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The Dolphin gazette

NEWSLETTER FOR THE DOLPHIN COMMUNICATION PROJECT

The Dolphin Communication Project (DCP) is focused on the dual goals of scientific research and education.

The Gazette Turns 20!

WOW! Our own newsletter is now into it's 20th issue! It is great to be able to continue to fill issues, now four each year, and share research, education and conservation updates with you. In this issue, we have a special essay contribution from MaryEllen Mateleska on marine debris. We have a few research updates, e.g., DCP's new collaborative study into dolphin and sea lion creativity at Dolphin Encounters (Nassau). We also have details about DCP's next research trip to RIMS (October 2016) and our newest behavior/physiology field course slated to begin at the end of December! It is fitting that Issue 20.1 is another packed Dolphin Gazette! I hope you enjoy it as much as we enjoyed putting it together.



Happy Reading!

Cheers!

Kathleen

In this issue

Wow, Issue 20! | RIMS eco-tour & field course | Guest Column: Marine Debris | Update from the Field | Memberships | VIMEO | Name-A-Dolphin | Announcements | Activity Time

Mailing Address

Dolphin Communication Project
 P.O. Box 7485
 Port St. Lucie, FL 34985
 USA

FL Solicitation of Contributions
 Reg. #: CH42894

Thank you Volunteers & Interns!!

DCP thanks Nicole Danaher-Garcia, for your help with data and video projects this winter! Without your assistance, DCP's data analysis and processing could not run so smoothly. Well done and thank you!

Internships

If you are interested in interning with DCP during a fall, spring or summer semester, more information is available on our website. Please note, most internships are office-based and do NOT include field work. Check out the web site before contacting us at info@dcpmail.org.

The Dolphin Gazette, Volume 20...

But we don't feel that old!

Thrilled. Honored. Amazed.

These are just a few of the words to describe our feelings as we share the first issue of volume 20 (that's right, twenty!) with you....

1997. In the United States, gas was \$1.22 and a movie ticket was \$4.59. The world mourned the deaths of Princess Diana and Mother Teresa, and Madeleine Albright became the US's first female Secretary of State. Mike Tyson bit Evander Holyfield's ear and the first cloned mammal was revealed. And, the first issue of the Dolphin Gazette was released, featuring Kathleen's work and data collection aboard the "Hanky Panky," but the Gazette was actually courtesy of Seaview Productions & Wild Dolphin Charters (WDC), not DCP. In fact, DCP did not even exist yet! Seaview Productions handled the Dolphin Gazette, which was released once or twice/year, until November 2001 when the Gazette officially became a joint effort by DCP & WDC. The Gazette has been DCP's outlet for sharing news with you through many more changes – our time affiliated with Mystic Aquarium & Institute for Exploration, stepping away from data collection off Grand Bahama Island, Bahamas and Mikura Island, Japan, beginning data collection at Bimini, RIMS, Dolphin Encounters and Zoo Duisburg. We've welcomed students who still haven't left (cough, cough, Kel, Justin & Nicole – not to name names!) and students who interacted with DCP for field courses, internships and volunteer positions. We've sold adoption kits, memberships and t-shirts. We've developed relationships with new colleagues and met countless dolphin-loving tourists. And we've shared all our wonderful news with you via the Dolphin Gazette. So, in this, the first issue of our 20th volume, we thank you, the reader, for following along. Hey, remember when...



Bodine Kids Camp appears in Vol 12 Iss 3 (2008) as our first Online Classroom Connection

...Kathleen shared her part in the filming of DOLPHINS, off Bimini (Volume 2, Issue 1). Who would have thought this would have sparked our long-term research there?!

...DCP announced its official recognition from the US IRS as a non-profit organization and our first membership program began (Volume 5, Issue 1)



Romeo (DCPID#10) made sure we didn't miss her during the 2013 Bimini research season (Vol 17 Iss 3, 2013)

...DCP's in-kind donation requests included VHS tapes! (Volume 6, Issue 2, among others)

...There were only 5 adopt-a-dolphins to choose from (Volume 7, Issue 1). Let's hear it for Freckles, Split Jaw, Swoosh, Juliette and White Blotch!

The Dolphin Gazette has had a few different looks over the years too. Try your hand at matching the look of the Gazette with the issue date on page 12.

Haven't read every issue since 1997? Don't worry. Catch up online – the Dolphin Gazette is in the Latest Buzz menu at www.dolphincommunicationproject.org. If you binge watch shows online, why not binge read the Gazette!

Stay tuned for many more issues to come,

~The whole DCP Team, present, past & future!

Join Kathleen at RIMS!

Join our October eco-tour or our January field course

Roatan: This is your year to join!

When: 22 - 29 October 2016

Our next field session at the Roatan Institute for Marine Sciences (Anthony's Key Resort) in Roatan, Honduras, is fast approaching. Our group will be limited to 14 participants and we already have eight participants signed up! The small group size ensures that participants get personal exposure to DCP's research. Learn more about this great program (including the amazingly special price!*) on DCP's Roatan Eco-tour Page (under Get Involved). And, if you're not sure what the week will be like, check out our 2015 field reports on DCP's blog page (under Latest Buzz) for a glimpse!

Cheers,

Kathleen



A trainer checks on a pair of dolphins
Photo credit: J. Anderson



RIMS ecotour participants experience DCP's research - and the dolphins - close up!

Photo credit: J. Anderson

What's that? A special price you say?

\$1600 ... drum roll please ... for TWO people!

That's right, for just \$800 per person,* you can enjoy lodging, 3 meals/day, airport transfers, entrance into Bailey's Key Wildlife Sanctuary, horseback riding, kayaking, hiking, SCUBA diving, snorkeling AND you assist directly with DCP's research. PLUS, a portion of your trip cost comes back to DCP, thereby directly funding our research & education programs.

Submit your \$200/per person, nonrefundable deposit today!

*\$800/per person rate based on double occupancy. For single rate, please contact DCP. Airfare, departure tax, alcohol, bottled water and soda are not included.

Animal Behavior & Physiology Field Course!

When: 31 December 2016 - 7 January 2017

Where: RIMS, Anthony's Key Resort, Roatan Island, Honduras

What: Field Course in Animal Behavior & Physiology with Drs. Kathleen Dudzinski & Shane Kanatous

College-level Students will be given first option to sign up.
Contact Kathleen (info {at} dcpmail {dot} org) for more details!

Internet Search: "Ocean"

It might surprise you...

Submitted by MaryEllen Mateleska

We've all "googled" ourselves at some time to see how many results we have and which photos we've posted over the years appear. When I searched "ocean" I expected to see photos of tropical reefs and charismatic dolphins and I did, but there were also photos of plastic bags, derelict fishing gear and entangled animals. These are the photos that serve as a call to action for each of us to become better environmental stewards and work to protect and conserve our ocean environments.



Creatures big and small find themselves entangled in human garbage.

Photo credit: NOAA

Among the many issues impacting the oceans and its inhabitants, marine debris is one of the most visible and is a problem which we all can help to solve. Marine debris is defined as any solid material trash that is manufactured and makes its way into the ocean, salt marshes or the Great Lakes. This is a broad definition that includes plastic bags, cigarette butts, and bottles to abandoned fishing nets, pots and ropes. Marine animals, including dolphins, can become entangled in or accidentally ingest this debris; while abandoned fishing nets or "ghost" nets will continue to catch prey for years.



Be sure to make use of monofilament recycling containers!

Photo credit: Boat US

It has been said that marine debris is everyone's problem and that together we can make a difference; this statement is true! There are steps each of us take that when amassed collectively can make a tremendous impact. The majority of marine debris starts on land, so disposing of trash in the appropriate manner is just the first step in marine debris prevention. You can be sure to recycle used plastic, glass and aluminum and find monofilament line recycling containers at many boat launches and state parks; there are even derelict fishing gear programs which recycle the steel from the nets and convert the remaining waste into energy.

If you want to do even more, you can participate in a local coastal/river cleanup or just bring a bag to pick up trash when to go on a walk. It may not seem as if one person can't make a huge impact, but over 16 million pounds of waste was removed from coastlines

in 91 countries in September 2014 alone through participation in the International Coastal Cleanup. Imagine how clean the oceans would be if each day, we all just cleaned up at least one piece of trash from a parking lot, the street, or the beach. Before you know it, the marine debris images will disappear from my Google search.

DCP is proud to conduct multiple beach clean-ups each year at our Bimini, Bahamas Field Site. Stay tuned this summer for photographs and updates from these efforts.

Are you about to do a shoreline clean-up? Share your photos and stories with us on Facebook!

www.Facebook.com/DolphinCommunicationProject



Congrats to all those who take time to prevent small or big piles of trash out of the oceans!

Photo credit: NOAA

Dolphin Encounters Field Update!

Submitted by Kathleen Dudzinski, PhD.

My return to DE included new colleagues and new research!



A bottlenose dolphin mom and her calf take a breath together.

With two colleagues (one from Sacred Heart University, SHU, and one from the University of Connecticut, UConn), I traveled to Dolphin Encounters (DE) in Nassau, The Bahamas, for a week of data collection from 30 January to 6 February. This visit pertains to a new research study between DE, DCP and research collaborators from SHU and UConn). With me, our team includes Dr. Deirdre Yeater and Dr. Dawn Melter (SHU) and Dr. Allison Kaufman (UConn). Drs. Melter and Kaufman joined me in Nassau earlier this month. Our study focuses on examining how creative dolphins might be by observing their responses to innovate (aka create new) cues from trainers. That is, the dolphins were asked to show a new behavior or action and to keep displaying new behaviors until they decided to stop. Or until they started repeating themselves! By

observing these behaviors, we can begin to examine the creativity level of dolphins. It was interesting to see how much individual personality seemed to factor into their creativity levels! That is, the females showed more novel behaviors first whereas the males seemed to chain their behaviors; that is, the males gave behavior A, then A and B, then A and B and C ... and so on.

We were able to collect 96 trials with the dolphins and the sea lions in total! We had at least 4 sessions with each animal and a few participated in 5 sessions. We collected 85 GB of video on GoPros and three hours of videotape. We also collected personality indices completed by the trainers of the animals (dolphins and sea lions) with whom they work regularly. In this way, we can compare the results we come up with from our observations/data collection to the trainers' understanding of the animal personalities. This type of study is different to the observational research that I regularly conduct; that is, I usually just observe dolphin behavior and interactions and record their vocalizations.



A little rain doesn't stop the dolphin care - or our research!



DCP may not become SCP, but we enjoyed including the sea lions at DE in our research!

You can review our field research at the DCP home page and/or field blogs as we posted a daily update when we were in Nassau and at DE! Drs Yeater, Melter and Kaufman will be busy reviewing the footage and confirming the data analysis protocol. We'll have an update later this year on the analyses progress.

Thanks for your continued support and for reading my update!

Cheers!

~Kathleen

DCP Membership Programs!

We know there is a membership just right for you!

DCP's Membership Program

Did you know that even small memberships go a long way to help DCP continue our research and education efforts?

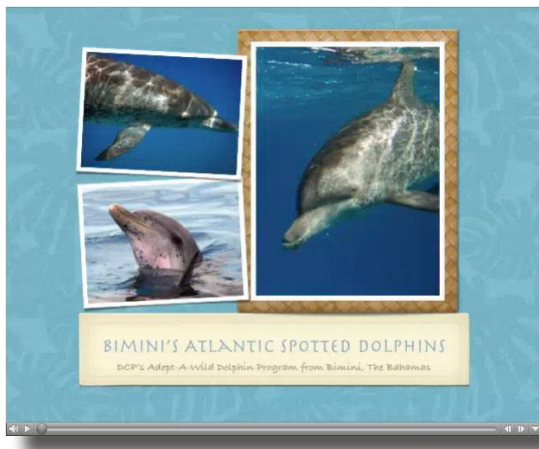
Did you know that you now have two ways to become a member? Via a one-time donation or via automatic monthly payments!

Sustaining memberships:

Choose your increment: \$5, \$7.50, \$10, \$15, \$20 or even \$100/month. Sign up once and your credit card or PayPal account will automatically be charged each month. No fuss. No muss. You can even choose a cool gift (dolphin memo pad or trading card!) as a thank you!

One-time memberships:

With membership levels accessible for all budgets, this membership options allows you to make your entire annual contribution in one go. Supporting, Contributing, and Patron members receive a copy of *Dolphins - The Lighter Side* DVD. Contributing and Patron members also receive a photo album featuring images and information about all of our adopt-a-wild-dolphins.



Student: \$20
Individual: \$30
Family: \$45
Supporting: \$75
Contributing: \$150
Patron: \$500

Show your support by becoming a member today!

<http://www.dolphincommunicationproject.org/index.php/shop/membership-program>

Prefer to shop to show your support? We have options for that, too!

Dolphin Adoption Bundle:

All year long, choose a Dolphin Adoption & add the PhotoBook to create a Bundle for just \$50 (includes shipping within the U.S.). That's a \$10 savings versus purchasing these items separately!

Bimini's Atlantic Spotted Dolphin PhotoBook:

Our Adopt-A-Dolphin 8x6 soft-cover photobook is available year round - as a bundle or sold separately. For \$30, you can admire the Bimini Adopt-A-Dolphins all year round!

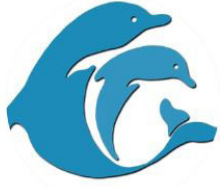
DCP's Florida Solicitation of Contributions registration number is CH42894.

DCP on Vimeo!!

Have you checked it out?

Dolphin Communication Project

Joined 4 months ago



Follow Message

The Dolphin Communication Project's mission is to promote the scientific study of dolphins and inspire their conservation. At DCP, we promote the scientific study of dolphins with emphasis into understanding their behavior, acoustics, communication, cognition, ecology, and more. We funnel our research results into engaging educational programs. We collaborate with other scientists internationally and across disciplines (e.g., acoustics, population dynamics, respiratory physiology, cognition, etc.) to better understand dolphin society and to inspire conservation and management programs.

dolphincommunicationproject.org

4 Videos 0 Likes 0 Following 0 Groups 0 Channels 0 Albums

Recently Uploaded



DCP - Bimini Video 2015



DCP 2015 Research Trip - Short



DCP & Wildlife Acoustics



RIMS Video 2013

Recent Activity

Dolphin Communication Project uploaded DCP - Bimini Video 2015

DCP has a new video page on vimeo!!

Check out the link below to see some of our most recent edited videos! Thank you to John Anderson, Terramar Productions, for helping set up this video viewing page on vimeo for DCP!

You can find DCP's videos on vimeo at this link:

<https://vimeo.com/dcpvideos>

There are currently four videos available for viewing:

Bimini Video 2015

DCP & Wildlife Acoustics

DCP 2015 Research Trip (RIMS)

RIMS Video 2013

Which video is your favorite?

What type of video would you like to see in the future?

We'll load new content regularly and sometimes announce new videos through the DCP blog posts. But, this site allows an easy way for folks to catch glimpses of the dolphins we study and learn about the new results or programs offered by DCP!

Videos posted to the DCP Vimeo page are different from the video provided with Adopt-A-Wild-Dolphin kits. Adoptive parents who order a hard copy kit receive a DVD with footage of the Bimini adopt-a-dolphins. Ordering an electronic kit? You'll receive a link to the video! For more information on these videos, check out page 10.

Enjoy and Happy Watching!!

DCP is still on YouTube too!

If you are a YouTube user, you can still find DCP here!

<https://www.youtube.com/user/dolphincommproject>

From bottlenose dolphins in Japan with scars from cookie cutter sharks, to baby dolphins, play fighting and even a manatee rescue, you can learn about the dolphins at DCP's past and present research sites. And take a stab at memorizing the Dolphin Species Song while you're at it!



Name-A-Dolphin: #70

Why not surprise a special someone this holiday with a “Name-a-Dolphin” gift?

DCP ID#070 is an adult female. She was first recorded by DCP researchers off Bimini, The Bahamas in 2002. At this time, #70 was already a young adult and appeared to have a calf in tow. Although she has not been seen every single year since, she is seen very regularly and almost always has a youngster with her. Her most recent calf was a little girl, but with no permanent markings, this little one has not been entered into DCP’s ID catalog. Having acquired only mild scarring over the years herself, researchers rely on clear views of #70’s well-spotted body in order to confirm her presence in the group. She is typically in groups of sub-adults and adults; most recently she was hanging with Lil’ Jess (#35). Who will she be with next?



You can name ID#70 by visiting DCP’s name-a-wild-dolphin page at

<http://www.dolphincommunicationproject.org/index.php/shop/name-a-dolphin/name-070>

This dolphin can only receive one name.
Let it be your pick!!



Head here to name ID#70:

<http://www.dolphincommunicationproject.org/index.php/shop/name-a-dolphin/name-070>

As the supporter who names ID#70 you will receive her first ever adoption kit:

- > An official naming certificate
- > Photograph of ID#70
- > Details on how to download dolphin vocalizations from the Bimini adopt-a-dolphins as a ringtone or audio file
- > DVD containing video of the Bimini dolphins
- > Biography of ID#70
- > Welcome letter and registration info
- > Information Booklet with Atlantic spotted dolphin fact sheet and info about DCP
- > Dolphin trading card sample

Plus:

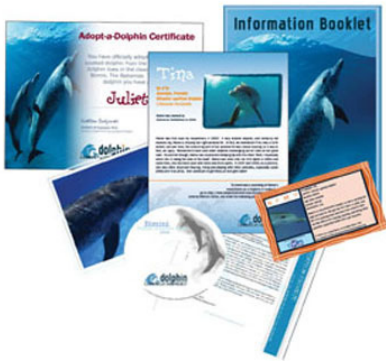
- > Special ID#70 t-shirt
- > Dolphins: The Lighter Side (DVD)
- > Signed copy of *Dolphin Mysteries* or *Are Dolphins Really Smart*

The cost of this rare opportunity is \$750.

Adopt a Wild Dolphin

www.adoptawilddolphin.com

What's in your Adoption Kit?



An official adoption certificate

Photograph of your adopted dolphin

Details on how to download dolphin vocalizations from the Bimini adopt-a-dolphins as a ringtone or audio file

DVD containing video of the Bimini dolphins

Biography of your adopted dolphin

Welcome letter and registration info

Information Booklet with Atlantic spotted dolphin fact sheet and info about the Dolphin Communication Project

Dolphin trading card sample

Dolphins currently up for adoption



Adopting a wild dolphin with DCP helps to fund:

The purchase of new research equipment (e.g., cameras, underwater microphones)

Conservation and education programs on Bimini, in the US and around the world

Publication and dissemination of DCP's research results to the scientific community and the general public

Maintenance of the DCP website, field reports, and our podcast The Dolphin Pod

Classroom education programs for school-aged children including DCP Youth Program, Dolphin Research Trainee, Classroom Connections

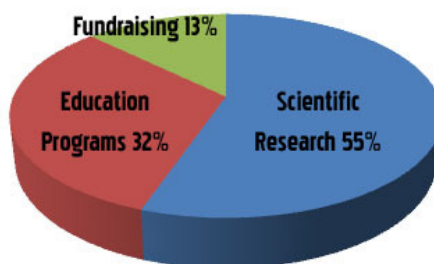
Volunteer, ecotour and internship opportunities for the public

Check page 8 for our current Name-A-Dolphin opportunity!

Holiday gift ideas
www.cafepress.com/holidaydolphin



Where does money raised from DCP's adopt-a-wild-dolphin program go?



Adopt-a-wild-dolphin t-shirts
tinyurl.com/y1fx44v



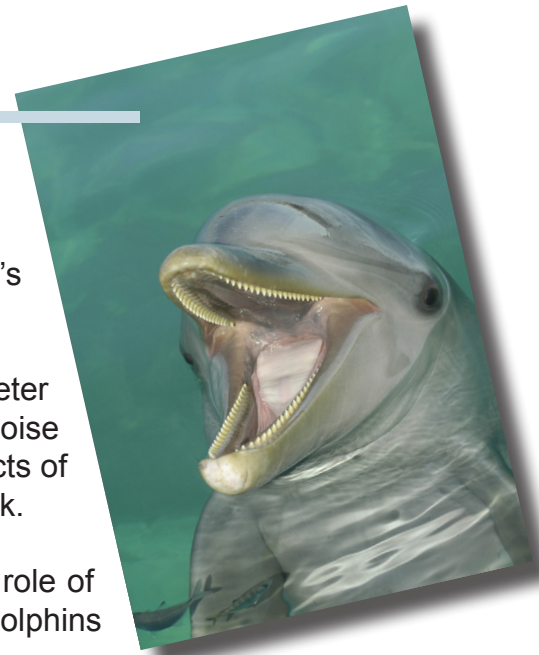
DCP Announcements!

Publications

We officially have PDFs of the following papers. Please visit the publisher's websites or contact DCP if you would like a copy.

Dudzinski, K.M., Melillo-Sweeting, K, Gregg, JD. (2016). Using the Song Meter 2 Marine Recorder to assess dolphin calls and ambient and anthropogenic noise levels. 245 - 253 In: Popper, A. N. and Hawkins, A. eds. (2016). The Effects of Noise on Aquatic Life II. Springer Science+Business Media, LLC, New York.

Levengood, AL, Dudzinski, KM. (2016). Is blood thicker than water? The role of kin and non-kin in non-mother-calf associations of captive bottlenose dolphins (*Tursiops truncatus*). Behavioural Processes. 124, 52 - 59.



In Other News ...

DCP's NEW Animal Behavior/Physiological Ecology Field Course
Scheduled for 31 December 2016 - 7 January 2017!

Students are offered access to spaces first. Contact DCP for details on this newest college-level field course where you can learn about dolphin behavior and their physiology during a one week period!

Updated Adoption VideoHeaded your way!



DCP studies a group of wild Atlantic spotted dolphins that frequent the clear blue waters of Bimini, The Bahamas. We have been able to identify and catalog many of the individuals comprising this group, learning much about group structure and dolphin social behavior. By adopting one of the Bimini dolphins, you help fund our non-profit research, education, and conservation efforts that directly benefit the Bimini dolphins.

Now you have TWO (2) ways to purchase a dolphin adoption kit: a hard copy or an electronic-only version!

Whichever adoption kit you choose, you'll receive a video of all of the adopt-a-dolphins, either on a DVD (hard copy) or web link (electronic). Each year, we pull the best clips of our dolphin friends and provide first-time and long-time supporters with new footage of these awesome individuals.

Check out the DCP web site to make your selection or renew your dolphin adoption today!

www.adoptawilddolphin.com

DCP's Adopt-a-Dolphin Program

DCP currently has ~25 dolphins from our catalog of Atlantic spotted dolphins residing around Bimini, The Bahamas available for adoption. While adoptive parents do not get to take their dolphins home, they will receive a certificate of adoption, a photo of their adopted dolphin, some facts about Atlantic spotted dolphins, information about DCP and our research around Bimini and a dolphin video. They will also receive the most recent edition of the Dolphin Gazette, DCP's quarterly newsletter, announced quarterly by eblast. Be sure to send us your email address, or subscribe online at the newsletter page!

All dolphin adoptions through DCP help support our dolphin research throughout the world, and the creation and implementation of local, national, and international education programs for students of all ages.

Each adoption costs \$30 and lasts for one year. Become a spotted dolphin parent today & support valuable scientific research!

Yes! I want to adopt a dolphin! Some of our dolphins are listed below. For a complete list & all dolphin biographies, check out www.adoptawilddolphin.com
 Juliette | Niecey | Tilly | Swoosh | Milo | Lone Star | Tootie | Tina | Lumpy | Lil' Jess | Freckles | Split jaw | Noodle

I would like to adopt a dolphin: \$30 for one year. **Dolphin name:** _____
 Please cut out and mail your order form, with check, to DCP at P.O. Box 7485, Port St. Lucie, FL 34985.
 Credit card payment is available online through our web site at www.dolphincommunicationproject.org

Please **SEND** my adoption package to: If this is a gift, please note gift **GIVER** address:

Name: _____
 Address: _____

 City: _____ State: _____ Zip: _____
 Email: _____

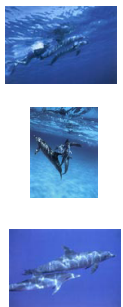
Name: _____
 Address: _____

 City: _____ State: _____ Zip: _____
 Email: _____



Postcards

\$1.00 each/ 3 for \$2



Iruka Gear

To purchase Iruka gear visit www.cafepress/irukagear



Membership

Sustaining Memberships:

Donate from \$5 to \$100/month to receive a DCP memo pad and information booklet!

Annual Memberships :

- Student: \$20
- Individual: \$30
- Family: \$45
- Supporting: \$75
- Contributing: \$150
- Patron: \$500

Supporting, Contributing & Patron Members receive a DVD copy of *Dolphins - The Lighter Side*. Contributing & Patron Members also receive a photo album featuring images and information about all of our adopt-a-wild-dolphins. All gifts subject to availability and may change.

Visit www.dolphincommunicationproject.org to become a member today!

Notecards

\$2.50 each/ 3 for \$6



DCP Gear

To purchase DCP gear, visit www.cafepress/dcpgear



Support DCP's research efforts buy purchasing some of the many products that we offer for sale. All products seen here are also available on our website: www.dolphincommunicationproject.org All profits from the sale of these products will directly fund DCP's research and education efforts. DCP is a nonprofit organization.



Gazette Headers

Through the years...

Can you match the Dolphin Gazette headers with the issue in which they appeared?

- | | | |
|---|---|---|
| 1 |  <p>The Dolphin Gazette</p> <p>Volume [redacted], issue [redacted] ([redacted])</p> | <p>Volume 7, Issue 3
(Nov 2003)</p> |
| 2 |  | <p>Volume 8, Issue 3
(Aug 2004)</p> |
| 3 |  | <p>Volume 12, Issue 1
(2008)</p> |
| 4 |  | <p>Volume 5, Issue 1
(Nov 2001)</p> |
| 5 |  | <p>Volume 1, Issue 1
(Sept 1997)</p> |
| 6 |  | <p>Volume 9, Issue 4
(Oct 2005)</p> |
| 7 | <p>The Dolphin Gazette</p> <p>Volume [redacted], issue [redacted]</p> <p>From the Dolphin Communication Project,
Mystic Aquarium & Institute for Exploration
55 Coogan Boulevard, Mystic CT 06355
www.dolphincommunicationproject.org and www.mysticaquarium.org</p> | <p>Volume 8, Issue 4
(Nov 2004)</p> |