jetlag is travelling to different time zones without giving the body a chance to adjust to new night-day cycles. In general, the more time zones you cross during your flight, the more your biological clock is disturbed. The common symptoms are sleeplessness, tiredness, loss of appetite or appetite at odd hours.

We recommend that you:

- Get a good night's rest before your flight
- Arrive at your destination a day or two early, if possible, to give your body a chance to become more acclimatised to the new time zone.
- Fly direct to minimise flight time, when possible. This allows you to relax more upon arrival.
- Leave your watch on home time if you're staying at your destination less than 48 hours. Also try to eat and sleep according to your home time.
- Change your watch to the local time if your stay is longer than 48 hours, and try to eat and sleep in accordance with the local time.

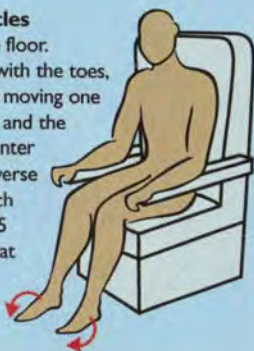
On longer stays, try to prepare in advance for your destination with its different time zone; adjust your meal and rest times to be closer to those of your destination.

In Flight Workout

These exercises are designed to encourage a safe way to enjoy movement and stretch certain muscle groups that can become stiff as a result of long periods sitting. They may be effective in increasing the body's blood circulation and massaging the muscles. We recommend you do these exercises for three or four minutes every hour and occasionally get out of your seat and walk down the aisles if conditions allow. Each exercise should be done with minimal disturbance to other passengers. None of the following should be performed if they cause pain or can not be done with ease.

1. Ankle Circles

Lift feet off the floor. Draw a circle with the toes, simultaneously moving one foot clockwise and the other foot counter clockwise. Reverse circles. Do each direction for 15 seconds. Repeat if desired.



2. Foot Pumps

This exercise is in three stages:
(i) Start with both heels on the floor and point feet upward as high as you can.
(ii) Put both feet flat on the floor.
(iii) Lift heels high, keeping balls of the feet on the floor. Continue these three stages with continuous motion at 30 seconds intervals.



Medical information

In Flight Health Tips and Exercises

- Try some light exercise - go for a brisk walk, or do some reading if you can't sleep after arrival at your destination. It generally takes the body's biological clock approximately one day to adjust per time zone crossed.

Cabin Humidity/Dehydration

Humidity levels of less than 25 percent are common in the cabin. This is due to the extremely low humidity levels of outside air supplied to the cabin. The low humidity can cause drying of the nose, throat, eyes and it can irritate contact lens wearers.

We recommend that you:

- Drink water or juices frequently during the flight
- Drink coffee, tea and alcohol in moderation. These drinks act as diuretics, increasing the body's dehydration.
- Remove contact lenses and wear glasses if your eyes are irritated.

Use a skin moisturiser to refresh the skin.

Eating and Drinking

Proper eating and drinking will enhance your comfort both during and after your flight.

We recommend that you:

- Avoid overeating just prior to and during the flight. It is difficult to digest too much food when the body is inactive.
- Drink coffee, tea and alcohol in moderation. These drinks act as diuretics, increasing the body's dehydration.

Cabin Pressurisation

It is necessary to pressurise the outside air drawn into the cabin to a sufficient density for your comfort and health. Cabins are pressurised to a maximum cabin altitude of 2440 metres. It is the same air pressure as

if you were at an elevation of 2440 metres above sea level. The cabin pressure and normal rates of change in cabin pressure during climb and descent do not pose a problem for most passengers. However, if you suffer from upper respiratory or sinus infections, obstructive pulmonary diseases, anaemias or certain cardiovascular conditions, you could experience discomfort. Children and infants might experience some discomfort because of pressure change during climb

and descent.

If you are suffering from nasal congestion or allergies, use nasal sprays, decongestants and antihistamines 30 minutes prior to descent to help open up your ear and sinus passages. If you have a cold, flu or hayfever, your sinuses could be impaired. Swollen membranes in your nose could block your eustachian tubes - the tiny channels between your nasal passages and your middle ear chamber. This can cause discomfort during changes in cabin pressure, particularly during descent.

Recommendations:

- If you have a pre-existing medical condition that warrants supplemental oxygen, you can order from us. Please give at least seven days notice before travelling.
- To "clear" your ears try swallowing and/or yawning. These actions help open your eustachian tubes, equalising pressure between your middle ear chamber and your throat.
- When flying with an infant, feed or give your baby a dummy during descent. Sucking and swallowing will help infants equalise the pressure in their ears.

Motion Sickness

This ailment is caused by a conflict between the body's sense of vision and its sense of equilibrium. Air turbulence increases its likelihood because it can cause movement of the fluid in the vestibular apparatus of the inner ear. If you have good visual cues (keeping your eyes fixed

on a non-moving object), motion sickness is less likely to occur.

Recommendations:

- When weather is clear and you can see the ground, sea or horizon, you are less susceptible to motion sickness.
- You can buy over the counter medications but we recommend that you consult your doctor about the appropriate medications.

With thanks to Qantas and the Boeing Corporation for allowing us to reproduce this material.

3. Knee Lifts

Lift leg with knee bent while contracting your thigh muscle. Alternate legs. Repeat 20-30 times for each leg.

4. Neck Roll

With shoulders relaxed, drop ear to shoulder and gently roll neck forward and back holding each position about five seconds. Repeat five times.

5. Knee to Chest

Bend forward slightly. Clasp hands around the left knee and hug it to your chest. Hold stretch for 15 seconds. Keeping hands around the knee, slowly let it down. Alternate legs. Repeat 10 times.

6. Forward Flex

With both feet on the floor and stomach held in, slowly bend forward and walk your hands down the front of your legs toward your ankles. Hold stretch for 15 seconds and slowly sit back up.

7. Shoulder Roll

Hunch shoulders forward, then upward, then backward, then downward, using a gentle circular motion.



Air Niugini

FORWARD MINING



For Caterpillar and
Hastings Deering it's
more than just words.

It's a way of doing business.

It comes through in every idea,
every Cat product, every product
support solution we can provide.

Together we
innovate,
lead, move
... **FORWARD.**

Hastings Deering



Product People Commitment.

We deliver.

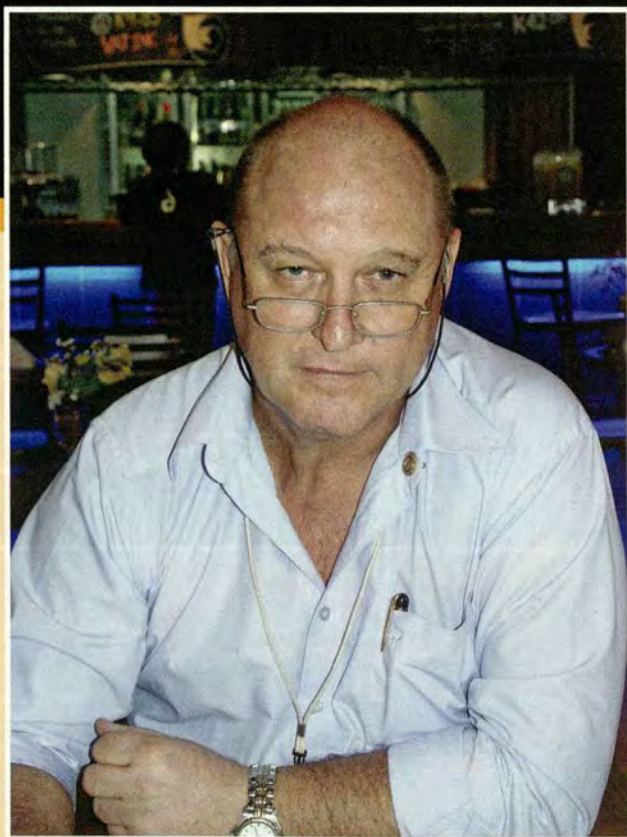


**PORT MORESBY
LAE
TABUBIL
RABAU
LIHIR
KIMBE
HONIARA**

Ph (675) 300 8300 - Fax (675) 325 0141
Ph (675) 472 2355 - Fax (675) 472 1477
Ph (675) 548 9162 - Fax (675) 548 9155
Ph (675) 982 1244 - Fax (675) 982 1129
Ph (675) 986 4105 - Fax (675) 986 4107
Ph (675) 983 5144 - Fax (675) 983 5144
Ph (677) 30 274 - Fax (677) 30 692

PORT

By Robert Keith Reid



"That's nonsense," growls David Conn, a resident of Port Moresby for 30 years who grew up in Glasgow, once one of Britain's toughest cities. "It's really an undeserved reputation."

Conn is one of the 11 members of the Port Moresby municipal council. He is the nominee of the Port Moresby Chamber of Commerce, of which he is president.

He's fiercely defensive of Port Moresby, Papua New Guinea's national capital, which in 2005 had the misfortune to be dumped by an influential British magazine at the bottom of a list of 130 cities, below Lagos, Dhakar and Karachi, as the most difficult place to live in.

So is Peter Loko, as Port Moresby's city manager, controller of a 100-million Kina annual budget and 700 to 800 staff.

Perhaps the city's greatest difficulty, he says, is that too many people don't regard themselves as Port Moresby people, even though they've been living in the city all their lives.

"You ask the question 'where are you from?' It's really interesting. I always try to hear people's reply because my father is from the Gulf and my mother is from the Central province. I was born in Port Moresby and I regard myself as a Moresby boy. You ask someone else that question.



MORESBY

"A person may have been born in Moresby but if his father was born in Goroka, he will say 'I'm from Goroka'. That's the issue. If someone says that, it demonstrates to me that that person has no sense of belonging. That's where pride comes in. He's not proud to be from Port Moresby. That's where the attitude comes in, the litter and all that."

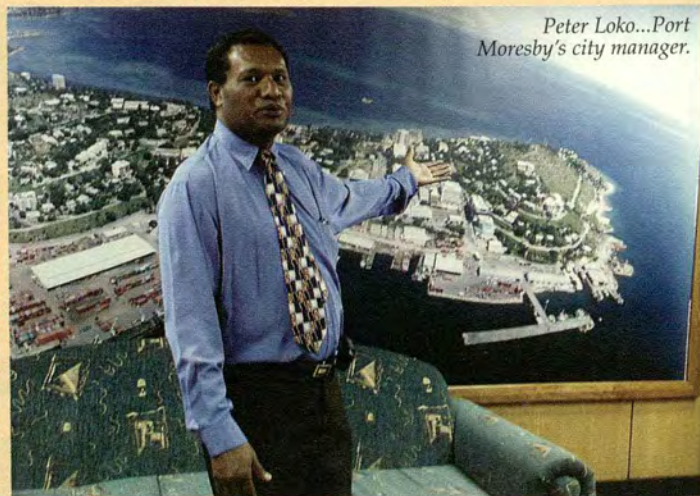
Port Moresby is the South Pacific's largest urban conglomeration. It now probably has at least 400,000 people living in the 240-square kilometre National Capital District as the city council's parish is called.

The council's formal title is the National Capital District Commission (NCDC). Its appointed members consist of representatives of business, women, the churches, landowners, trade unions, the provincial administration and the city's four parliamentary members. The chairman is former Prime Minister Sir Mekere Morauta, one of the city's MPs.

Port Moresby does have a bad reputation and there's some justification for it. But the "worst city in the world?"

In roaming Port Moresby for *PARADISE* magazine for the last two and half years and numerous times before that, this writer's only modest bit of bother arose from a minor traffic accident.

About 400,000 people occupying 240 square kilometres doesn't read as if the city suffers from population pressure, not compared with the great cities of Asia, Africa or South America. But actually, Port Moresby does.



Peter Loko...Port Moresby's city manager.



STEAMSHIPS SHIPPING & TRANSPORT



LAURABADA SHIPPING LIMITED



MARINE ENGINEERING SERVICES



Port Moresby, Lae, Alotau, Popondetta, Rabaul, Kavieng, Kimbe, Madang, Wewak, Kiunga, Lihir

PROVIDING TRANSPORT SOLUTIONS IN PNG



International Shipping

Shipping Agencies

Offshore Support

Coastal Shipping

Stevedoring

Warehousing

Customs Clearance


Harbour & Salvage Tugs

Nationwide Road & Fuel Haulage

Port Services & Slipway Facilities



“Global Coverage, Local Knowledge.”

 **SWIRE SHIPPING**



Papua New Guinea, SE Asia, Middle East, Australia, New Zealand, Pacific Islands, Asia, USA, Europe, Africa

Port Moresby enquiries contact
Marketing Manager - Peter Doring Tel: +675 322 0399
Fax: +675 321 1174 Email: pdoring@steamships.com.pg

Lae enquiries contact
Marketing Manager - Darrell Mackay Tel: +675 472 5444
Fax: +675 472 6233 Email: dmackay@steamships.com.pg

trpncjprnt

The city's spreadout character, with wide open spaces between urban conglomerations connected by a network of mostly good roads, is misleading.

Despite the space, Port Moresby is bursting at the seams. Since 1946, it has roared from a population of just 6000 to 193,212 in 1990, and an estimated 253,000 by 2000.

"I would say we have between 300,000 and 400,000 people," says Loko, who took over as city manager in June 2005 after a 20-year career as a telecommunications engineer.

"It is a bit tricky because people come in every day in boat-loads and plane-loads. People stream in for jobs, excitement, to see relatives, attend school, so every day pressure on the city services grows - water, power, housing, schools, jobs, everything."

This daily growing torrent of humanity is outstripping the city's capacity to cope with the needs of the population.

In January, the NCDC convened a meeting of water, power and telecommunications utilities, the chamber of commerce and Papua New Guinea's active Minister for Community and Social Services, Dame Carol Kidu, to discuss the problems posed by the city's mushrooming settlement areas.

"We addressed the problem from a couple of angles. I made it clear that the NCD can't handle it on its own. We need everyone's help," says Loko.

What came out of the meeting were ideas that are still in the conceptual stages, he says. One is devising a scheme in which people who've moved to Port Moresby and genuinely wish to return home for good could be helped to get there by cheap air and sea travel.

One of Port Moresby's peculiarities is that because of Papua New Guinea's rough terrain, the city is not linked by road with any of the country's other cities, so cheap road transport home is out.

Another proposal is the development of planned legal settlements as replacements for illegal shanty town structures. All these are in the stewing pot, but meanwhile, the city commission is preparing to launch a 10 to 15-year development plan.

Since last year, it has engaged in a road repair, improvement and construction project that will absorb more than K100 million.

In planning for Port Moresby's future growth and the



Busy Port Moresby harbour.

directions this will take, it is critical to engage with local landowners. These are the Motu and Koitabu people, about 30,000 of them, who settled the Port Moresby coastal area about 2000 years ago.

They had the area to themselves until 1873, when a British naval captain, John Moresby, sailed into the city's spacious, well sheltered harbour. He named what became the city Port Moresby and the harbour Fairfax after his father, Admiral Sir John Fairfax Moresby.

The British founded the settlement 15 years later. Electricity lit the town from 1925 and a piped water supply system was turned on in 1941.

Three representatives of the Motu and Koitabu communities are commission members. The support of the two communities is essential for shaping the city's future.

Port Moresby's budget revenue is derived mostly from a general sales tax collected and paid to it by the national government and revenue from rates and business licences.

Thousands of Port Moresby's residents contribute nothing to the city's revenue so the commission is looking at a road users levy, a plastic surcharge, a head tax, an entertainment tax and car parking fees.

The 2006 budget is for K104.4 million. The national government, which occupies buildings in the park-like Waigani area, leaves the commission to get on with its job.

"The government leaves us alone," says Conn. "We don't feel imprisoned by it."

The development plan focuses on options for the growth



Central business district...PNG's very own Bank South Pacific and Moresby Entertainment centre.

of the port area, a light industrial/commercial block in the Gordons district, and an economic development corridor along the coast to the new oil refinery at Napa Napa, on the north side of the harbour.

Conn envisages a lot of housing, business and industrial developments along this corridor, driven by investment in plant for the production of chemical products from gas and oil.

Over the years, as Port Moresby has spread inland, some localities have been known by their distance from the sophisticated downtown area, where the city was born. Six Miles is six miles from downtown. Now the city is seeping out to 8, 9 and 12 miles.

"We've got major urbanisation issues obviously with that flow of population," Conn says. "There is a real need for the problems to be grasped. There are some areas where we need to stop unplanned settlement, some areas where we need to formalise and some areas where we need to relocate.



"There are places where people have been for 40 or 50 years and they're now recognised areas. It's the new areas we have to clamp down on and until we start looking at issues of relocation and do that properly and publicly, we won't really start to address the problem."

Constant reports of crime and violence that plague Port Moresby's image for the worse obscure the fact that despite the massive social and economic challenges presented by the flood of hopeful and expectant people arriving from the rural areas and other towns, the so-called worst city in the world is making advances.

Water cuts are a happening of the past, with the supply now reliable and steady, Conn says.

Electricity supply is still "on the edge" when generators go down but is improving.

Where is Port Moresby?

"That's a good question," Conn says. "I would tend to say that the heart of it is the city area. That is the heart of it historically. We are tidying it up to make it look like the heart of the city. But it's like many hearts, they are not always in the middle."

At his Waigani office, Loko is getting on with the big road programme, long a hot topic.

"Over 100 million Kina is needed to fix the roads. By March we will have spent K24 million since June 2005. This year, we are targeting to spend another K13 million, but we could be spending more. Some roads need complete rehabilitation; some just need a bit of pothole patching."

What do people want done the most? "Roads are one and they are more concerned about the security aspect;



generally walking around the place. People are advised to take the usual precautions. I think sometimes it is overdone, but we try to work closely with the police. In some parts of the city, there is a need to be more careful than in others. But I think it's the same in towns everywhere.

"I think if we clean up the litter, fix the roads and fix the garbage, those small things alone would make a big difference. To me, it's the attitude of the people. It's a challenge, so I really can't complain. But I am positive we can make a difference in Port Moresby."

Let's return to the Scottish tones of Conn for the real low-down on the real Port Moresby. He becomes quite intense about it.

"Who decided on that list? (The scurrilous 130 city one). That's nonsense. The worst place in the world to live? I've spent 30 years of my life here, brought my family up here, a lot of my friends are long-term residents who have been here 10, 15, 20 years. I've a friend who has been here for 45 years. I think it is really an undeserved reputation.

"You talk about the nightlife in Moresby. Probably no one asks about the nightlife because they assume there is none. What a nonsense! I'm not being derogatory, but people who come on short-term contracts haven't been

here long enough to get a feel for the place.

"People who like myself have been here for years have contacts, links, we know how to move, just as you do in any place. There is an unwillingness because of the reputation for short-termers to actually get out and feel the place.

"Of course, it becomes a double one because if they don't get out and feel the place, they go away and say what a terrible place it was.

"We are not looking at Port Moresby through a rose-coloured glass. It is a developing country city, it's got a lot of problems, they manifest as a lot of anti-social activities. If you are not conscious of your behaviour without getting neurotic about it, you could get into bother.

"Anyone coming to Port Moresby for the first time and just wander on the streets - well, they are going to get into trouble in any city in the world.

"There are more than enough people willing to take you around and show you where they go. The expatriates and local people are basically very friendly people."

So that for a change, is a picture of the usually unreported other side of life in Port Moresby.

10 THINGS TO DO IN PORT MORESBY

By Rebecca Byfield

People come from all over the world to dive the famous waters of Papua New Guinea - in Madang, Alotau, Tufi, Kavieng and Kimbe.

For many visitors, the only time spent in Port Moresby is the time taken to change planes. If an overnight stay is required, they hole up in the hotel and never venture beyond the razor wire.

Tales of terror have paved the way before

them and do nothing to entice a lengthy stopover.

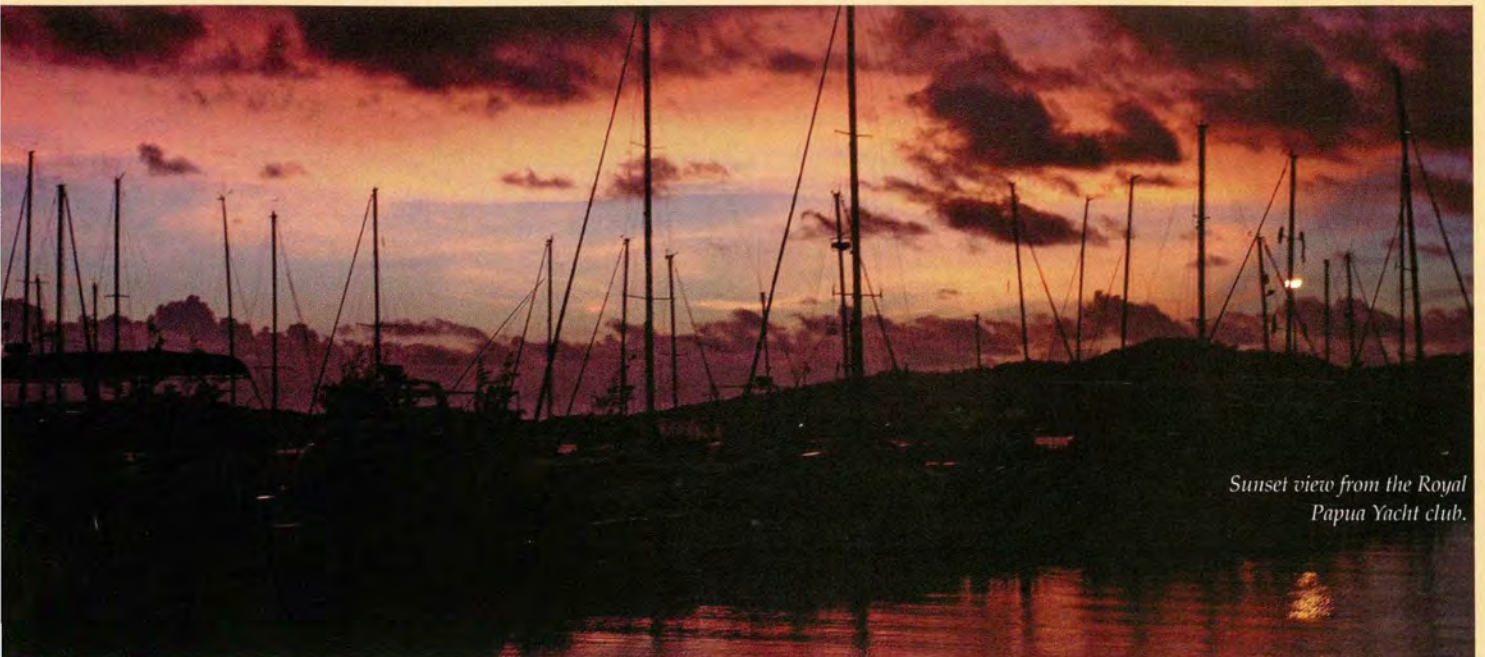
The few brave souls that take the myths with a grain of salt are rewarded with a holiday full of wonder and mystery. Exercise care and caution and you will find the people of Port Moresby friendly and accommodating.

If you are looking for transport in and around the capital, Scarlett Taxis are clean and reliable. Unless you are willing to try your luck with unroadworthy vehicles or roving raskols, it is best to leave the PMVs to the locals.

Here is a list of ten things to do on a stopover in PNG's capital, Port Moresby.

1. Pay a visit to the Royal Papua Yacht Club. The yacht club is a favourite watering hole for expatriates and nationals alike. Built to resemble the traditional spirit house of the Sepik region, the premises are modern,

air-conditioned and comfortable. Make an effort to talk to the locals and they will regale you with stories and ply you with alcohol. Despite the rumours, the expatriate community of Port Moresby are friendly and hospitable - once you break the ice. Enjoy a meal in the a la carte restaurant. Sunsets off the balcony are to die for.



Sunset view from the Royal Papua Yacht club.



Construction Services

Our team can provide a single solution for the design, construction and operation of your facilities.

Take a closer look,
there's more to us
than meets the eye.



ISO 9000 & HACCP certification
Lic QEC11968 & HAC00210
Standards Australia



Hospitality and Facilities
Management Solutions

www.ncs.com.pg

2. Play a round of golf at the golf course. The club is home to an 18-hole course, complete with puk puks (crocodiles) in the waterways. Caddies are cheaply and readily available. The golf course is another great place for a relaxing drink that could last well into the evening.
3. Parliament House is another building built in the spirit house tradition. The K22-million structure was officially opened by Prince Charles in 1984. Visitors can sit in on proceedings, which are conducted in English, Pidgin and Motu - the three official languages of PNG. When parliament is not in session, guests can wander around the impressive building, browse through the bookshop and check out some of PNG's stunning butterfly species.



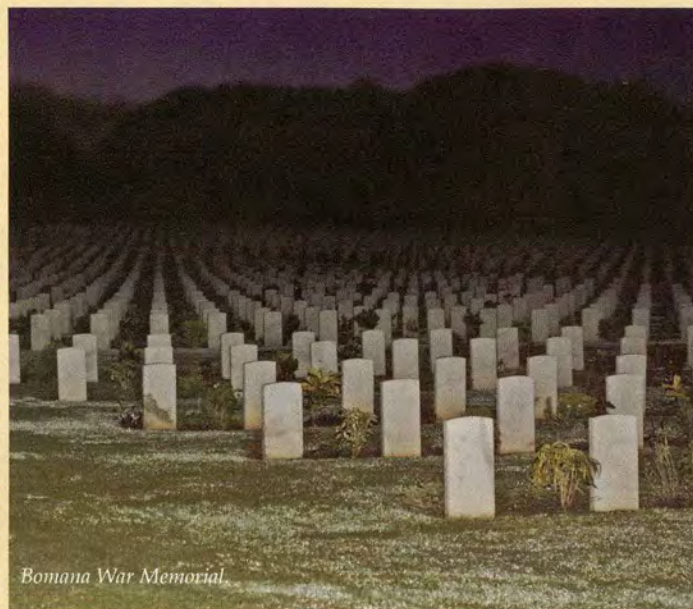
PNG's Parliament House.

4. Right next door to Parliament House is the National Museum and Art Gallery. The building is air-conditioned, though there is no guarantee it will be working. Displays of the national flora and fauna, along with cultural displays can be seen. The museum also outlays PNG's varied and interesting history, geography and ethnography. Carvings from around the country grace the walls.

5. If you are in town on a weekend, get in contact with the Port Moresby Sub-Aqua Club. The local dive club of Port Moresby, POMSAC as it is known, operates out of the yacht club. Guests are welcome to dive with members and will get to explore areas of Port Moresby not frequented by any other dive operation. Plenty of World War Two wrecks dot the harbour and are easily accessible by boat from the marina, including the most famous, the MV Macdui. Details about the club can be obtained through the RPYC.



6. Take a drive out to Bomana War Memorial, a chilling reminder of the human cost of war. The Australian Government tends the 3779 Allied graves. It is a moving tribute to the Australian soldiers that paid the ultimate price of war.



Bomana War Memorial.



The start of the Kokoda Track.

- Further along the road from Bomana War Memorial, you will find the start of the Kokoda Track. A monument to the soldiers who fought in what was arguably the bloodiest and most gruelling battle against the Japanese in WWII marks the beginning of the track. For those that would like to delve further, tours can be arranged to walk the track in its entirety or in part. But be warned - it is not for the



Ela Beach Craft market.

- fainthearted.
- If you find yourself in Port Moresby on the last Saturday of the month, make sure to visit the Ela Beach Craft Market. It is held in the old school grounds opposite the beach and is a melting pot of artistic brilliance. Here you will find all manner of crafts from carvings to bilums and everything



in between. Prices are very reasonable but don't forget to ask for a second price, possibly even a third price. Bring along the camera as cultural dances are always performed, providing brilliant photographic opportunities.

- Relax by the pool at Airways with a cocktail. Perhaps the prettiest of hotels in Port Moresby, Airways is a great place to wile away a few hours with a cool drink. The pool looks out over the airport but also has views over the Owen Stanley Ranges and out across Bootless Bay.
- Port Moresby has an array of international standard restaurants catering to a variety of tastes. In town, there are two Japanese restaurants - Daikoku and Ichizen - along with a number of Chinese restaurants. For fine dining, try the Rapala Grill at Crowne Plaza, Bacchus Restaurant at Airways, or the new Beachside Brassiere at Ela Beach Hotel.



Leaders in manufacturing, and a major employer of Papua New Guineans for over 30 years.

• **K.K. KINGSTON LTD**
www.kingston.com.pg



Commercial and Industrial toilet tissue and hand towels



DAZZLE Range of home and office cleaning products



Plastic bottles, caps and containers in polyethylene, Polypropylene PVC and PET



www.rotomoulding.com.pg



Industrial and Janitorial Detergents. Disinfectants, Sanitisers & Degreasers. Available in 5 litres, 20 litres, 200 litres and 1000 litres.

TUFFA Tanks and Products from Virgin Ultraviolet light stabilised polyethylene



www.kkkingston.com.pg



NEW
 advanced ultra uv polymer for TUFFA TANKS



The Enviro range of Non-Hazardous and Biodegradable industrial cleaners and degreasers

HEAD OFFICE
 Milfordhaven Road
 P.O. Box 1104, Lae
 Ph: 472 2745, Fax: 472 6175
 E-mail: chem_sales@kingston.com.pg

Port Moresby
 Cameron Road
 P.O. Box 6860, Boroko
 Ph: 325 6083, Fax: 325 0728
 E-mail: chem_pom@kingston.com.pg



The Little Wonders
of the Deep

PINK PYGMY SEAHORSES

Text & photographs by Christian Skauge

Diving in the warm, clear waters of Papua New Guinea is something most of us dream about, and to most people nothing could be more exotic than seeing a seahorse.

But would you believe it if someone told you they had seen a pink mini-seahorse with red polka dots?

Pygmy seahorses are found on coral reefs in the tropical parts of the Pacific; Indonesia, Papua New-Guinea, Queensland and New Caledonia. They live on gorgonians or coral sea-fans in the Muricella family.

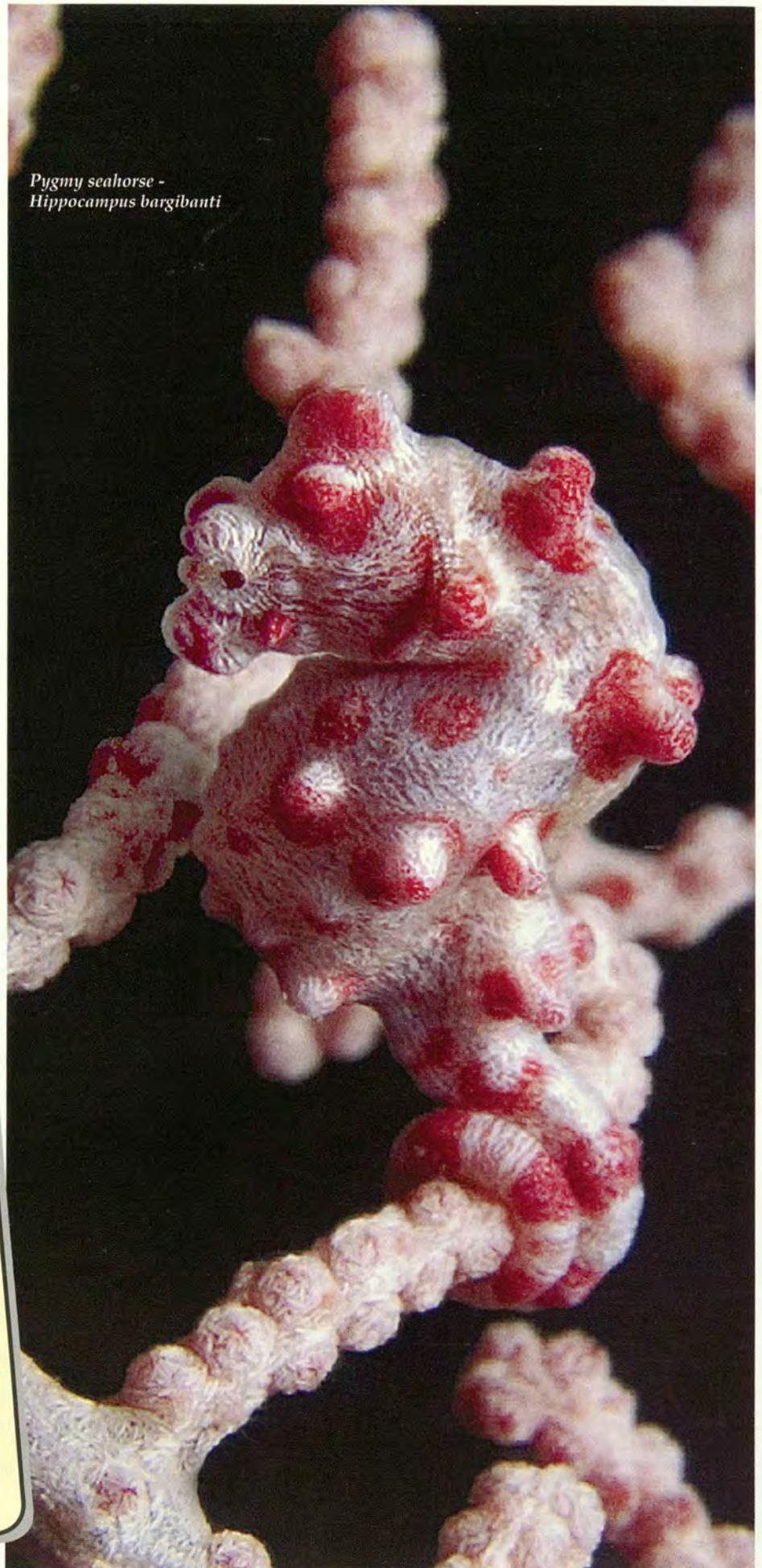
Fully grown, the most common of the pygmy seahorses, the *Hippocampus bargibanti*, reaches 25 mm and the smallest of the species, *Hippocampus denise*, is no bigger than a pinky fingernail.

The pygmy seahorses are probably monogamous and can therefore be found in pairs or clusters of pairs in the sea-fans. Up to 28 pairs have been found in one sea-fan!

FACT BOX

Until now only two species of pygmy seahorses have been described - *Hippocampus bargibanti* and *Hippocampus denise*. They grow to 25 and 16 mm respectively. In addition there are most likely another two species which at the time are being described by marine biologists. *Hippocampus denise* was named after Denise Tackett, who was the first to alert scientists to the existence of the pygmy seahorses. Both species are probably monogamous and are found in pairs or clusters of pairs in *Muricella* sea-fans.

*Pygmy seahorse -
Hippocampus bargibanti*



*The Denises pygmy seahorse -
Hippocampus denise.*



The fans provide shelter and food for the pygmy seahorses, and therefore they don't need to move around much. If you are lucky when choosing your dive centre, some of the dive guides might know a fan or two where you can find some.

Perfect camouflage

These mini seahorses can be incredibly difficult to spot, and even

if you scan an area no bigger than the palm of your hand, it might take you 15 minutes to see them - even if your dive guides have just shown you exactly where to look.

Their camouflage is almost perfect, and they mimic the branches of the sea-fan both in colour, shape and pattern so well that it is almost difficult to comprehend how they find

each other when it's time for mating. They were not discovered until 1969 when living sea-fans were taken up and put in an aquarium.

Even if seahorses in general are known for their peculiar looks, hardly any species of fish have adapted to their surroundings with such perfection as the pygmy seahorses.



Pygmy seahorse -
Hippocampus bargibanti

Pygmy seahorses also have a rather peculiar way of reproducing: When the eggs are fertilised, they are transferred to a pouch on the belly of the male, where they stay until they are ready to hatch.

When this happens, perfect miniatures of the parents emerge from the pouch and they are left to themselves. They have a planktonic stage where they might drift vast distances before they find a suitable sea-fan to settle on.

Mind your depth - and your time! When you have finally found a pygmy seahorse it is important to mind your bottom time - time passes quickly, and they are likely to be found quite deep.

More than one diver has gone into decompression when admiring these



Immerse yourself in Paradise... again!

Papua New Guinea is unpredictable. It cannot be confined to the ordinary, and neither can our reputation for uncompromised Melanesian hospitality.

Set in 20 acres of landscaped tropical gardens, facing the beautiful Madang Harbour and Yamilon Lagoon, the Madang Resort and Kalibobo Village provide 150 rooms, villas and cottages all with private bathrooms, split air conditioning, satellite TV, balconies and minibars. Enjoy the facilities that include 3 restaurants, 2 cocktail bars, hair salon, art gallery, PADI Dive Shop, tennis courts, marina, 3 pools and 2 lagoons all of which are attended by the friendliest staff in the Pacific.

The Madang Resort and Kalibobo is the ideal venue for your conference. A convention centre with 4 separate air conditioned conference rooms plus secretarial offices and a fully-equipped business centre provides the best equipped conference centre in Papua New Guinea.

Tel: (675) 852 2655
Fax: (675) 852 3325

Email: mrhmanager@mtspng.com
Website: www.mtspng.com



Kalibobo
VILLAGE
MEMBER: NUSA HARBOUR



'PNG's leading
International
Resort Hotel

PROUDLY POKER MACHINE FREE



Unforgettable Paradise

Located along the spectacular white sandy beach of Nusa Harbour, the Malagan Beach Resort is a genuine tropical paradise. Surrounded by beautiful islands and conveniently situated just 1km from the centre of Kavieng (the capital of the New Ireland province), everything you desire is at hand.

Malagan offers 16 deluxe rooms, all with personal balcony, private bathrooms, TV, phone, fridge and coffee/tea facilities. Enjoy yourself at our delightful restaurant and cocktail bar overlooking the ocean, or dine under the stars at one of our tables on the beach.

Whether you want to relax at the resort, cruise the islands, dive the reefs or discover timeless cultures MTS is your passport to a holiday you'll never forget.

Tel: (675) 984 2344
Fax: (675) 984 2452

Email: malagan@mtspng.com
Website: www.mtspng.com



PROUDLY POKER MACHINE FREE

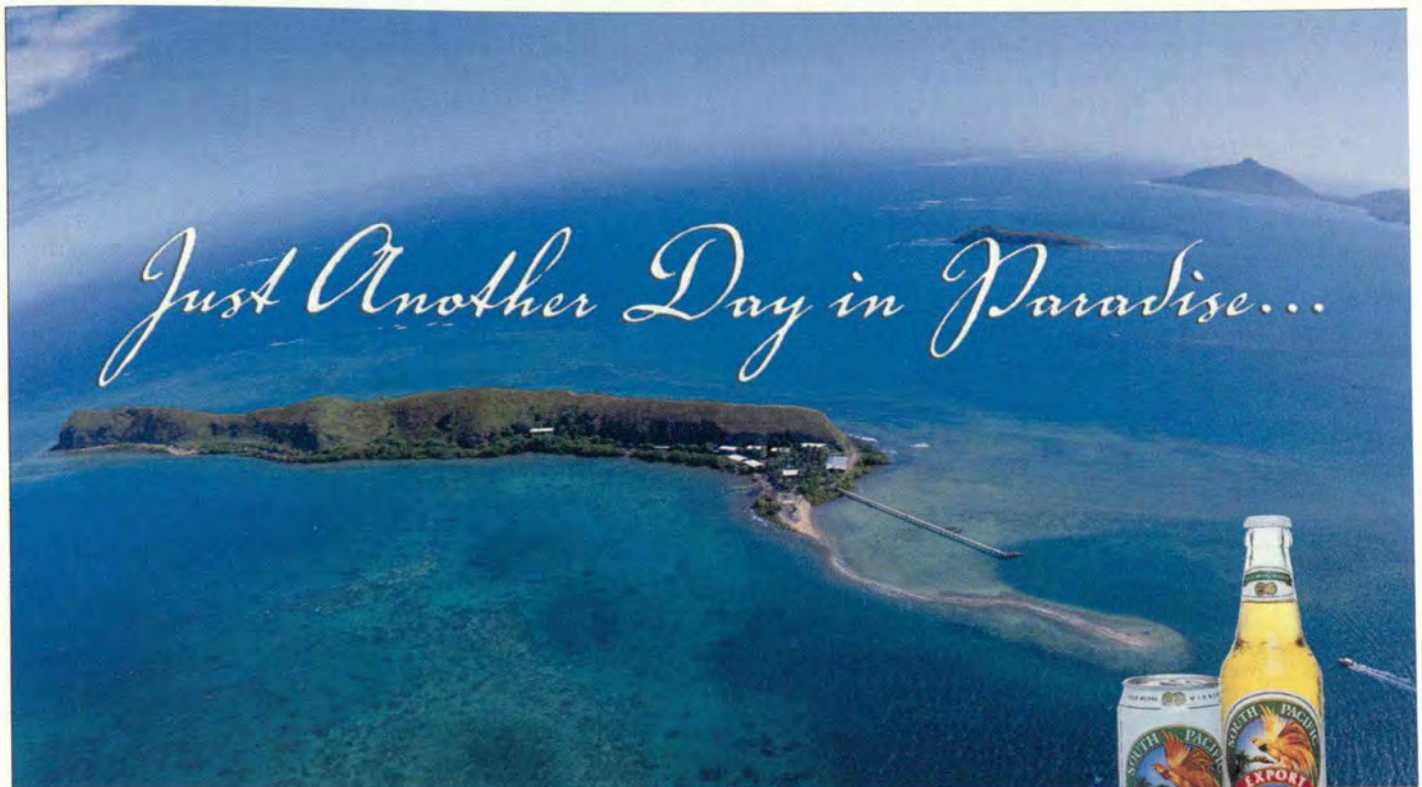
*Pygmy seahorse -
Hippocampus bargibanti*

exquisite little creatures. The seafans thrive in locations with strong currents, and the pygmy seahorses are most likely to be found at depths between 20 and 40 metres.

Hippocampus bargibanti is found with two different colour schemes; one is grayish pink with red dots and lives on *Muricella plectana*, the other is a yellow type from southern Japan living on *Muricella paraplectana*.

Not much is known about the distribution and behaviour of these species, and more discoveries will certainly be made in the years to come.

In the meantime, all you have to do is book a trip to Papua New Guinea, because these little wonders of the deep are something you just have to see!



BEER OF PARADISE...



UMW

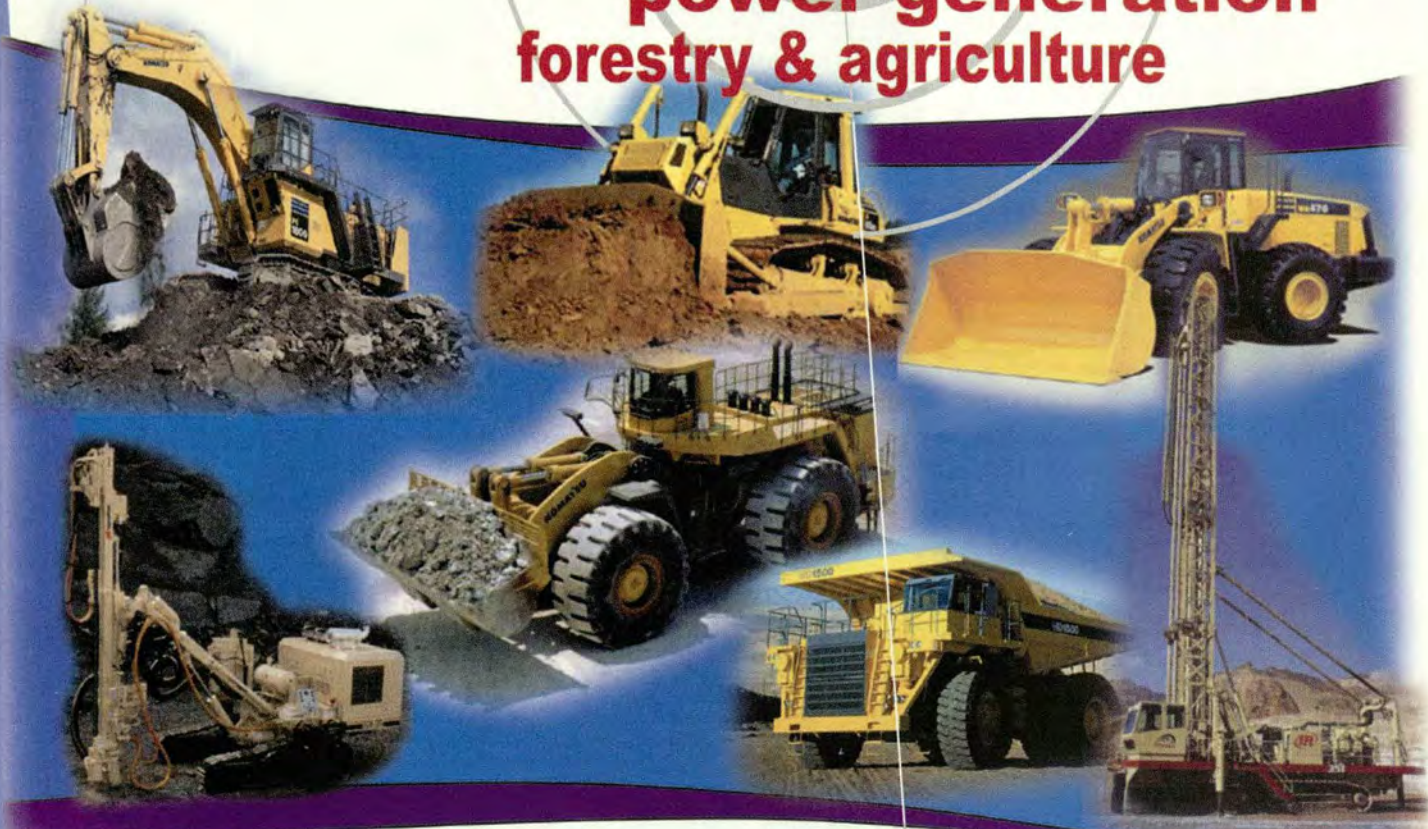
THE ONE TEAM



UMW Niugini Ltd
Optimum solutions
for total satisfaction.
Quality you can
rely on.

Leaders in Equipment Sales & Support for...

mining
construction & earthmoving
power generation
forestry & agriculture



Pt Moresby - PH: 325 5766
Lae - PH: 472 2444
Kokopo - PH: 982 9799
Lihir - PH: 986 4194
Vanimo - PH: 857 1437

KOMATSU

Atlas Copco

Email: enquiries@umw.com.pg Website: www.umw.com.pg

MP5698



MALAHANG

From airstrip to industrial centre

By Malum Nalu

Malahang, now the site of the industrial centre in Lae, has a long and fascinating history behind it.

What many people do not know is that it was the site of a Lutheran Mission airstrip in the 1930s—second to the record-breaking Lae airstrip.

Later, it became a major coconut plantation and supplier of fresh milk and beef.

The history of Malahang goes back to September 12, 1916, when Reverend George Stuerzenhofecher - a Jabem speaking missionary - started clearing the bush with 35 New Guineans.

That was just after the mission bought 500 hectares of land - bordering the Busu River - from the German Administration.

In the following six years, Stuerzenhofecher cleared 250 hectares and planted 22,000 coconut trees.

In 1922, the mission employed an American farmer, Andrew Freese, and Stuerzenhofecher was released for spiritual work.

Freese stayed for six years and during that time he planted another 10,000 palms.

But despite that, Malahang was a failure as far as copra production was concerned due to poor and high acidity soil.

Events took a new turn as mission work in the Highlands started.

After waiting for several months for a building permit, the mission decided to build its own air base at Malahang plantation.

Martin Boerner was asked to build an airstrip, a pilot's residence and workshop.

The Malahang aerodrome was 800 metres long.

The mission had purchased an aeroplane and Malahang became the base station for sending supplies to the Highlands.

All this came to an abrupt end when World War Two began in 1939.

PAPUA NEW GUINEA
**Institute of
 BANKING
 &
 BUSINESS
 management**

NTC Registration No:001.



**To Robert Business
 Training Centre**

**PNG Management
 College**

**PNG Microfinance
 Competence Centre**

*Cost effective training providing
 knowledge and skills that*

- *Improve individual performance*
- *Increase organisational productivity*
- *Develop professional careers*
- *Foster national development*

Telephone: (675) 322 1000
 Facsimile: (675) 321 2960
 E-mail: info@ibbm.com.pg
 Website: www.ibbm.com.pg

Malahang was devastated.

When Linus Eiermann, the last pre-war manager took over Malahang after the war, he had to start from scratch.

Thirty tonnes of copra were produced in 1947-48.

Cattle were imported from Queensland and fences built.

In 1949, the mission households could be supplied with fresh milk.

"In 1951, William Meuser, an agriculturalist from the United States, made a survey of the plantation's economic viability.

"He suggested a change from copra production to dairy farming," the church's longtime business manager, Wilhelm Fugman, recalled in a centenary publication in 1986.

"Subsequently, the mission obtained the services of George Knopke, a cattleman from Queensland, and he started following Meuser's advice.

"Cattle were imported from Australia, and a slaughterhouse built to enable the sale of fresh beef.

"By 1955, the herd had increased considerably, and 6000 gallons of fresh milk were produced during the year.

"In 1961, Malahang's production had reached 32,000 gallons and milk was commercially marketed under the name 'Tropical Dairies'.

"During a short interval, the sale of milk was discontinued because of public attacks by competitors.

"Later, these same people were unable to satisfy the increasing public demand for fresh milk and the plantation entered the market again."

Fugman said by 1963, the Malahang plantation had increased its cattle herd to 700, worth 110,000 pounds.

"During the following years," he wrote, "Brahman cattle were imported with a view to gradually changing from dairy to beef products.

"The plantation had increased its cattle herd and became one of PNG's outstanding cattle-breeding stations. In 1970, a small portion of the plantation was set aside for a pastor's training institution which became known as the Martin Luther Seminary."



Liamo Reef Resort

The perfect business & holiday stay in the heart of Kimbe

- * Air Conditioned Rooms With Phone and TV
- * Eastern & Western Cuisine * Conferences
- * Spectacular Sea View * Game Fishing Charters

PH (675) 983 4366 FX (675) 983 4371
 liamoresort@global.net.pg



Black Bass & Blue Water Fishing

PO Box 94 Kimbe WNB
 Papua New Guinea
 scorpio@global.net.pg

PH (675) 983 4136
 FX (675) 983 5405

www.baiasportfishing.com



Capturing the rich colours of
 Papua New Guinea!

LE RICHE COLOURS LTD PH (675) 983 4136
 PO Box 94 Kimbe WNB FX (675) 983 5405
 Papua New Guinea nat@global.net.pg

Nathalie Le Riche

www.picturetrail.com/leriche



Original Paintings * Prints * Calendar * Tribal Placemat & Coaster Set * Gift Cards * T-Shirts * Children's Tribal Sticker Picture Book * Art Licensing

Papua New Guinea



Air Niugini Country

Nobody Knows Papua New Guinea like Air Niugini



- **Alotau**
(675) 641 1100
- **Buka**
(675) 973 9655
- **Goroka**
(675) 732 1444
- **Hoskins**
(675) 983 5077
- **Kavieng**
(675) 984 2135
- **Kundiawa**
(675) 735 1273
- **Lae**
(675) 472 1892
- **Lihir**
(675) 986 4008
- **Madang**
(675) 852 2699
- **Manus**
(675) 470 9092
- **Mendi**
(675) 549 1233
- **Mt Hagen**
(675) 542 1444
- **Popondetta**
(675) 329 7022
- **Port Moresby**
(675) 321 2888
- **Rabaul**
(675) 982 9033
- **Tabubil**
(675) 548 3325
- **Tari**
(675) 540 8023
- **Vanimo**
(675) 857 1014
- **Waigani**
(675) 325 1055
- **Wapenamanda**
(675) 547 1274
- **Wewak**
(675) 856 2233



Air Niugini



GOROKA:

LAND OF SMILES

Words by Margo Steley
Photos: Doug Steley





A chance meeting in Queensland with Dr Debra Wright from the Wildlife Conservation Society based in Goroka, set in motion plans for our first visit to Papua New Guinea.

My husband, Doug, is a photographer and I am a nurse. We were invited to help Wright's post-graduate students to brush up on their first aid knowledge and make better use of their cameras in return for accommodation at her home in Pacific Estate.

Our visit was timed to coincide with the Goroka Show and the 30th Independence Anniversary, so we could not refuse such an appealing offer. We planned to stay eight or ten days in Goroka, then fly to Madang for a few days before returning home.

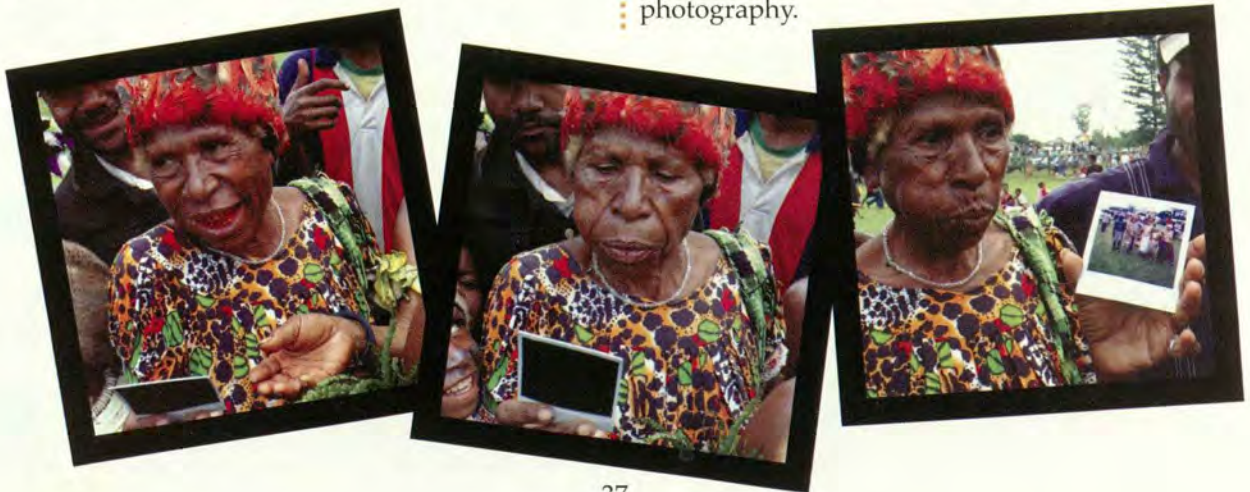
Goroka is set high in the Eastern Highlands Province. A busy township, it is a crossroad for people travelling between towns and villages across PNG. But near show time it is really bustling with visitors getting ready for the sing-sing, which is the main attraction of the show.

Small buses and trucks are the main method of transport, negotiating their way through the crowded town dodging pedestrians and other traffic with such expertise that only comes with practice.

Our hosts introduced us to other scientists and students studying and working at the Wildlife Conservation Society at their offices in Pacific Estate, a short walk up a very steep hill from their house. I am fairly fit, but a coastal dweller, so the effects of altitude became evident as I climbed the hill. I had forgotten that we were now about 6000 feet above sea level!

The first few days were spent fulfilling our undertaking to teach some first aid and photography. Our audience's genuine interest in the subjects and their wonderful sense of humour gave us one of the most rewarding teaching experiences we have ever had.

Then it was time for the show. Armed with cameras, we set out to make the most of this amazing photographic opportunity, much removed from our usual corporate photography.





A world of local expertise



Because we have been in Papua New Guinea for over 100 years, we have a wealth of local knowledge and expertise. At our full service offices we have a unique understanding of the environment in which you operate, and the particular risks you face. We also operate throughout the Pacific region and around the world, so our innovative and tailored insurance solutions are backed by the strength and security of a truly world wide organisation. To find out more, call your insurance adviser or visit our website www.qbe.com/asiapacific



QBE

ASIA PACIFIC

SPECIALIST INSURANCE SOLUTIONS

PAPUA NEW GUINEA

QBE Insurance (PNG) Limited
e-mail: info.png@qbe.com

Port Moresby
Tel: (675) 3212 144

Kokopo
Tel: (675) 982 9396

Lae
Tel: (675) 472 1627

PROFESSIONAL INDEMNITY • DIRECTORS & OFFICERS' LIABILITY • WORKERS' COMPENSATION • EMPLOYERS' LIABILITY • PUBLIC LIABILITY • SPECIALIST MARINE LIABILITIES • MARINE CARGO & COMMERCIAL HULL MARINE PLEASURECRAFT • CONTRACT WORKS • COMMERCIAL PACKAGE • HOME PACKAGE • MOTOR VEHICLE

FCQBE01/MPFC

In addition to our own cameras, sponsorship from Polaroid supplied us with a camera and films, the main purpose of which was to give photographs to our subjects in appreciation of their co-operation.

The technology that goes along with processing films or digital images is not readily available, so Polaroid images are a way of saying thank-you for the willing co-operation of the people who happily allowed us to photograph them.

I have seen film and television footages of traditional celebrations, but nothing prepared me for the reality of the sights and sounds of the performers and their beautiful and intricate costumes.

Colour and energy surrounded me as I walked onto the oval - it was almost too much to take in. I did not count them but there must have been over a hundred different





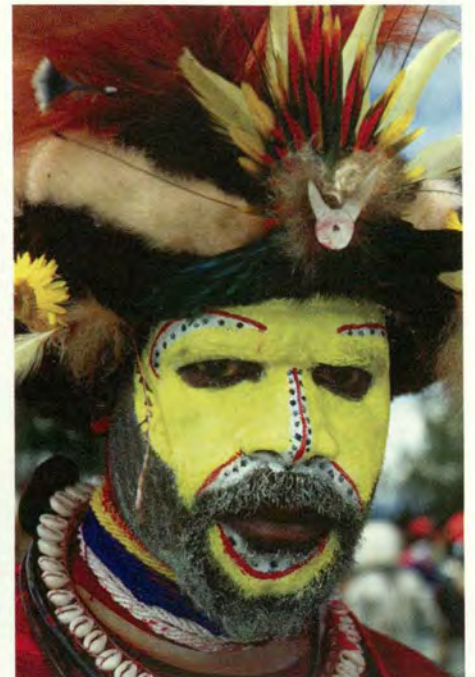
groups of dancers; men, women and children, each group different.

Magnificent feathers from PNG's famed Birds of Paradise adorned headdresses. Faces painted in vivid colours or wearing a diversity of

masks complemented colourful plants fashioned into skirts. Although some modern dyes, body paints and articles are used, it does not detract from the basic designs and traditional appearance of the costumes.

The songs and dances told of age-old customs, tales of courage and human foibles.

All were different and some executed with great good humour, but skill and respect for tradition always



Brian Bell provides everything for your home

White Goods | Small Appliances | Soft Touch | Furniture | Audio Visual | Agriculture
Power Generation | Sports & Leisure | Manchester | Hardware
Hotel Supplies | Catering Equipment | Kitchenware | Houseware



BRIAN BELL & COMPANY has special in-house capabilities to design, supply and install Hospitality projects of all types and sizes around Papua New Guinea.

We have full turn-key services for mining and exploration camps, hotels, restaurants, mess facilities and processing plants.

ALL PRODUCTS ARE BACKED BY BRIAN BELL'S WARRANTY, SERVICE AND SPARE PARTS

Brian Bell
Shop with a friend



PLAZA 325 5411 HOMECENTRE CITY-GORDONS 325 8469
HOMECENTRE CITY-LAE 472 3200 TOPTOWN 479 1918
GOROKA 732 1622 KOKOPO 982 9027 MT HAGEN 542 1999
MADANG 852 1899 Email: bbsales@brianbell.com.pg



PORTABLE BUILDINGS

FOR CONSTRUCTION - MINING
OFFICES & ACCOMMODATION

HELPING TO DEVELOP
PAPUA NEW GUINEA FOR OVER 20 YEARS



WE SELL AND HIRE



Designed and Manufactured in PNG!

- Site Offices
- Complexes
- Kitchen/Diners
- Mining Camps
- Toilet Blocks
- Ablution Blocks
- Bunk Houses

Save Our Forests - Use Steel.

A.P.I. Limited,
Tamara Road, Six Mile N.C.D.,
PO Box 6434, Boroko, Papua New Guinea
Telephone: (675) 325 4200 Facsimile: (675) 325 2895
Email: api@global.net.pg



evident. If anyone is looking for souvenirs, there is a stunning variety to be found.

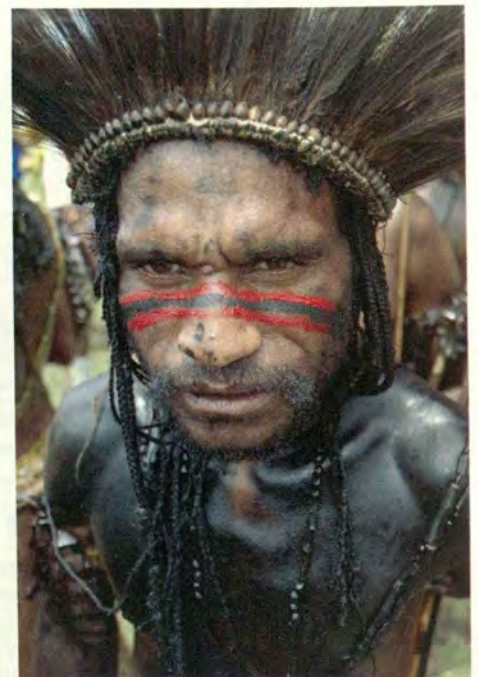
The ever-present bilum, made from a variety of materials from possum fur to brightly coloured synthetic cord, is

the most popular item with visitors. There are different sizes and they can be used for carrying anything, including babies.

Masks, bowls, baskets, woven platters, wool mats - the array is

endless and the quality generally good. The prices are very reasonable and a little bargaining is acceptable.

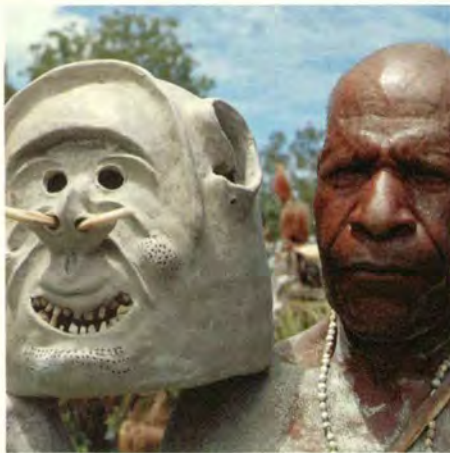
The three days of the Goroka Show were the highlight of our visit, but there were other things to see in the





short time left. Fresh local fruit and vegetables are available daily from the markets. The quality varies, but the range is extensive and the prices very inexpensive. The pawpaws are the best I have ever tasted and the passion fruit is sweet, soft skinned and delicious. The combination made a great breakfast, topped off with a mug of Goroka coffee. Villagers bring their fresh produce to the markets every day, except Sunday.

It would be hard to choose what I liked most about PNG. Any negatives I encountered were only small ones and were easily cancelled out by the friendly people, the unspoilt beauty of the country, the pride of the people in their land and their heritage and determination to provide the best for the next generation.



For more information contact:
 Doug and Margo Steley
 Silver Image Photographics
 Email: silverimage@powerup.com.au
www.silverimagephotos.com.au
 Phone: 617 5475 4250
 Mobile: 617 0408 754250



YOUR COMMERCIAL KITCHEN SPECIALIST !

For quality food service equipment
 Visit our Showroom in Port Moresby & Lae
 for all the information you need on the



Waldorf 800 Series, Blue Seal & Bakbar range
 of Commercial Cooking Equipment.

- The Total Source
- Extensive Range
- Excellence in Quality
- Customer Satisfaction
- After Sales Service & Installation
- Spare Parts



Only the best brands for your peace of mind!

Head Office - Cameron Rd., Waigani
 Ph: 325 6322, Fax: 325 0350
 Email: info@tepng.com

Branch Office - Laurabada Avenue, Lae
 Ph: 472 6262, Fax: 472 1323
 Email: lae@tepng.com

Or visit our website on: www.tepng.com



For the finer things in life, choose

AIRWAYS

Papua New Guinea's boutique hotel

PNG's only butler service hotel rooms



PNG's only day spa, Spa Pua



PNG's only gourmet delicatessen, Deli KC's



PNG's only designer retail outlet, the Dunhill Store



PNG's only cigar lounge, Havanaba



PNG's only chauffeured hotel limousine



Green Hotels Association



AIRWAYS HOTEL
PORT MORESBY

Boutique Hotels
& Resorts International

Jacksons Parade, Jacksons International Airport, Port Moresby, Papua New Guinea.
Tel: 675 324 5200 • Fax: 675 324 5300 • www.airways.com.pg • www.boutiquehotelsandresorts.com

Getting 'nambawan' treatment on the **MIGHTY SEPIK**

By Diana McManus

Travelling by luxury cruiser on the mighty Sepik River is one thing. Travelling grassroot-style and solo is another.

I didn't want to experience this environmental and culturally rich region through the perspex windows of a mosquito-free haven of air-conditioned comfort. I chose instead to plunge into the elements for five days aboard an eight-metre motorised canoe, and what a fine adventure it was.

After an hour-and-a half flight on Air Niugini from Port Moresby, I was met at Wewak Airport in East Sepik by the

boys from Surfsite Lodge, even though it was right across the road.

Alois Mateos, the proprietor, arranged for his brother Phillip to accompany me on the journey. We set off on a 4WD the next day. It was a four-hour drive across the spectacular Alexandra Range to Pagwi, stopping often at the roadside village markets to snack on fruit and vegetables. Looking back across Wewak the outlying islands of Kairiru and Moshu loomed in the background. Normally, we would have gone by PMV, but there were a couple of visiting relatives returning to their villages with us, so we got the 'nambawan' treatment.

Check out the tranquillity of Dream Inn



Newly established serviced apartments to cater for family and executive needs. Each apartment contains one master bedroom and one single room with spacious dining and living rooms. The kitchen is well set up for traveller's own use and guests. All rooms are air-conditioned.

Although located in the central business area at Waigani, Port Moresby, it is very isolated and quiet, offering a peaceful retreat for busy guests.

Other complimentary services include escort bus service and cable TV. Office staff are available day and night to attend to customers' needs.

Security is maintained on a 24-hour basis.

Ph: (675) 325 3600 • Fax: (675) 325 3609

Email: dreaminn@daltron.com.pg





Approaching Ambunti.

Broad, sweeping grassy plains unfolded as we descended from the range into the Sepik basin. Once cattle and buffalo were raised here, but only the fences now stand as testimony to those days. We swept past the turn off to Maprik, the regional centre. Later in the afternoon at Pagwi a fibreglass dinghy took us up the river for another two hours for an overnight stop at Ambunti, nestled at the foot of a large rainforested hill.

The lodge, though rather 'tired', offered a modicum of comfort. The power was off due to rainwater leaking into a light switch which blackened the walls and blackened the lodge for the night.

Thaddeus, the manager, cooked in the dark and provided

Ambunti Lodge.



a bucket of water and dipper for a 'shower' since the water pump was out of action. Missionaries next door were kind enough to recharge my camera battery at their place, since they had a generator.

What would you prefer?

45% Tax

or

as low as 2%

and income in AUD?

Contact Aon Superannuation today

chris.hagan@aon.com.pg or telephone 322 4544

AON



Cane chairs are squeezed into the dugout canoe.

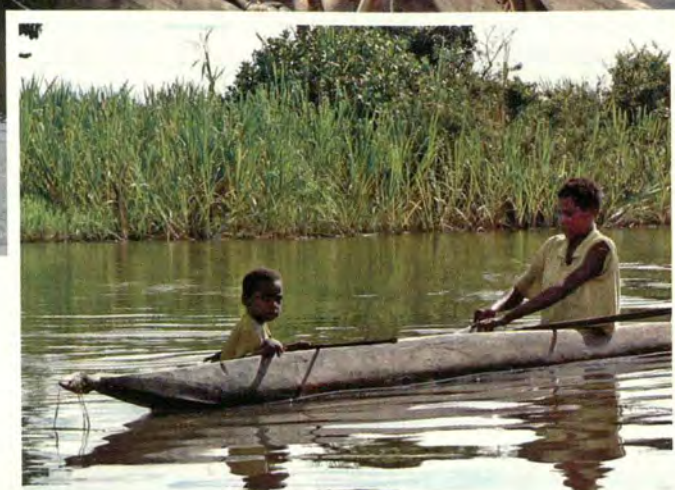
The silvery morning saw a couple of stubby legged cane chairs squeezed into our huge dugout canoe with its 40-horse power engine. Gear was packed under a tarp and we headed into the Upper Sepik, destination Wagu, a village on the shores of the Wasui Lagoon.

Languid villages lay along the waterway in the brilliant sunshine. Occasional canoes glided silently along the banks with men, women or children fishing for a feed from the river. Egrets, kites and cormorants winged away from our canoe into the bright green and blue landscape along the river banks. As we travelled further upstream, the hills came closer. Suddenly the river opened out and there before us were the still, glassy waters of the Wasui Lagoon stretching to the horizon like a vast inland sea, reflecting the puffy clouds and azure skies. Breathtaking!

Across the lagoon, on a hillside which plunged into the lagoon, lay Wagu, our host's village. Some hours were spent in pleasant conversation with a few of the village men in the little 'haus win' by the lake before Matthew



Boy canoeist.



Paddlers in paradise.



The Wasui Lagoon.



Kids trying out their bows in Wagu village.



Matthew preparing pandanus.



Children enjoying the pandanus dip with sago bread.

and his family guided us to a freshwater stream to swim in its clear green waters. Coming back we stopped to gather a couple of long, red pandanus fruit, quite different from the more familiar nut clusters. The rest of Matthew's afternoon was spent slicing and coring the great fruit, heating up stones and baking the pieces wrapped in breadfruit leaves. Later, his little boys delighted in squishing the baked fruit into a bright red dip for his wife's sago bread. It was delicious. To my westernised palate, it tasted like a mild chilli dip.

Six o'clock in the morning found us canoeing to the forest nearby, where, after a bit of a slog uphill, we stood gazing into the canopy at several fabulous Birds of Paradise flitting among the tree tops, ruffling their feathers and wings in mating ritual. They were rich chocolate in colour with tan wings and those world renowned tail feathers, cream blending into white. Then it was back for breakfast and away across the stormy lagoon. So threatening was the horizon that we pulled in to a cluster of houses on shore to wait out the rain.



The haus win was alive with activity. Six wild pigs had been hunted and speared the previous afternoon and were being butchered and divided amongst the family.

Soon wind and a few spots of rain whipped my face as we sped through the water towards our next destination, the Middle Sepik. Retracing our steps, we called into a little village opposite Pagwi, where a group of women sat chopping canoe loads of fish into tiny pieces to feed the crocodiles they were commercially farming for an export company in Madang.

Further downriver Phillip pulled us over at Korogo to visit the enormous but dilapidated 'haus tambaran', or spirit house.

As a western woman I was permitted access to the lower floor, but it is still taboo for local women.

Village men sat, slept or chatted along the benches. Impressive carvings and artefacts adorned the poles and upper level. There seemed to be a strong spirit presence even to my alien sensitivities.

Wild pigs being divided amongst the family.

The very best for less



There is no better way to see Papua New Guinea than with Avis, and at prices that will pleasantly surprise you.

Avis offers clean and reliable latest model vehicles which are kept in superb condition for your renting pleasure.

We have a variety of vehicles to fit your needs and your budget as well.

So when you're in PNG choose the very best. Choose Avis. Papua New Guineas leading car rental company.



AVIS

We try harder.

For information and reservation contact Avis on: (675) 324 9400

Email: reservations@avis.com.pg Website: www.avis.com.pg Fax: (675) 325 3767



The 'haus tambaran' or spirit house in Korogo.

The Middle Sepik is the home of the crocodile cult where young men are initiated into manhood and the secrets of their ancestors through a long and painful process of incising the skin to create a pattern on the back, similar to a crocodile skin.

A young man may live in the haus tambaran for up to two years while this takes place. Some young men don't survive the process.

Even in modern times the pressure to undergo initiation is strong if young men wish to retain respect amongst their clansmen. Different groups can be identified by their own distinctive patterns.

Sun shining brightly, we continued along the river which averaged several hundred metres in width. Clumps of water hyacinth floated past with birds resting on pontoons of debris. The mountains receded into the distance and pit pit grass or wild sugar cane lined the banks interspersed with patches of rainforest.

Mid-afternoon found us at Jacob's house on the river near



Men in Korogo's haus tambaran.



Inside the haus tambaran.



Palembei. He was our host for the next two nights and spotted the familiar crocodile pattern across his back and down his arms.

A twenty minutes walk inland with his family through fertile food gardens along the river flats brought us to the charming village with its little footbridge over small, lily-filled lagoons. Its central feature was the architecturally beautiful spirit house at one end of the village green.

At the other, stood a smaller haus tambaran and in between were the weathered poles of the original spirit house which was bombed during the war. The two remaining buildings housed a huge collection of Sepik artefacts and had a somewhat commercial flavour about them.

Commercialism was definitely the flavour of the following day when we motored along the river to Tambunam, the biggest and southernmost village on the Middle Sepik.

It's the port of call for the luxury cruising vessels coming up river from Madang and is a very beautiful village from what I could see, which, as it turned out, wasn't much.

Spirit dancer's costume.

CONXIONS Limited

Telstra Business Systems
Solutions and Services Partner

- ✓ Business Telephone Systems (PBX)
- ✓ Call Accounting
- ✓ Telecommunication Operator
- ✓ Product Services
- ✓ Mobile Phones
- ✓ Fixed GSM Phones
- ✓ Local & Wide Area Networks
- ✓ Voice Over IP (VOIP)
- ✓ GSM Repeaters and Boosters
- ✓ Managed Services
- ✓ Racks, Cables & Accessories
- ✓ Electronics
- ✓ Consulting
- ✓ Training
- ✓ UHF, VHF & HF Radios and Renewable Energy

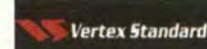
Tel: 325 6566

Facsimile: 325 4445



Connecting People & Technology

Kunai Street Hohola, P O Box 5602, Boroko, NCD
Email: sales@conxions.com.pg or support@conxions.com.pg





Author enjoying village hospitality.

The thatching on the houses has interesting symmetrical patterns and giant coconut palms complete a very picturesque image. I alighted and the canoe and crew were directed to wait across the river. Along the pathway parallel to the river craftsmen appeared from all directions with their wares.

I was taken along to view the single story haus tambaran and by the time we returned a wonderful array of clay pots and dishes, carved masks and statues, shells, and ceremonial bilas or body decorations were laid out for sale. Some of the prices initially asked were pretty high. I bought a few things.

I also met the brother of a work colleague back in Port Moresby, but that didn't get me beyond the market line. The canoe was summoned when my spending was obviously at an end, and we headed back up along the river to Kaminimbit.

Not a particularly attractive village, Kaminimbit makes up for it with hospitality. Very friendly people were happy to spend time chatting, and I soon discovered a classmate of some more of my Sepik colleagues.

In fact he managed the small but

interesting little Arts and Crafts shop which tempted my wallet yet again. We were proudly taken for a walk past the pleasant, small haus tambaran where men lounged casually in the shadows away from the afternoon heat, and past the church, where women sat by the river stripping palm leaves to decorate a huge temporary meeting site.

The village was to host an important regional Church meeting and we passed a huge boatful of visitors on our return to Palembangi.

I was sorry to leave for Wewak the next day. Chugging along through the breezes on our silvery highway, watching the birds and fishing canoes, the villages and gardens slide by was becoming very addictive. People had been very welcoming and culturally it was exciting and insightful. We slept in peoples' homes on mattresses on the floor, under mosquito nets and shared our nights often in the same room with several people.

Some of it was a bit tough: the droves of huge mosquitoes which seemed to be able to spear through two layers of clothing, no obvious place or opportunity to have a wash after our first day, and some oddities

with the food situation. I paid twice as much for the experience mainly because of petrol costs. If I had paying companions, it would have been considerably cheaper. I plan to go back and visit the Chambri Lakes sometime in the future. The Sepik is wonderful.



adventure
www.pngtrekking.com.pg

PAPUA NEW GUINEA TREKKING ADVENTURES
PO Box 91, Gordons, Papua New Guinea
Tel +675 3251284 • Email info@pngtrekking.com.pg

- Mount Wilhelm • Mount Wilhelm to Madang
- Black Cat Track • Milne Bay WW11 History Treks
- Kokoda Trail • Goroka to Madang
- Sogeri to Doe Village and more...



THE PERFUMED FORESTS OF PNG

By Guy Jowett

Photo: Brent Stirton/Getty Images/WWF-UK



INVESTMENT PROMOTION AUTHORITY
IPA Facilitating For Investment Growth in Papua New Guinea

-  Your **ONE-STOP ADVISORY LINK** to do business in PNG
-  Your **REGISTER** to legalising business in PNG
-  Your **SOURCE OF INFORMATION** on investment related issues
-  Your **RELIABLE CONNECTION** to obtaining necessary approvals for obtaining licences in resource sectors
- Your **PARTNER** in investment decision-making in Papua New Guinea

INVESTMENT PROMOTION AUTHORITY
P.O. Box 5053, Boroko, NCD, Papua New Guinea
Ph: (675) 321 731 1/(675) 308 4444, Facsimile: (675) 320 2237
Email: biepd@ipa.gov.pg / Website: <http://www.ipa.gov.pg>

A repeated sharp knocking sound interrupts the busy chirrups, trills and cackles of a million insects and birds deep in the steamy, dense rainforest of Papua New Guinea.

The disturbance comes not from an exotic, newly-discovered woodpecker, but from a machete being brought down on its target by Tony, a local from the East Sepik village of Pukapuki.

In a land once famed for its fearsome head-hunters, it's a relief to report that nowadays the machete-wielding hunters have recently found a rather different commodity to prize - agarwood.

Tony delivers a final blow, then holds aloft a rather unimpressive looking chunk of wood. It has been splintered from an equally unimposing tree - certainly unremarkable when compared to the towering forest that surrounds us.

However, its discovery was greeted with great excitement.

But with the likes of gold, copper, oil and gas already discovered in Papua New Guinea (PNG), not to mention the vast timber resources, why is agarwood considered so



Photo: Brent Stirton/Getty Images/WWF-UK

“As part of that work, we’re teaching them how to extract the agarwood resin without killing the trees,” adds Leo. “And, we’re making sure they know its real value, so they’re not ripped off by traders.”

WWF is also helping communities designate certain regions as official wildlife management areas, which will help to protect them from being handed over as concessions to loggers and mining companies.

All in all, agarwood could provide a long-term sustainable livelihood for some of the poorest people in the country. It will also boost the survival prospects of the world’s third largest remaining rainforest and all the wonders it contains.

A strange and beautiful land

Alfred Russel Wallace, the Victorian anthropologist and biologist who, along with Charles Darwin, hit upon the theory of natural selection, travelled to the equatorial island of New Guinea in 1858, describing it as “a country which contained more strange and new and beautiful natural objects than any other part of the globe”. So far, I had been focusing - all too unsuccessfully - on avoiding much of this “strange and beautiful” fauna and flora, as I’d battled for three hours in the heat of the day somewhere in the province of East Sepik, in the north-

important?

The sweet smell of resin

“What makes it so valuable is its smell,” says Leo Sunari, WWF’s sustainable resource use trainer.

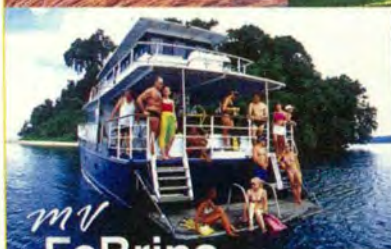
“When these trees are injured or infected - may be by certain insects, may be by other means, we’re not too sure yet - they produce this dark resin in response.”

The resin’s long-lasting fragrance has made agarwood (also referred to as eaglewood and aloeswood, and more locally as gaharu) popular for thousands of years throughout Asia and the Middle East, where it’s used for cultural, religious and medicinal purposes, and as a perfume. Worldwide sources are now dwindling, so its discovery in PNG in 1997 spurred intense harvesting.

“They were going crazy,” Leo recalls. “The trees were being chopped down and the roots dug up because that’s where they thought the infection was most likely to be.”


To curb the rate of destruction, WWF has been working with local communities in PNG - who own about 97 percent of the land - offering workshops to help them map their land, predict where the agarwood trees are, and develop ways of managing their resources sustainably.

DIVE Papua New Guinea



mv
FeBrina


Witu Islands, New Britain, New Ireland. Luxurious intimate charters with only 12 divers.



Kimbe Bay, New Britain. Voted the best diving from a resort anywhere in the world.

Walindi
Resort

Witu Island, North & South New Britain. Dive easy, 36 metres of spacious luxury for a maximum 16 divers.



mv
Star Dancer

Tel +675 983 5441
Fax +675 983 5638
Email: walindi@online.net.pg

www.walindi.com • www.febrina.com



Photo: Brent Stirton/Getty Images/WWF-UK

At the end of the dry season in East Sepik province. The low water level in a river exposes the dry basin.

west of the country. Razor-sharp fronds and spiny creepers reached from on high to snare me, and a maze of buttressed tree roots were hell-bent on tripping me up. Sloshing through countless streams resulted in a coating of leeches.

Now permitted a short breather, I take in some of the natural wealth for myself. Papua New Guinea has more than its fair share of the stuff, much of it unique to the islands.

A huge butterfly flutters by me, like a massive leaf tumbling gently down, and it strikes me that this is truly a land of giants. The Queen Alexandra birdwing butterfly is the world's largest, with a whopping 30-centimetre wingspan. If lizards are your thing, the longest you'll find anywhere is here - Salvadori's monitor lizard, measuring 2.5 metres.

Pigeon fanciers are also in for a treat. Not only are these the biggest, but they also sport superb crowns of feathers. Or if you're after the weird and wonderful, there's a mammal that lays eggs - the long-beaked echidna (or giant spiny anteater) which, despite its alias, rather prefers juicy earthworms to ants.

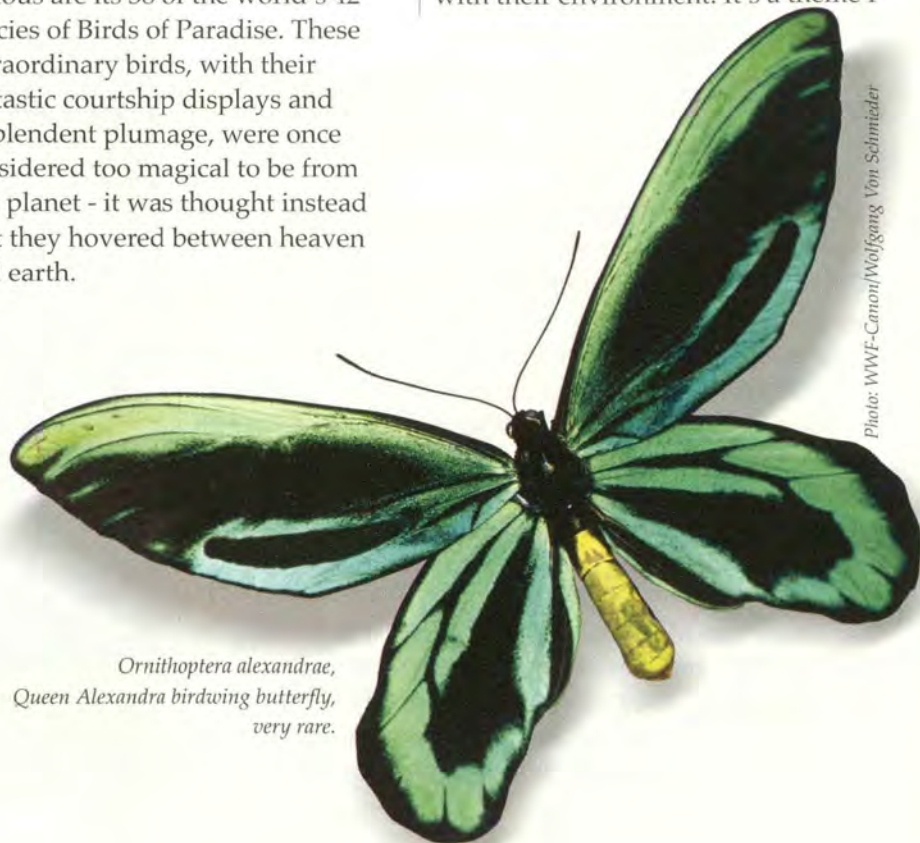
And PNG's marsupials range from

many types of kangaroo that have decided it's better to live up in the trees, to the bronze quoll (or marsupial "cat"), which is the largest marsupial predator here.

Not that the quoll is very big. And, it's precisely this lack of large predators that's behind the incredible diversity of birds in Papua New Guinea - 762 species were identified in a recent census. Most famous are its 38 of the world's 42 species of Birds of Paradise. These extraordinary birds, with their fantastic courtship displays and resplendent plumage, were once considered too magical to be from this planet - it was thought instead that they hovered between heaven and earth.

Words from the magistrate

After a long day's hike through some of the country's most inhospitable terrain, it's time for a little more of the same before spending the night in a small shack, open on all sides to the elements. Tony wields his machete once more to construct a quick makeshift bed from a few vast palm leaves. His ease in using what the forest has to offer is a sign of how closely connected these people are with their environment. It's a theme I



Ornithoptera alexandrae,
Queen Alexandra birdwing butterfly,
very rare.

Photo: WWF-Camoni/Wolfgang Von Schmiedler



Photos: Brent Stirton/Getty Images/WWF-UK

Pukapuki village magistrate, East Sepik province, Papua New Guinea.

Pukapuki resident in traditional dress. His headdress is made from the feathers that comprise the back of a Cassowary, Papua New Guinea's largest bird.

take up the next day with a Pukapuki elder, introduced to me simply as "The Magistrate". "The forests are our lives," says the Magistrate who has donned his traditional dress of feathers, flowers and shells, which highlight a close

relationship with nature. "We rely on them not just for building materials, but also medicines, food and fuel." Transportation too. Pukapuki, like most villages, is right next to a river.

Here it's the April River, a tributary of the mighty Sepik, one of PNG's two most important waterways, which snakes 1100 kilometres through the north of the country. It is considered the soul of the country. There are no roads in this region.



Shell Papua New Guinea. Proud to be fuelling Air Niugini's success.

Young boy in traditional dug-out canoe, near Bensbach tourist lodge, as sun sets over the Bensbach River.

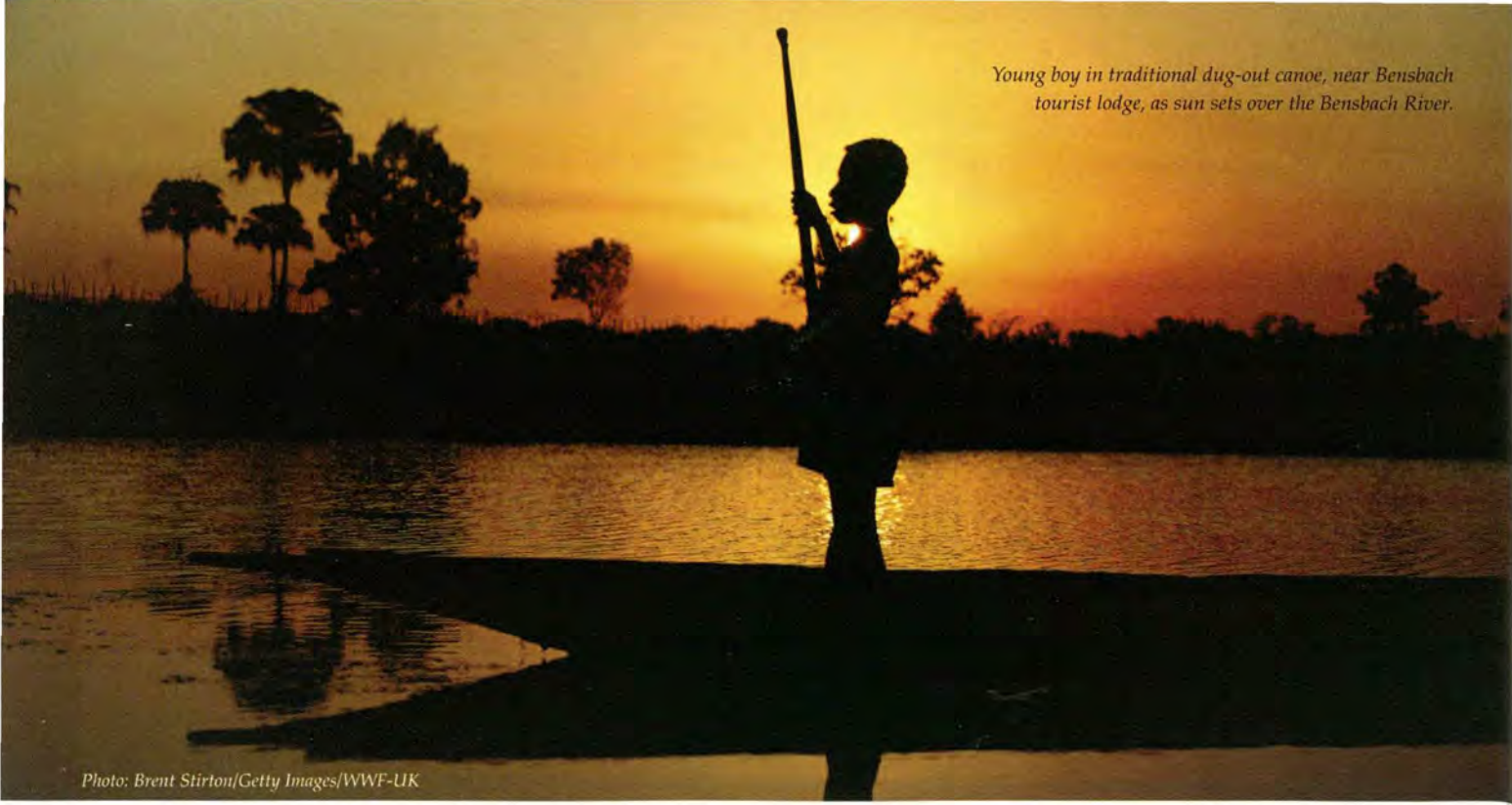


Photo: Brent Stirton/Getty Images/WWF-UK

To get around, villagers rely on long, thin canoes carved from tall trees.

“Today, we have to go much further to find good trees for making canoes or to hunt for wild pigs, when before there were many nearby,” adds the Magistrate, who has noticed the effects of resources being over-harvested during his lifetime.

The next generation

Sitting by a small fire, darkness has fallen almost in an instant, giving the insects their cue to beef up the noise to a deafening level. Above it all, I manage a few words with Bernard Sepani, 25, a local, who is helping WWF map local forest resources.

“Our needs are limited,” he says. “All we really need is just some money for education and healthcare.”

We’re interrupted by a huge insect buzzing around a lantern, which prompts Bernard to add lanterns and kerosene to the list of needs. He’d also like another water filter to safeguard the village freshwater supply. And, when pressed, dreams of an outboard motor for the dug-out canoe, which would improve transportation to neighbouring village markets.

It’s a far cry from the satellite TV and brick-built houses promised by some mining and logging companies in return for rights to their land.

“That’s a real challenge, trying to convince the communities that the sustainable approach is the best in

the long-term,” notes Ted Mamu, WWF’s conservation science coordinator in PNG. “People go with the wind. When loggers come with hard cash, why wouldn’t they go for that instead?”

As well as our ongoing battle with international mining and logging companies, WWF is simply trying to formalise a process that’s been going on for centuries - allowing people to live in harmony with nature.

That is why the global conservation organization is working to ensure there are plans in place that will enable them to continue to do so, despite the huge expected population increase and pressures of development.

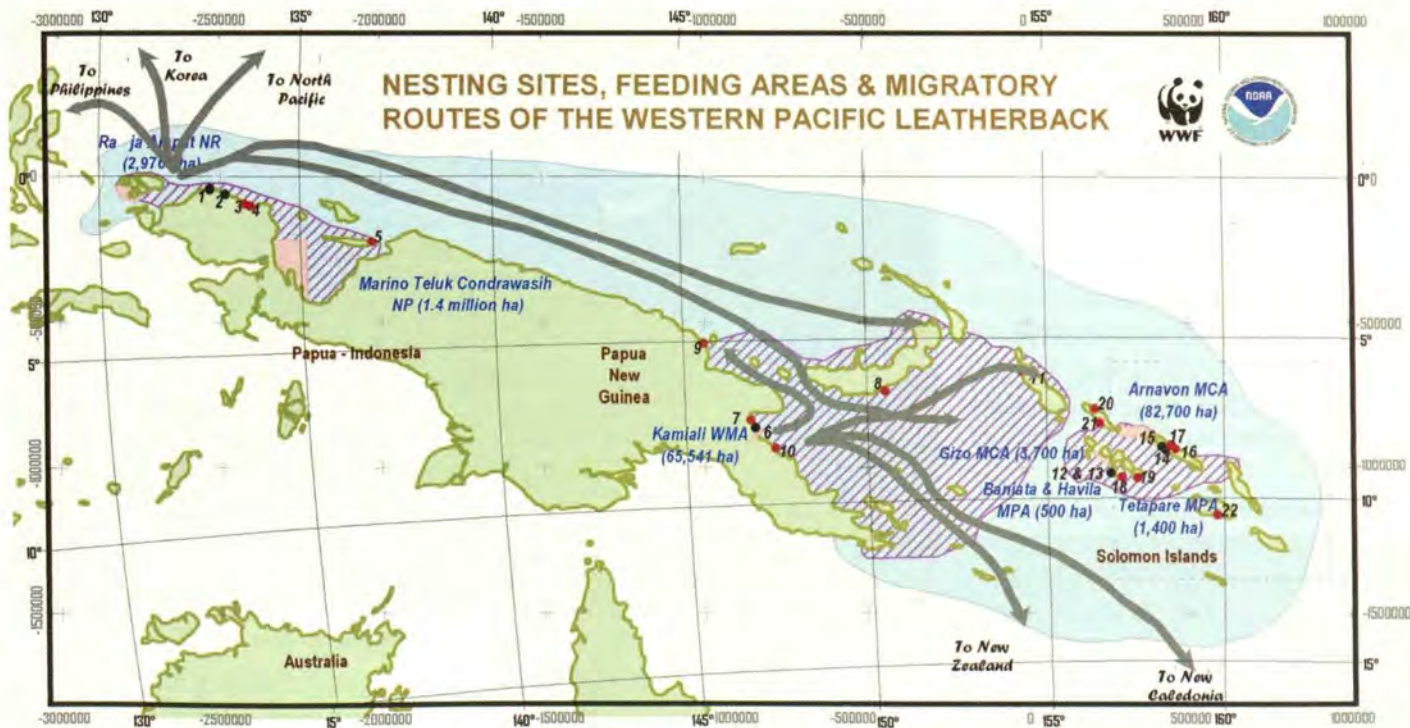
That night, the Magistrate’s wife gives birth to their third child, a boy. When he is Bernard’s age, today’s new nurseries of agarwood trees may be mature enough to produce a steady supply of valuable incense and along with it, a strong income that will sustain his people.

In the meantime, there are great hopes for other sources of income - from cash crops to ecotourism, as well as for certified forest management. And, while it’s early days yet, the good news is that WWF is already hard at work here, in one of the very few places on Earth where there’s still an opportunity to save large areas of wilderness.

Gazing out into the darkness, I soak up the unforgettable sounds of PNG’s “strange and new and beautiful” nature, and find myself rooting for this land of wonders and its fabulous potential.

• *Guy Jowett is the Publications Editor at WWF-UK*





LEGENDS

Nesting Beaches

- Managed (formal and community based)
- Not managed

Interesting sites

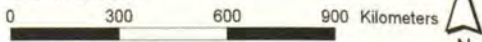
- ▨ Interesting areas (exc luding managed sites)
- ▨ Managed (formal and community based)
- ▨ Bismark Solomon Seas Ecoregion

BEACH LENGTHS

- | | |
|-----------------------------|-------------------------|
| 1. Jarmusba-Medi (18 km) | 12. Baniata (2.5 km) |
| 2. War-mon (6 km) | 13. Havila (2.5 km) |
| 3. Muabrani-kaironi (20 km) | 14. Litogahira (1.5 km) |
| 4. Sidey-Wibain (18 km) | 15. Sasakolo (1 km) |
| 5. Yapen Island (5 km) | 16. Liliika (1 km) |
| 6. Kamiali (11 km) | 17. Rakata Bay (1 km) |
| 7. Buang - Buassi (5.5 km) | 18. Tetepare (0.50 km) |
| 8. Fulleborn (7.5 km) | 19. Zaira Beach (1 km) |
| 9. Karkum (3.25 km) | 20. Vachu River (2 km) |
| 10. Salus (4.57km) | 21. Sasamunga (1 km) |
| 11. Bouganville (5 km) | 22. Babanakira (1 km) |



Projection: Universal Transverse Mercator
Scale: 1:16,552,023



Note: Pathways were approximated from ongoing research by NOAA and partners

Saving the Leatherbacks

The Mightiest of the Sea Turtles



They have cruised the world's oceans for 65 million years, a tribe that has outlived the last dinosaurs. Now there may be as few as 25,000 left. Since scores and probably hundreds are being killed each year, the leatherback turtle, by far the mightiest of all turtle species, is on the brink of extinction.

In Papua New Guinea, the Solomon Islands and West Papua, efforts to

save the leatherbacks from that fate have begun.

Landowners have agreed to the creation of three sanctuaries - one in each country - in the 2.5-million square kilometre Bismarck Solomon Seas Ecoregion, an area described by the director-general of World Wildlife Foundation, Jim Leape, as being "one of the most extraordinary ecosystems on the planet."

At the project's launching, hosted by Papua New Guinea in October 2005, Minister for the Environment and Conservation, William Duma, declared it would "make our part of the globe a haven for biodiversity".

The three sanctuaries cover 40 percent of the ecoregion's known leatherback nesting beaches and 90 percent of the largest known nesting beaches.

The governments of the three countries have committed themselves to supporting the project as have the owners of the customary coastal land and waters contained by the sanctuaries.

Eggs laid on the beaches by leatherbacks after they have laboriously dragged their massive bodies from the sea will be allowed to hatch instead of being collected as food.

And two-inch hatchlings will, when possible, get a helping hand to the sea as they are vulnerable to attacks by seabirds and other predators.

The project is the first of its kind in the ecoregion and covers interesting areas and migratory routes. Although focused on the leatherback, it should help conserve other marine species and their habitats.

In February, this year, the Solomon



A leatherback laying her eggs under the watchful eyes of rangers in the Solomon Islands.

Islands government hosted a meeting at which all supporting the project endorsed the plan.

This contains strategies for managing migratory routes, sustainable fisheries practices, regional and internal policies, and coordinating

mechanisms.

A final sign-off was due to take place at a meeting due to be hosted by the Indonesian government in March.

Weighing up to 900 kg (2000 pounds) and sometimes more, and growing

www.pacificmobile.com.pg

mobile
GSM
feel the buzz

Whether for business or personal use, enjoy the advantage of owning a GSM mobile phone.

Keeping in touch is now easier than ever.

With the introduction of the digital GSM900 service, Pacific Mobile Communications Co. Ltd (PMC) shows its commitment to providing its customers with the highest quality of service at the best value for money. The trade name for the GSM900 service is **Bee Mobile**.

The digital GSM brings Papua New Guinea on par with the majority of countries in the Pacific region and the rest of the world who have digital mobile networks. As a GSM customer you benefit from our fast connection, competitive pricing, Customer Care, and service outlets with approved dealers in Port Moresby, Lae, Mt. Hagen, Goroka, Madang and Wewak.

- Control
- Convenience
- Mobility
- Security

“ To get connected to Bee Mobile digital GSM900 service, you need to obtain a Pre-Paid plan Start Up Kit and a GSM900 Handset. ”

The B-Mobile Start Up Kits include: SIM card, respective plan Pre-Paid Credits, User Guide, Terms and Conditions and an optional mobile phone.

PRE PAID START UP KIT
the smart mobile feel the buzz
\$25

B-Smart START UP KIT
the smart mobile feel the buzz
\$30

VISITOR START UP KIT
the smart mobile feel the buzz
\$5

© Copyright 2005 PMC

to 2.43 metres (8 feet in length), leatherbacks are by far the largest of the seven known sea turtle species and are amongst nature's oldest surviving species.

Unlike other turtles, which had hard shells, the leatherback's cover is slightly flexible with rubbery textures.

Leatherbacks are global cruisers. They have been spotted in the North Atlantic, near the Arctic, in the Caribbean and in the South Pacific as far south, as well as south of New Zealand.

They have been tracked by satellite to cross the entire Pacific Ocean between feeding and nesting grounds - a one-way trip of more than 12,000 kilometres.

A 1987 estimate put the world leatherback population at 115,000, with half of them nesting in Mexico. Now the number is down to an

estimated 25,000. Leatherbacks are being killed by becoming entangled in fishing lines and nets.

Since they feed on jelly fish, they choke or otherwise die by mistaking floating plastic bags, plastic pellets, tar balls, balloons and styrofoam as food.

According to WWF, as few as 2300 adult nesting female leatherbacks survive in the Pacific Ocean. Close to 2000 nesting females were tagged at

Terengganu, Malaysia, in 2000. Only nine returned to nest in 1999 and the number is now down to only one or two a year. The sanctuaries for them on the north Papua New Guinea coast and West Papua New Guinea and the Solomon Islands offer the prospect of breeding in numbers that give some hope for the leatherback's survival.

• *Written with the help of material from Lisette Wilson, Luanne Losi, Creua Hittipevu, Doreen Linga and Miriam Philip of WWF.*

A leatherback returns to the water after laying eggs.



Kokoda Trail Map – Poster Size (800 x 300mm)

This impressive wall map of the Kokoda Trail was developed from wartime sketches held by the Australian War Memorial, data from army survey maps, satellite images and GPS readings. The Australian Army rising sun badge and an image of the Isurava War Memorial are embedded in the mountains. The words etched in the granite pillars of the memorial: "Courage – Mateship – Sacrifice – Endurance" are watermarked in the sky as a solemn reminder of the qualities displayed by our diggers and the "fuzzy-wuzzy" angels during the Kokoda campaign in 1942.

Price: \$149.50 including GST and postage within Australia

To order: www.adventurekokoda.com.au (click on Kokoda Map) or send a cheque to Adventure Kokoda, P.O. Box 303, Camden, NSW, 2570

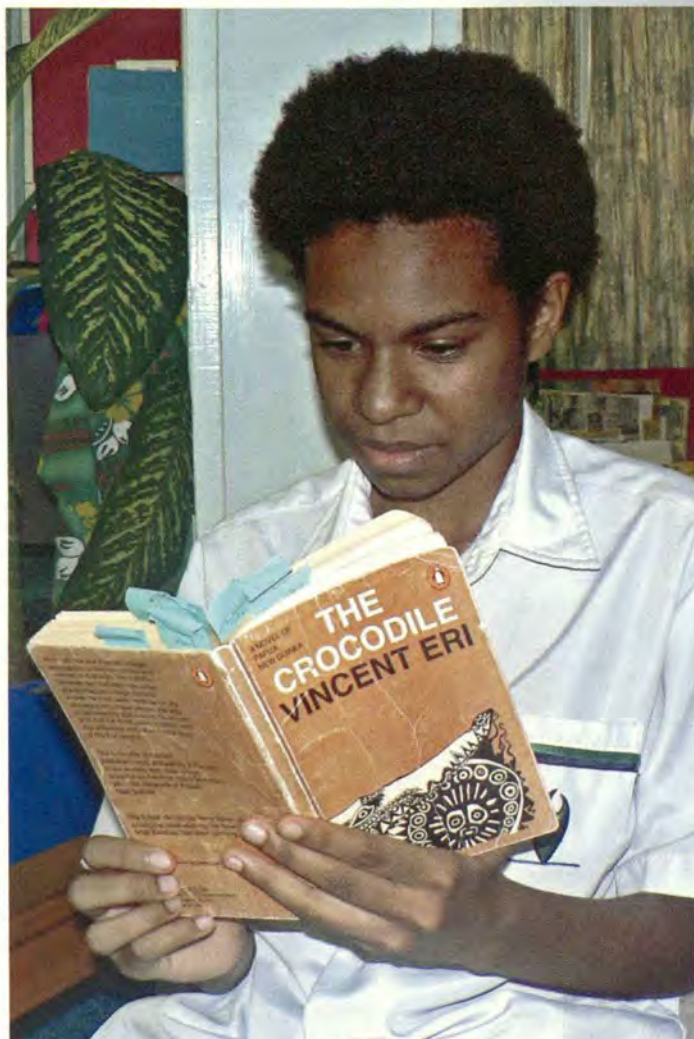


Charlie Lynn
Adventure Kokoda Pty Ltd
P.O. Box 303
Camden, NSW, 2570, Australia
www.adventurekokoda.com.au

THE CROCODILE'

The novel *'The Crocodile'*, by Vincent Eri, was first published by Jacaranda Press in 1970. Thirty five years later it remains a definitive milestone in the literature of PNG.

Eri was born in 1936 at Moveave in the Gulf District of Papua New Guinea. A love of learning kept him persevering with his studies throughout his youth. Often these were completed part time while he taught at primary schools in the Gulf, later assisting school inspectors. Eventually he graduated from the newly established University of Papua New Guinea in 1970 where he had done a course in creative writing. He went on to become the acting Superintendent of Primary Education in PNG and PNG's High Commissioner in Canberra.



Book review by Arabella Koliwan

The novel follows the story of Hoiri Sevese, a young boy growing up in Moveave village in the Gulf Province. The book begins in pre-war New Guinea and through the story, setting and characterisation the reader is exposed to the rich tapestry that is the Moveave culture. There is a wealth of information conveyed about village life, male/female roles, attitudes towards sex, spiritual beliefs and customs and rituals.

As the story progresses, the reader is shown the effects that colonialism and World War II have on traditional life and the dilemmas of the conflicting European and traditional values.

We first meet the central character, Hoiri, at the age of seven. His world has just been turned upside down by the untimely death of his mother. As Hoiri grows up he is faced with many hardships. It is often a struggle for him to accept the European ways. At a young age he marries Mitoro and while on a government patrol she is taken by a crocodile. He begins to raise their son on his own and when the war breaks out he is forced to be a carrier for the Australian army. All his experiences and tragedies eventually lead to his state of hopelessness.

It is through the characters that the male and female roles are communicated. Hoiri, his father Sevese and cousin Meraveka collectively encompass all that a man should be in Moveave.

Sevese and Hoiri are depicted as dedicated heads of their respective families. They provide for their families and for the education of their sons.

Hoiri and Meraveka are strong young men who participate in hunting and house building and are chosen as carriers on government patrols. In the same way the women who appear in the book are used as tools to demonstrate the role of women in the village. Mitoro and Sauae do the gardening, look after the young children, go fishing, make sago and care for the family in the absence of the men during the war.

As the lives of male and female characters are explored, so are their attitudes towards sex. Eri used this particular aspect of the Moveave culture to demonstrate the clash of European and traditional values.

In Moveave, sex is talked about freely and promiscuity,

rape and sex before marriage are socially acceptable despite villagers adopting Christianity.

Through the story Eri is able to reveal significant customs and spiritual beliefs of the Moveave people. Both the death of Hoiri's mother and wife Mitoro are blamed on sorcery. Sorcery is still an integral part of the Moveave culture even though the church has tried hard to abolish it. After Mitoro's death the cultural significance of the crocodile is also discovered.

The crocodile is an ever-present threat to the villagers. It is believed that crocodiles are controlled by sorcery. The crocodile hunt that the young men of the village embark on to avenge the death of Mitoro is another reminder of how deeply entrenched traditional beliefs are still in the lives of the villagers.

The crocodile is unique in that it portrays colonialism from a native's point of view. Eri sheds a very negative light on colonials and their attitudes towards local villagers. He depicts colonials as arrogant, ignorant and bullies with a harsh disconnected way of life. All of these are encompassed in the character of Mr Smith, the patrol officer. His ill treatment of the men in his patrol, his attitude of superiority and his generally poor behaviour are intended to make the readers sympathetic towards locals.

Eri uses the character Hoiri to convey the effects of colonialism on traditional culture. The era in which the story is set is a time of rapid change. The church has firmly established itself in the village and turning the villagers away from their traditional beliefs.

Hoiri's generation is already starting to be out of touch with the traditional ways. For example, when Hoiri seeks revenge on the sorcerers who caused Mitoro's death, he feels helpless because the European world can't provide

him with justice since it rejects the idea of sorcery. Hoiri can't turn to traditional ways (sorcery) to help him avenge his wife's death because that aspect of the culture is kept in the shadows. In addition, men are being lured to the city away from their families and their gardens.

When Hoiri meets his uncle in the city, he is ashamed that the man he admires is reduced to nothing more than a slave doing what he considers women's work such as washing clothes.

The effect of war on life is also illustrated in the book. Hoiri is taken away from Moveave for a few years, as was the case for many young men during that time.

The villagers were more or less forced to help the Australians during the war, it didn't matter that they didn't understand the fight. During the war Hoiri also gains a new perspective about Australians when he meets a kindly soldier. The contrasting descriptions of the soldier and Mr Smith again make the reader sympathise with the local people.

As a method of keeping the book authentic Eri uses many Toaripi words such as elavo (men's houses). He is biased towards the locals and even uses the crocodile as a symbol of colonialism. In the same way that the crocodile is a menace to the village, colonialism is a threat to traditional life. By using the symbol of the crocodile Eri makes colonials seem like ruthless beasts.

The Crocodile is an important piece of Papua New Guinea's literature. It documents clearly the traditional life in a Papuan village in pre-war times and reveals how deeply colonialism affected that lifestyle. The story and characters are very effective in presenting a sympathetic view of the lives of Papuans in colonial times.

• *Arabella Koliwan is a Year 11 student at Port Moresby International School.*

Moveave children in the Sunday best.



NARARA DOES PNG PROUD



By Kora Nou

Papua New Guinea turned another chapter in its already colourful aviation history on November 25, last year when Captain Granger Narara became one of the first commercial pilots in the world to takeoff and land the world's largest commercial jet, the mammoth 560,000-kilogramme Airbus A380.

Dubai-based Captain Narara was one of only eight Emirates Airlines pilots chosen by Airbus Industries to fly the Airbus A380. He was able to perform two touch-and-go landings at the Ras Al Khaimah airfield in the United Arab Emirates on that day.

Narara said: "When I was given this lifetime opportunity by Airbus Industries to do some circuits on the Airbus A380, I realised that this was the going to be one of the highlights of my 29-year career and a memory I would cherish forever."

Narara has been the chief pilot of the Airbus fleet in Emirates for the last three years and responsible for the company's 45 Airbus aircraft flown by over 850 pilots.

"I was extremely proud as a Papua New Guinean to be one of the first pilots in the world for such an honour. It



Captain Granger Narara stands in front of the new Airbus A380.

is a feather in the cap for PNG aviation as the country is known in aviation circles as one of the most difficult yet rewarding places in the world to fly in.

"Many of the pilots now employed by the Emirates have



Captain Narara at the cockpit of the Airbus A380.

flown in or through PNG during their flying careers.

Narara said he is “a product of the PNG system” having done his primary education at Banz Primary School in the Western Highlands from 1965-1970, when his father was a carpenter for the Nazarene Church at Kudjip in the Wahgi Valley.

He completed his secondary education at Ukarumpa High School near Kainantu from 1971-1976. He then applied for a scholarship and was selected for flying training in 1977 in Cessnock, New South Wales.

On completion of his training, he joined Air Niugini in April 1978 as a cadet First Officer on Fokker 27s. He was privileged to fly with some of the early national pioneers of PNG aviation such Captain Minson Peni and Captain Nat Koleala.

He said his 13-year career with Air Niugini included a three-year secondment to Talair (1979-1982), which saw him progress to Dash 7 as captain. While there he became the first national to become an airline instructor, training both expatriate and nationals to fly the Dash 7.

He then flew the Fokker 28 as captain and instructor for two years before being promoted to the international fleet. He was the First Officer on the very first fully national crew operated international flight from Brisbane to Port Moresby in 1988 in an Airbus A300, with Captain Lekwa Gure, his good friend, in command.

At 29 years, he was promoted to the Airbus A310 as captain in 1989 and was on the delivery flight for this aircraft from Toulouse, France.


In 1991 after the first Gulf War in the Middle East, Air Niugini won a contract to lease one of its Airbus A310s to an airline company in Bulgaria.

He trained the Bulgarian pilots out of this eastern

European country to fly to Singapore via Dubai and across the Atlantic to Ottawa in Canada and New York.

“It was during this time that Emirates offered me a job due to their proposed expansion. They only had five aircraft and 110 pilots when I joined them as an Airbus A310 captain and instructor in November 1991. Since then, they have expanded and now have 86 wide-bodied aircraft and 1300 pilots.


“Future expansion plans are to add another 90 aircraft and 1500 pilots in the next 7-10 years, including 45 Airbus A380 aircraft, the biggest order for this type of aircraft in



GALA
ENTERPRISES

Sepik Adventure Tours


EXPERIENCE PAPUA NEW GUINEA



WE HAVE THE SEPIK REGION COVERED

Gala Enterprises Ltd
P.O. Box 248,
Wewak East Sepik
Province 531
Papua New Guinea

Ph: 675 8561516 or 8562525
Email: adventurepng@datec.net.pg
Website: www.ambuntlodge-sepiktour.com.pg



Welcome to the
Mystical Sepik

the world.”

Narara says that in the competitive world of aviation, PNG pilots are well respected for their professional integrity and ability.

“Along with my other pilot colleagues in the Emirates, I am very proud to be able to hold up and fly the PNG flag. Our training and experience in PNG in both civilian and military aviation has given us a solid background to take on and succeed against the best in the world,” he said.

The other highly acclaimed PNG pilots with him are his own brother Tim; James Makop from Mt Hagen, Western Highlands Province; and Locklyn Sabumei from Goroka, Eastern Highlands Province.

Captain Narara, from Dobu Island in the Milne Bay Province, said the Airbus A380 aircraft is the second production model and is being used for certification testing. It can carry 555 passengers in its double-decker fuselage.

A fully loaded Airbus A380 is capable of flying non-stop from Port Moresby to Los Angeles. Currently, the shortest route to get to Los Angeles from Port Moresby is via a stopover in Singapore.

At the time of writing this story, the Airbus A380 has only

been flown by the manufacturer’s test pilots, making Captain Narara’s achievement all the more gratifying for a country and government that has been fighting to correct a persistent negative image, thanks largely to media reports that originate from abroad.

Thirty years on, even overseas-based academic commentators have been quite vicious in their ‘expert assessment’ of Papua New Guinea’s fortunes.

In recent months, the term “failed state” has been unfairly associated with this country, a view understandably, not too many Papua New Guineans will easily identify with.

Particularly so for Prime Minister, Sir Michael Somare, who incidentally was in Dubai soon after Captain Narara made his momentous flight. Sir Michael was returning from a Commonwealth Heads of Government Meeting in Malta.

“I have always said that given a level playing field, Papua New Guineans will hold their own,” Sir Michael said proudly when congratulating Captain Narara.

Narara said they “can’t stop talking” about Sir Michael’s visit as it made them very proud as Papua New Guineans living so far away from home.



Captain Granger Narara (left) with PNG Prime Minister, Sir Micheal Somare (centre) and younger brother Captain Tim Narara.





Special weekend rates available at all properties.

Coastwatchers Hotel

P.O. Box 324, Madang
Tel: 852 2684 Fax: 852 2716
E-mail: coastwatchers@coralseahotels.com.pg

Gateway Hotel

P.O. Box 1215, Boroko NCD
Tel: 327 8100 Fax: 325 4585
E-mail: gateway@coralseahotels.com.pg

Ela Beach Hotel

P.O. Box 813, Port Moresby NCD
Tel: 321 2100 Fax: 321 2434
E-mail: elabeach@coralseahotels.com.pg

Melanesian Hotel

P.O. Box 756, Lae
Tel: 472 3744 Fax: 472 3706
E-mail: melanesian@coralseahotels.com.pg

Bird of Paradise Hotel

P.O. Box 12, Goroka
Tel: 731 3100 Fax: 732 1007
E-mail: thebird@coralseahotels.com.pg

Highlander Hotel

P.O. Box 34, Mt. Hagen
Tel: 542 1355 Fax: 542 1216
E-mail: highlander@coralseahotels.com.pg

Lamington Hotel

P.O. Box 27, Popondetta
Tel: 329 7222 Fax: 329 7065
E-mail: lamington@coralseahotels.com.pg

Huon Gulf Motel

P.O. Box 612, Lae
Tel: 472 4844 Fax: 472 5023
E-mail: huongulf@coralseahotels.com.pg



Serviced Apartments in Port Moresby, Lae, Goroka and Mt Hagen



Surprise someone special

With a Coral Sea Hotels Weekend Voucher



State-of-the-art conference facilities

Coral Sea Hotels

Toll Free Reservations: 180 20 20

E-Mail: sales@coralseahotels.com.pg Website: www.coralseahotels.com.pg



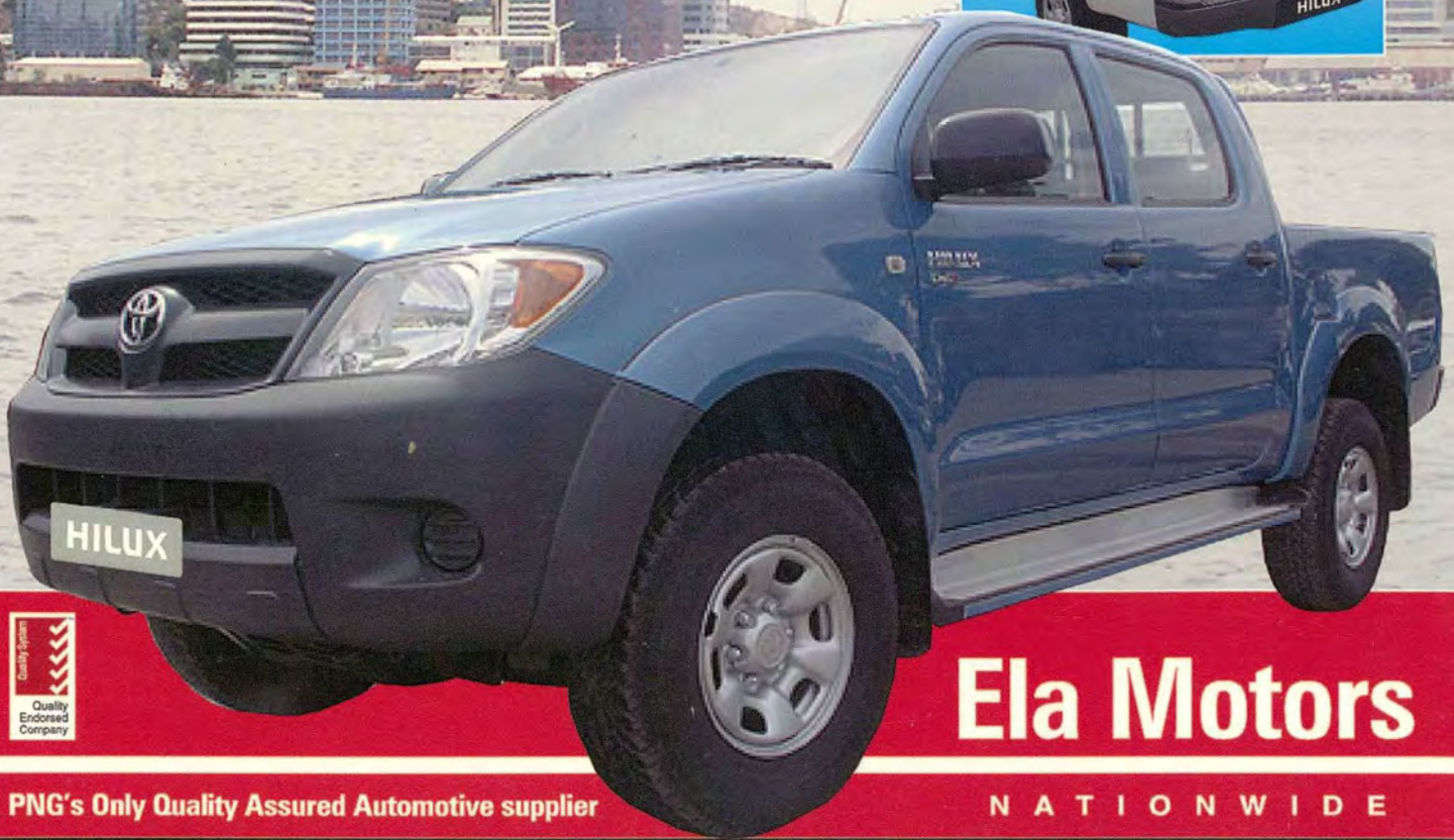
 **TOYOTA**

HILUX

PNG's Top Selling Vehicle

**With More Power, More Space and Style,
the ALL NEW Hilux sets the standard in
the South Pacific**

**Available Double or Single cab
with, 4x4 or 4x2.**



Ela Motors

PNG's Only Quality Assured Automotive supplier

NATIONWIDE

PORT MORESBY PH 3229400 • LAE 4781800 • KOKOPO 9829100 • MADANG 8522188 • GOROKA 7321844 • MT. HAGEN 5421888 • WEWAK 8562255
KAVIENG 9842788 • KIMBE 9835155 • TABUBIL 5489060 • VANIMO 8571254 • PORGERA 5479367 • BUKA 9739915 • LIHIR 9864099 • ALOTAU 6410100

Visit our website - <http://www.elamotors.com.pg>