



# Mamautari Newsletter

MFMRD Bairiki, Tarawa P.O Box 64 Phone no: 21099 Fax no: 21120

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Kanoan am Beeba iteranibaa

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## Rongorongo aika Kimototo.

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## \$1.2 MILION NAKON ANA NAMBWA 1 ACCOUNT KIRIBATI



(Oryong 708, Longline, KOFA)

*Teuana ibuakon wanibwi ma onoua (86) ana tuua ni kaibuke te kambwana ae te Korean Overseas Fisheries Association (KOFA). Te kambwana aio are e raitienti n akawa ni Marawan Kiribati ao man tia naba ni kabwaka ana roo n akawa ibukiia ana kaibuke ake a teimatoa ngkai n akawa ni marawan Kiribati. Noora bwaninin rongorongona ni iteranibaa 2.*



**BEAKED WHALE**, teuana ibuakon utuun taian kua are e katautauaki bwa iai ana species ae kaokoro are ea tibwa noraki I Kiribati.

Aio are e kauuekea te nano ni kakaae mai tinanikun Kiribati n te aro are e a mena ngkai temanna rabwatan te tia rabakau ibukin karaoan te kakaae iaon rongorongon te aekaki ni kua aio.

*(Nora bwaninin rongorongona ni iteranibaa 4).*

Tamnei man te internet.

# Rongorongo *man te* FLEU

## \$1.2 Million Nakon Ana Namba Teuana (1) Account Te Tautaeka ni Kiribati

*Te mwaiti ae teuana tengaa te mirion taaran Amerika bon roon ana Kaibuke n akawa te kambwana ae te Korea Overseas Fisheries Association ke KOFA are e kabwaka ibukin rooia ana kaibuke n akawa aika wanibui ma onoua mwaitiia ake a raitienti n akawa ni marawan Kiribati. E karaoaki te bwakamwane aio n tain bowiin .....i NewZealand. Ake a tei mai Kiribati bon te minita n te Botaki n Akawa ao Karikirakean Kaubwaira mai Marawa, Hon.Taberannang Timeon n raonaki iroun te moan tia Koroboki ae Ribanataake Awira ao te Director ae Kintobwa Tearo.*

Oin te bowii aio bon kabouakin boraraoi ibukin ririki aika 2009-2010 ake a tia n toki taiia man ana bootaki n mwakuri te tautaeka ae te Ministry of Fisheries and Marine Resources Development ao kaain te

kambwana n kaibuke mai Korea are ea kinaki n arana ae te Korea Overseas Fisheries Association.

Iaan nooran nakoraoi te reitaki imarenaria rabwata ni mwakuri aika uoua aikai ao e kakoauaki bwa te mwaiti are \$1.2 m te taara n Amerika ea tia ngkai n rin n ana akaunti te tautaeka are te nambwa 1.

N reitaki ma anne ao boni iai naba te mwaiti ni mwane ae US\$86,000 are a bon tia naba n rin n te akaunti nambwa 4. Aio are bon te bwakamwane ibukiiia Observers ake ana tokarii ana kaibuke te kambwana n kaibuke aei.

### Roko n tokina te reirei nakoia nakoia Obsevers.

**E roko n tokina n te katenibong ae nako te kataneiai nakoia 32 Observers mai Kiribati are kairaki irouia uoman ana aomata te Forum Fisheries Agency.**

E karaoaki te kainin n ...bongin July...n .....i.....

n rongorongon te reirei aio ao e taekinaki te mwaiti 32 ao a manga bwenauaki inanon uoua te kurubu. Te moan kurubu a karaoa aia reirei n ana tabo te Fisheries Training Center I Bikenibeu ao te kauoua ni kurubu a karaoa aia reirei n ana tabo te Marine Training Center I Betio.

N reitaki ma anne ao e karaoaki te kaibibiti irouia kurubu n reirei aika uoua aikai ni 22 bongin June.

Kaain te moan kurubu ake a mena ngkoa n te FTC Bikenibeu, a mwaing nakon te MTC I Betio ike a nang manga waaki n reiakinaki aron tararuaan mauriia riaon kaibuke n akawa ao naake te kauoua n kurubu ake a mena n te MTC Betio, a manga mwaing nakon te FTC ike a reiaki-

naki iai oin tabeia nako iaon kaibuke.

Temanna (1) maibuakoa naake taan kataneiai ibukin te observer, e a tia ngkai ni kitana Kiribati n te kauabong ae 30 iai bongin te namwakaina ae June.

E taekinna te Observer Coordinator Mr Tekirua Riinga bwa teuaei ea bon kaman tia n karaoa ke n reke ana bebwa are ena karekea man te MTC Betio n te aro are eaki kainanoa te manga reirei are ena karaoaki n te MTC.

Teuaei bon Peteru Mamoe, 43 ana ririki ni maiu ao kain te aba ae Arorae ao Tuvalu. Imwain ae riki bwa Observer ngaia ao e mwakuri bwa te Instructor n te Marine Training Center ike e anga iai te reirei iaon te tiri ai nakoia ataein te MTC.

## *Auara ngkai taan bitineti ao iokinibwai n marin nako ana*

E bon waaki naba ngkai aron aia kakamwakuri taan bitineti ao iokinibwai n manin ana marawa abara ike ti kakoaua bwa angina ngkai a bon tokarii aia ka uoua n kanakobwai nakoia aia itoman i aban tinaniku.

N te tai aei ao bootan mwaitiia kambwana ni iokinibwai aikai e nakon ae tengaun ma uoman (12).

Bon bwanaan te bootaki n mwakuri aio n kakaitau nakoia taan iokinibwai aikai riki ngkai a tia n waaki ma te nakoraoi ao te kakaonimaki n irakin nanon taia n kainbaire ake a tia n baireaki.

### **Ko kainanoa tannam ibukin am kainaomata?**

E kukurei ni katanoata am Kambna ae te Central Pacific Producers Limited bwa a manga roko naba ngkai inanon baina iika mai iaon aba aika booureirei n aron aikai;

- Ikanibong
- Morikoi
- te rereba
- te rabono
- te kiika
- te were
- te ibo
- te nnewe

Ao a mwaiti riki.. Boni iai naba irarikin aikai ara bwai aika a tia aroia ao man tauraoi nakon te kanaki ke te kuukanaki n aron aikai,

- Fish-ball ibukin am tuubu.
- Tuna- jerky ibukin am katena wii ngkoe are ko baina te nangkona ke te moo manging
- Fillet ba ko aonga n aki kua ni imaima
- Tuna-loin tii irikon te ika are ea tia ni mwai ao ni karauaki ni bake-tenaki ao mani kawakinaki raoi inanon te aiti. Aio are ena bon rang bongana ibukim ma am utu ngkai e bon rang materaoi kanoana ao mani bunnai naba nakon kanoan te



# Rongorongo *Man Te* Planning Unit

## Tauraoi bwain auti ni kamwaitoro I Tabiteuea Meang ao Tabiteuea Maiaki.

A tia ngkai n roko inanon bain te botaki n Akawa ao Karikirakean Kaubwaira mai Marawa bwaai ni kateitei ibukin auti ni kamwaitoro I Tabiteuea Meang ao Tabiteuea Maiaki ao man tauraoi naba ni karaaiaki nakon abamakoro aikai iaon baoia ae MV Teuangkerio.

Aio bon kakoroan nanon te karikirake iaon auti ni kamwaitoro n abamakoro aika Tabiteuea Meang ao Tabiteuea Maiaki are ana tauraoi ni koro nanaoia inanon namwakaina rake aikai. Aio are e kaotaki n ana ri-booti te Aobitia are tararua te Planning Unit. E kaotaki naba bwa bwain auti ni kamwaitoro aikai a roko inuukan te namwakaina aio (June) ao are a tia naba ngkai n tokaranako

MV Teuangkerio inanon te wiiki ae nako. N rokon bwaai ni mwakuri aikai n aaba aikai ao ea wakinaki naba te kateitei. E kantaningaaki bwa inanon 3 namwakaina man te tai are a roko iai bwaai ni mwakuri aikai ao ana riai ni bobonga auti ni kamwaitoro n abamakoro aikai.

Mauri construction ngaia are ena kaira waakin te mwakuri iaon Tabiteuea Meang ao Antaai Construction ibukin Tabiteuea Maiaki.



Te auti ni Kamwaitoro I North Tarawa.

Iaoni kawaina ngkai ni bobonga te auti ni kamwaitoro iaon Tarawa I eta. E kantaningaaki bwa ena bobonga te mwakuri iaona inanon wiiki rake aikai. Ai bon ti katamaroan itera tabeua aika a uarereke inanon te auti ni kamwaitoro ao tabeua riki. E kantaningaaki bobongan te mwakuri inanon te namwakaina ae boou

# Man Te Fisheries Division

## Karaoaki te kakaae iaon te aekaki ni kua ae boou are kuneaki I Kiribati

E mena ngkai I Kiribati temanna te tia rabakau man te kuura ae rietata mai New Zealand ibukin karaoan te kaakae iaon te aekaki ni kua ae boou are e noraki n te abamakoro ae Tabiteuea Meang inanon te ririki 2003. Mr Al Hutt ngaia are ena karaoa te kakaae aio ao n raonaki irouia uoman aobitia man te Fisheries ao uoman man te Environment.

E mananga teuae man te Oregon State University mai Newzealand. Karaoan te kaakae aio bon taorimwian rorongoron te kua are e kabutaki irikona nakoia irua n tain te botaki teuana iaon Tabiteuea Meang. Temanna mai buakoia irua bon te ianena mai NewZealand are e kataia ni uota rikaaki irikon te kua anne nako abana ibukin karaoan te ukeuke iaona.

Ibukina ba e tauaki te iriko ni kua

anne man te custom iaon NewZealand, ao eaki raoi bwanin rorongorogona n te aro are n te tai aio ao ea kaokaki temanna ibukin kabwaninan raoi rorongorogona.

Iai te katautau bwa te kua aio bon teuana ibuakon utuun te aekaki ni kua ake a bwaoua wiia ke aranaki bwa taian "beaked whales" ao are ai bon tibwa te moan tai naba n noraki.

Te kakaae aio ena karaoaki n abamakoron Kiribati aika Onotoa, Tabiteuea Meang ao ai Butaritari.

## Uoman ana iruwa Fisheries Division nakon boong rake aikai.

**Iai uoman ana irua te botaki n Akawa aika katautauaki rokoia nakon te week ae ena roko. Naakai bon Dr.Vina ao Ms. Deirdre.**

Ms.Deirdre e katautauaki rokona n uoua (2) bongin July 2009. E mananga neiei man te Secretariat for the Pacific Commission (SPC) mai Noumea ao oin rokona iaon Kiribati ena bon karaoa te kakaae iaon kanakoroan te kareke rorongorongo ao te koro ribooti iaon kaubwain marin ara marawa.

E mwanenaki mwanangan neiei man te SPC I Noumea ao ena kabanea teuana (1) te week ni mwakuri ma kaain te botaki n Akawa.

E katautauaki manga okin neiei inanon November te ririki naba aio ike ena karaoa iai te anga reirei nakoia Fisheries Assistant iaon aba ao bon nakoia naba ana taan mwakuri te botaki n akawa I Tanaea. Ena

mwanenaki okin neiei ao ana anga reirei man te Western ana Central Pacific Fisheries Commission (WCPFC). Te komitin are tararuaa ikan marawan aban te Betebeke.

Dr.Vina e katautauaki rokona ni itiu (7) bongin Tuurai. E mananga neiei man te kuura are rietata I Biti ao ena raonaki irouia ataein Kiribati ake a kareke beebea n te kuura aio. Bukin rokoia ana bon karaoa te kareke rorongorongo moa imwain are ana karaoa te kakaae iaon akawa ake a urubwai nakon marin ara marawa.

Ana kabanea teuana te wiiki ni mwakuri ma n raonaki irouia ana aonitia te botaki n akawa mai Tanaea. E mwanenaki rokoia naakai iroun Taiwan rinanon te rabwata ae te South Pacific Regional Environment Program (SPREP) are mena I Western Samoa.

## Kaongoraa man te aobiti

Imwin te mananga are karaoaki I Tabiteuea Meang ao Tabiteuea Maiaki ao kaain te tiim aio a bon wakina na ni iburoki ni karinan waare imwin te mwakuri ni kareke rorongorongo ke te maroro iaon kaubwain marin ara marawa ni iko-taki ma te katei ao te maiu are e kataoaki n abamakoro aikai.



*Karinakin taian ware iaon te computer iroun temanna te aobitia man te Fisheries Division.*

## Katanoata man te aobiti.!!!

Nakoia aomata nako ai moara riki taan iokinibwaia te kereboki.

Bon te bubutii man te aobiti bwa e tabuaki kabekaan te kereboki I taari ike ena kona ni karekei kanganga nakon marin marawa ake tabeua.

Ngaia are ai bon te kauring bwa kam na karaoa ami kabekabeka I aonteaba ao man riai naba n taunna.

Iai te rekenikai nakon ane e kuneaki ni karaoi mwakuri aikai.

Kam raba



*Aikai a tii kona n reke man te Central Pacific Producer Limited n te baa de miteraoi....!*

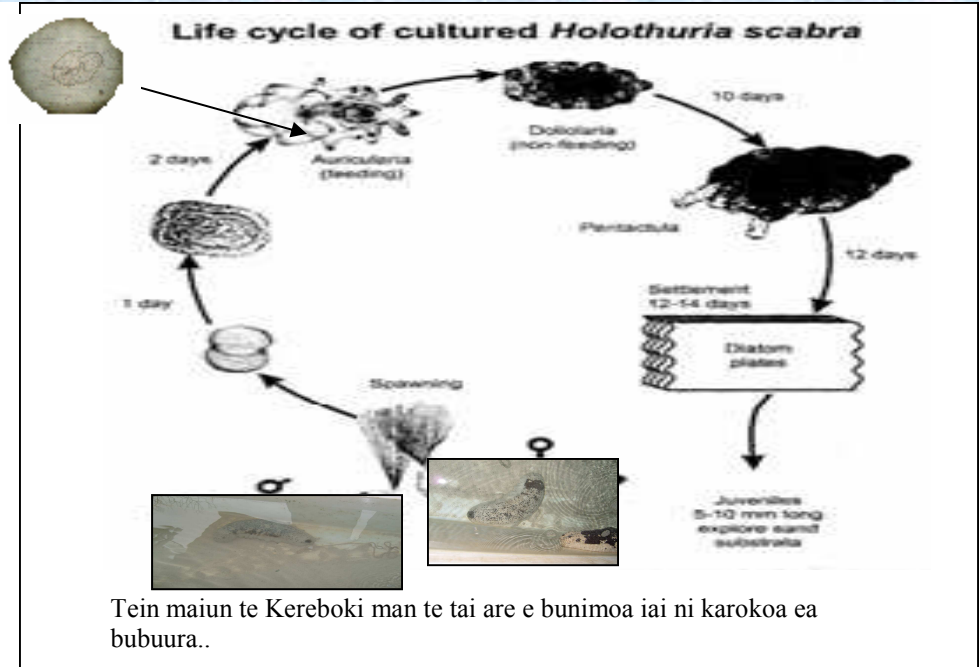


KOA TIA NI KATAI ANAKAKARAOI  
AM KAMBANA AE CPPL??? ROKO  
NORI N ARA I BETIO AO N ARA  
BRANCH NAKO...



## Reitan rongorongo man te Fisheries Division

### Karaoaki te kaabung iaon taian kereboki.



Iai 30 aia tina ni Kereboki kain te botaki n akawa ni mangana are tabe ma te kabung, are a karekei man te abamakoro ae Onotoa n te namakaina ae May ake a tiku ni kawakinaki n aia tabo ni kabung are I Tanaea.

N te bong ae 24 June, 2009, ao e a karaoa iai ana kabung kereboki te botaki n akawa I Tanaea n te aoa 10 n te ingabong.

Imwain ae a wakina aia kabung kereboki ao bon iai bwaai aika a renganna ma aia ran are a mena iai aia tina ni Kereboki n te tangke n aron ana tari te kereboki mwane (sperm) ao ai kanan te kereboki ae aranaki bwa te livic are e roko mai Tiaban. Mai buakon aia tina ni Kereboki aikai ao a moan katina-koa moa aia tari kereboki mwane (sperm) aika 5 maitina 11.02 am. Imwina tao 11.50 ike a tibwa kati-

nakoa aia bunimoa kereboki aine (eggs). 12.45 ao a ikotaki iai ana tari ma ana bunimoa te kereboki bwa aonga ni fertilize. Iai uoua ngkai tangke are a kawakinaki iai bunimoan kereboki ake a tia ni fertilized. Tank A bon 12 million te bunimoa ma ana fertilization rate ae 99.8. Tank B bon 2 million te bunimoa ma ana fertilization rate ae 99.4

Ngkai ao a tiku ni kawakinaki n tangke bunimoan kereboki aikai ni karokoa te tai are tao a roko n te abaki ae 10mm nakon 20mm abakiia ao ana manga tauraoi ni kana-koaki nako marawan abamakoron abara ae Kiribati ma te moani bwai bon te abamakoro ae Onotoa ike a karerekei mai iai aia tina ni Kereboki

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# Mineral Units

## **Bowiin te International Seabed Authority.**

Te rabwata ae te International Seabed Authority bon te botaki ae inao-mata n te aonnaba are tabe ma aron kaubwai ake aki maiu ma a reke mai marawa. E kateaki te rabwata aio n te ririki 1982 ao ni kinaki iaan tuan marawa are te UNCLOS 1994. Inanon te rabwata ke te botaaki aio ao iai 158 aaba inanona ao Kiribati ngaia naba kaaina.

Ni katoa ririki ao a kakaraoa aia bowii aaba inanon te rabwata aio n ana head-quarter te ISA are e mena I Kingston, Jamaica. Kiribati e iriiri naba bowiin te rabwata aio n aron are karaoaki inanon 22<sup>nd</sup> bongin May nakon 5<sup>th</sup> June te ririki aio.

N reitaki ma anne ao boni iai taabo aika uoua inanon te marawa ake a kawakinaki ao man mena iaan ana tararua te botaki ae te ISA. Teuana e mena inanon marawan te Betebeke ao n aranaki bwa te Clarion-Clipperton Fracture Zone ao teuana e mena n te Indian Ocean. A ataki taabo aikai bwa e korakora iai reken kaubwai ake aki maiu n aron taian opals ao a mwaiti riki.

Ibukina bwa taabo ake a katanaki iaan te ISA ao ni kabane aaba ake kain te rabwata aio a bane ni bwaibwai iai. N te aro aio ao kambwana ma bootaki I tinanikun te ISA ake a kan karekei kaubwai aikai ana riai n raitienti rinanon aaba ake a kaaina te rabwata aio.

Ni bowiia aban te ISA ae nako aio ao bon iai bwaai aika kakawaki ake a maroroakinaki n aron aikai:

- Aia bubutii kambwana tabeua nakon Nauru ao Tonga ibukin karekean aia tabo n te Clarion- Clipperton Fracture Zone ibukin anaakin kaubwai ake aki maiu. Ngkana e nakoraoi mwiina ao ena riki bwa teuana te katotoo nakoia aaba ake a uarereke n aron Kiribati tabeua aban nako te Betebeke.

- Karaoan taian kainibaaire ibukin kaubwai aika aki maiu ma reke man te marawa bon teuana naba kanoan te bowii aio. Te itera aio e bon rang kaka-waki nakon Kiribati ibukina bwa iai naba inanon ana marawa taian kaubwai aikai ma a tuai moa konaa ni kamatoa-aki aron anakiia ngkai bon akea naba ae mwaatai iai.

Iai te mwaiti ae US\$3 te mirion are e tia ni karinaki ao man rakan te mwane aio are ena kona ni kabonganaaki ibukin karaoan taian reirei ake ana boutokaa aron ana waaki te rabwata aio. E aranaki te mwane aio bwa te ISA Endowment fund.

Iai te reirei are ena tauraoi ni karaoaki inanon October nakon November te ririki aio n te tabo ae te National Institute of Oceanography. Te bwai ae kainanoaki ibukin te bubutii ena bon riai n tia n reke am beeba ae te Degree ao ena toki butimwaeen bubutii n 1<sup>st</sup> July 2009. Ena mwanenaki te reirei aio man ana mwane ni buoka te ISA aei Ake a tei mai Kiribati n tain te bowii aio bon te kauoman n tia Koroboki ae Botii Nauan ao n raonaki iroun te Mineral Officer ae Reenate Tanua.

## **Kauarerekea te kai rootaki I mataniwiin te aba!!!!**



Te tamnei aio e kaota aron rikira-ken tangiran ao kainnaoan te tano ma te atama iaon Tarawateinani-nano.

Irarikin anne ao te tamnei aio e kaotii naba kanganga aika a riki man te waaki n anai tano ao atama ake ngaia aika a kakorakora aron te kai rootaki nakon mataniwiin te aba.

Te tano ao te atama a kona n riki bwa bwaai aika kakawaki ibukin kamanoan mataniwiin te aba man korakoran taian nao ake ana roko nakon mataniwiin te aba.

Ibukina ngkai e nooraki kainanoakin te tano ao te atama irouia te botan n aomata ao boni iai taabo ake a tia ni katauaki ibukin anaakin te tano ao te atama.

Teuana te tabo ae tauraoi bon te kaora are n te dai Nippon cause-way.

Anaakin te tano ao te atama mai mataniwiin te aba e bon aki kaungaaki iaan kanganga aika rereke nakon mataniwiin te aba.

Buoka katana mataniwiin abam!!!!!!!!!!



# MANGA KAMAEUA TE SEAWEEED IBUKIN TE AONO NI KIRIBATI IROUN TE BOTAKI N AKAWA I TANAEA

(Seaweed Revival Plan for the Gilbert Group by Fisheries Division at Tanaea)

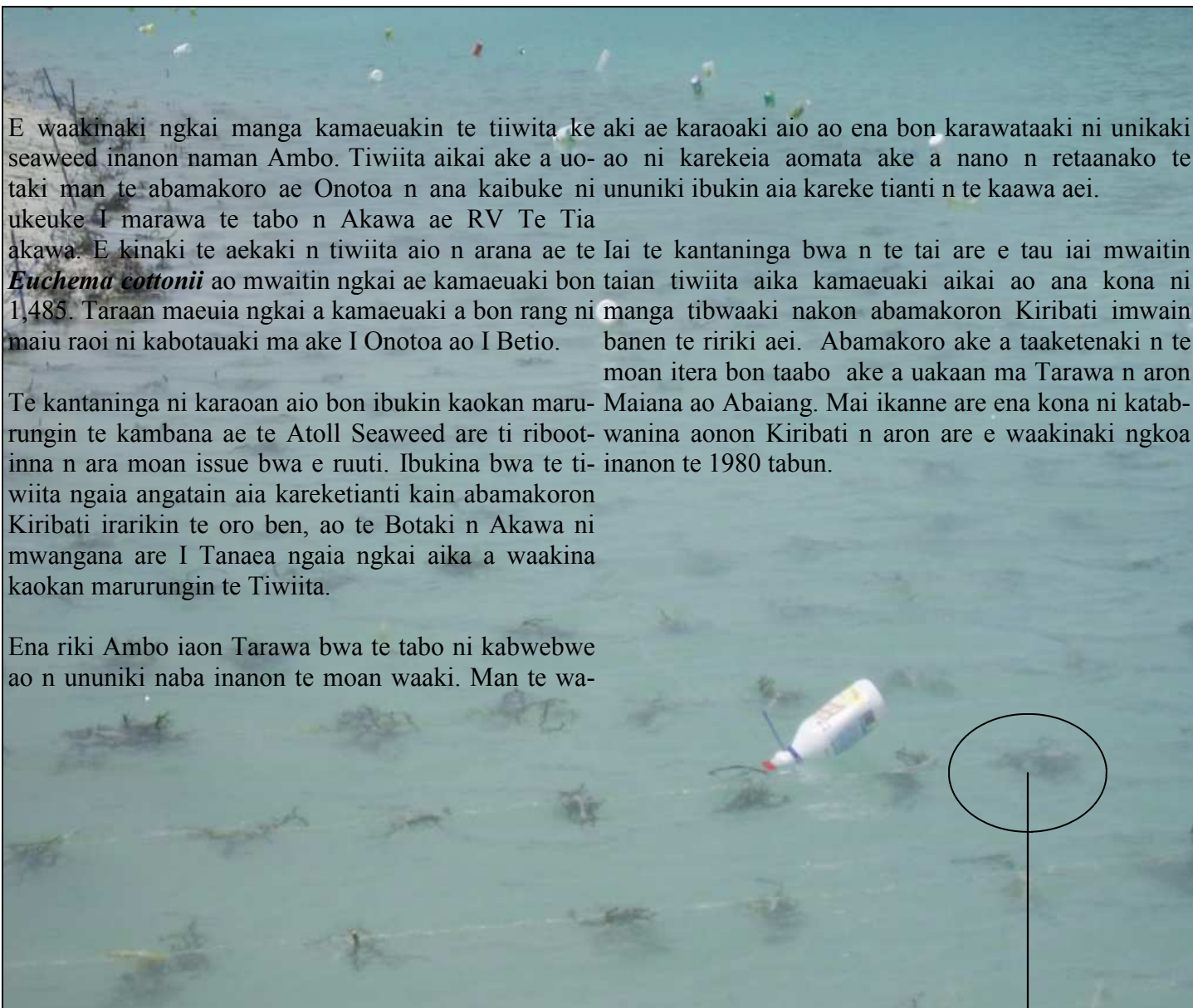
E waakinaki ngkai manga kamaeuakin te tiwiita ke aki ae karaoaki aio ao ena bon karawataaki ni unikaki seaweed inanon naman Ambo. Tiwiita aikai ake a uo- ao ni karekeia aomata ake a nano n retaanako te taki man te abamakoro ae Onotoa n ana kaibuke ni ununiki ibukin aia kareke tianti n te kaawa aei.

ukeuke I marawa te tabo n Akawa ae RV Te Tia

akawa. E kinaki te aekaki n tiwiita aio n arana ae te Iai te kantaninga bwa n te tai are e tau iai mwaitin *Euchema cottonii* ao mwaitin ngkai ae kamaeuaki bon taian tiwiita aika kamaeuaki aikai ao ana kona ni 1,485. Taraan maeuia ngkai a kamaeuaki a bon rang ni manga tibwaaki nakon abamakoron Kiribati imwain maiu raoi ni kabotauaki ma ake I Onotoa ao I Betio.

Te kantaninga ni karaoan aio bon ibukin kaokan maru- Maiana ao Abaiang. Mai ikanne are ena kona ni katab-  
rungin te kambana ae te Atoll Seaweed are ti riboot- wanina aonon Kiribati n aron are e waakinaki ngkoa  
inna n ara moan issue bwa e ruuti. Ibukina bwa te ti- inanon te 1980 tabun.  
wiita ngaia angatain aia kareketianti kain abamakoron  
Kiribati irarikin te oro ben, ao te Botaki n Akawa ni  
mwangana are I Tanaea ngaia ngkai aika a waakina  
kaokan marurungin te Tiwiita.

Ena riki Ambo iaon Tarawa bwa te tabo ni kabwebwe  
ao n ununiki naba inanon te moan waaki. Man te wa-



Karaoaki te kabae rain ibukin te tiwiita irouia kain te Botaki n Akawa mai Tanaea.

