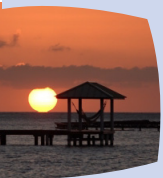


▶ MEET SEABEAGLE!...2



▶ UPDATE FROM THE FIELD: RIMS...3



▶ VIDEO IS WORTH A THOUSAND WORDS...6

# 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.*

## Wow! Can you believe Winter is nearing its end!?

Ok, maybe that's just for those of us in the warmer latitudes ... That said, the winter issue of the Dolphin Gazette is full of interesting tidbits and stories. Check out Captain Nate's new book about Bimini and The Bahamas! And, John Anderson shares with us a glimpse of his career history and introduces the newest video for DCP. You'll meet Seabeagle, a newly named dolphin in DCP's Bimini spotted dolphin catalog. You'll see I was quite flattered by this naming and the name is a fond one for me. (Thank you Siddharth!) There are many other updates and details about our research and new publications. So, kick up your feet, grab a cup of tea and happy reading!

Cheers!

*Kathleen*



### In this issue

Meet Seabeagle! | Name-A-Dolphin: ID#102 | Update from the Field: RIMS | Guest Column: John Anderson | Field Opportunities | Bahamas Bucket List for Divers | Announcements | Dolphin Species Word Search

#### Mailing Address

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

FL Solicitation of Contributions  
 Reg. #: CH42894

#### Thank You volunteers & students!

DCP would like to give a special thank you to volunteers Tori Meyer and Garion Rivera, as well as our graduate students. Well done and thank you! Our data analysis this winter couldn't have happened without 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](mailto:info@dcpmail.org).

# Introducing....SEABEAGLE!

And she's ready for adoption!



## DCP Atlantic spotted dolphin ID#106 is officially known as Seabeagle!

DCP occasionally offers supporters the chance to permanently name a dolphin in our wild dolphin photo-ID catalog from Bimini, The Bahamas. These dolphins then become part of our Adopt-A-Wild-Dolphin roster and are available for adoption by anyone! Dolphins Leslie (#80), her offspring Paul (#99), Lil' Jess (#35), Noodle (#94) and many other dolphins observed off Bimini got their names this way. And now, so has Seabeagle (#106)!

Seabeagle (ID#106) is a young, female Atlantic spotted dolphin. She was first observed off the coast of Bimini, The Bahamas in 2013. She has been seen every year since, including quite a bit in 2016! She was recognizable even before she had many spots as she had an injury to the center of her fluke (tail). Unfortunately, she suffered an additional fluke injury and is now missing the majority of the left side of her tail. This doesn't slow her down though, and she is often seen with other juveniles, including Inka (#93) and Paul (#99).

Seabeagle was named by Siddharth Lodaya in 2016 to honor Dr. Kathleen M. Dudzinski, her work and DCP. She loves dolphins and beagles, so, this name is apt. Love to Dolphins and Beagles.

## Name-A-Dolphin

### *Bimini Atlantic spotted dolphin #102 needs a name!*

DCP ID#102 is a juvenile, female Atlantic spotted dolphin. DCP has been observing her off the coast of Bimini, The Bahamas since 2013. She is recognizable even before we enter the water, as she has two distinct notches in the center of her dorsal fin. In 2013, she also suffered an injury to her peduncle. Though this injury healed very well, it has left a permanent scar. Neither of these markings slow her down though! She is a busy dolphin, seen in a variety of social groups. Like "Seabeagle" (ID#106), un-named #102 has also been observed with fellow juveniles, Inka (#93) and Paul (#99).



Now that you know a bit more about #102, what name do you think suits her best? The cost to give a name to #102 - a rare and unique opportunity - is \$750. If you've got a name in mind, you can purchase your name-a-dolphin kit today!

<http://dolphincommunicationproject.org/index.php/shop/name-a-dolphin/name-102>

# Update from the Field: RIMS (Roatan, Honduras)

Submitted by Kathleen Dudzinski, PhD



Dolphins checking out the MVA2!

## DCP/CSU Field Course 2017: Success!

DCP teamed up with Colorado State University (CSU) for a week at Anthony's Key Resort (AKR) from 31 December 2016 to 7 January 2017. The main purpose of this trip to AKR was to introduce six graduate/undergraduate students to fieldwork and data collection, preliminary data processing, behavior and physiology studies, conservation programs, application/analysis of data collected, and general critical thinking - yes, all of that in one week! The students participated in snorkel sessions, lectures, informal discussions, and observations of dolphin behavior and collection of non-invasive physiological data (i.e., respiration and surfacing rates).

A total of approximately 3 hours of video data was collected with the mobile video/acoustic array #2 (MVA2) and another ~3 hrs of data were collected with a GoPro camera mounted to the top of the MVA2. Sessions were conducted in the morning between 07:00 AM and 11:30 AM, depending on the day and other programs scheduled. Our passive acoustic monitor (PAM), the SM2M+ unit from Wildlife Acoustics, was still recording when recovered. You might remember that we deployed the SM2M+ during our fall ecotour; ~28 GB of acoustic data were collected during this two-month deployment. Data are being uncompressed and readied for analysis. With DCP volunteers and interns, I'll be processing the video data over the next several months to confirm each dolphin ID on the video screen, to document how many minutes each dolphin is in view, and to examine behavioral interactions. We'll also be looking at their vocal activity for any periodicity from this and previous SM2M deployments.



The team poses with the SM2M+ after retrieval!

The students from this program are also reviewing the respiration/surfacing data they collected to confirm the amount of data and approach they plan to take on analyses and report preparation.

We look forward to future programs with CSU and students! To read more about each day of this field course, check out our archived blog posts on [www.dolphincommunicationproject.org](http://www.dolphincommunicationproject.org). And, turn to page 6 of this newsletter to hear from John Anderson and get the link to our latest Terramar Productions video project - DCP College Course 2017, available for viewing on our website (Education -> College Courses -> Animal Behavior).

~ Kathleen

## Next Chance to join Kathleen: 30 September - 7 October 2017

We will return to Roatan to collect data with eco-tour participants again in 2017! Our 2016 program was a huge success with 16 people joining Kathleen at Anthony's Key Resort to help with data collection, as well as to do some SCUBA diving and vacationing! Our 2017 program is scheduled for 30 September - 7 October, 2017. Check out the RIMS Eco-tour page (look under the Education tab) to learn more about cost (just \$900 pp!), logistics (\$200 deposit) and other details. With a great 2-for-1 special from the folks at Anthony's Key, you get a great deal *and* help DCP!

**Sign up today if you are interested as the rooms are going fast!**

[www.dolphincommunicationproject.org](http://www.dolphincommunicationproject.org)

# Field Opportunities

In addition to our fall RIMS Eco-Tour, see page 3



## Field Course in Cetacean Ecology Bimini, The Bahamas

**Application Deadline: 1 March 2017**

**Field dates:** 3 - 9 June 2017 (Online portion of course required prior to field)



**Application Requirements:** <http://studyabroad.sacredheart.edu/program/?pid=23462&p=summer-dolphin-communication-project>

**Learn More:** <http://dolphincommunicationproject.org/index.php/get-involved/college-courses/bimini-cetacean-ecology>



## Summer 2017 Fieldwork Internship Port Saint Lucie, FL and Bimini, The Bahamas

**Main Application Deadline: 28 February 2017**

**Internship dates:**

~22 May - ~21 June, Florida PLUS ~24 June - ~10 August: Bimini  
BOTH components are required



**Application Requirements:** Application, Cover letter, Resume, Transcript, Graded paper, Two letters of recommendation

**Learn More:** <http://dolphincommunicationproject.org/index.php/get-involved/internships>

## Bimini, The Bahamas: 2017 Season

Though DCP is not leading our own eco-tour at our Bimini field site, we look forward to interacting with guests of Bimini Adventures.

Check out [www.biminiadventures.com](http://www.biminiadventures.com) to book your wild dolphin swim package today. We'll see you in Bimini!



## January 2018: Roatan, Bay Islands, Honduras

**Option A**  
Colorado State University  
6 - 13 January 2018

**Option B**  
University of Rhode Island  
13 - 20 January 2018



Stay tuned for registration details! For general course information, visit:

<http://dolphincommunicationproject.org/index.php/get-involved/college-courses/rims-dolphin-behavior>

Kathleen and DCP will return to Roatan next year for two weeklong field courses merging animal behavior and physiology topics! Kathleen will co-instruct the programs with Dr. Shane Kanatous (CSU) and Dr. Justin Richard (URI). Stay tuned to DCP's home page blog & Facebook for application details!

# Bahamas Bucket List for Divers

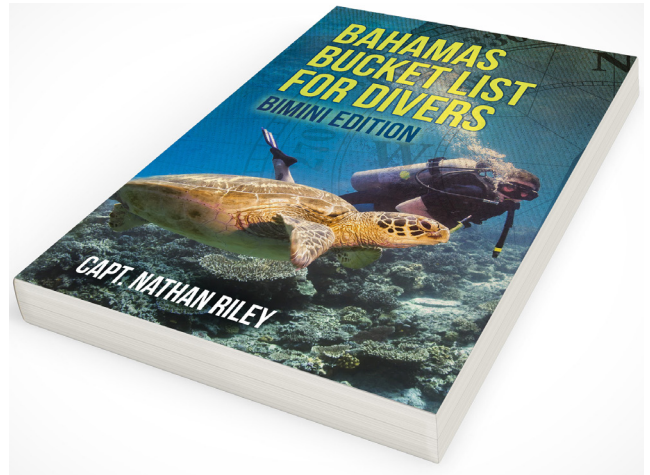
*Bimini Edition, by Capt. Nathan Riley*

It's no secret that the Bahamas is one of the most beautiful places on Earth. Consisting of over 700 islands, this Caribbean paradise is one of the most famous dive destinations in the world. Divers flock to this getaway to intimately experience the wide range of aquatic wildlife, beautiful walls, and amazing shipwrecks.

From pirates to modern-day drug runners, expert scuba diver and long-time sailor Capt. Nathan (Nate) Riley will take you on a journey dating back 300 years. During surface intervals, you will take a closer look at how the Bahamas and Bimini famously came to be. Expect to be immersed in the island's history, culture, and soul.

Flip to the second half of the book to build your personal Bahamas Bucket List. Relive your dive memories time and time again while checking off sites from your dive log. Each dive site listed is accompanied by first-hand facts and experience from a Captain who has dived the area almost daily for 15 years.

Quench your thirst about the Bahamas' past and get ready to dive into Bimini's enchanting ocean splendor!



**Cpt. Nate is generously donating the proceeds of the first 500 copies sold to DCP! We cannot thank Cpt. Nate enough for his generosity, and for showcasing the dolphins off Bimini, and DCP, in his fantastic dive guide.**

To learn more about Cpt. Nate and his book, visit <https://www.nathanrileyauthor.com/>.



There, you can order signed copies!

Or, head to Amazon to order unsigned copies.



Captain Nathan (Nate) Riley has been around boats since his early teens when he helped his stepfather prepare for the journey from California to Scotland. He began working on boats professionally in 2001. He crossed the Gulf Stream weekly from Miami, FL to the Bahamas. Since then, sailing has taken him all over the world — from Alaska to the Gulf of Mexico to his current stop, the Bahamas and Virgin Islands.

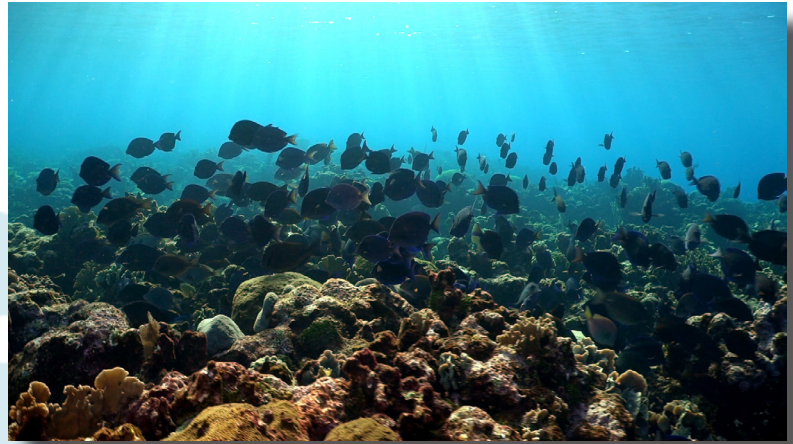
Capt. Nate is an avid scuba diver who loves underwater photography. He spends about nine months out of the year at sea and loves to share his passion for the open water not only with fellow sailors, but also with new and seasoned divers alike. For him, it's about showing divers their dive of a lifetime.

Check out Capt. Nate Riley's photography and adventures on Facebook under "Nate's Captain's Blog"

# Adventures on Roatania

*Submitted by John Anderson, Terramar Productions*

This year will complete my 25th year in film and video production. When I began, I knew absolutely nothing about it, but just like most people at that time, I am self-taught, and I had great mentors. In 1993, I began working as an assistant for Bob Talbot, a still photographer turned filmmaker. I had a background in the ocean and in boats but not in movie cameras. I thought every mistake I made was going to be the last for my career, but I was humble about them and as it turned out every mistake I made just made me smarter, and tenacity gave me longevity. Since then I've worked with many of the people who I admire, Howard Hall, Bob Cranston, Bill Mills and Paul Atkins to name a few. I gained knowledge, I gained friends but most of all I felt immense gratitude at the patience and the opportunities that each person afforded me.



Surgeon fish, anyone?

I was always in awe of the creatures that call the sea their home. My earliest experience with an underwater camera came in the mid 70s, when my dad brought home a second-hand Nikonos II from an auction. I couldn't wait to put film in it and go diving. Unfortunately, my early work left much to be desired ..... but I learned.

Even the television shows that I chose to watch revolved around the ocean. Many of my colleagues and I often reminisce about "Sea Hunt" and Mike Nelson being one of our early heroes whose daily underwater adventures were the best! And, who can forget Jacques Cousteau and Calypso, whose early works are classic. It was these early memories and experiences that helped to shape my life and forge a career in the ocean. I'm quite sure that I am not unique in this respect and other similar experiences have shaped similar, parallel careers.

My career with various media formats has allowed me to experience things that most people will never be able to, or will never think of. It is one of these experiences that brought me to the Roatan Institute for Marine Sciences (RIMS) in 1995, as a camera assistant on a large format film called "Dolphins the Ride". The film took 30 days to shoot and once edited, was shown to audiences sitting on a motion base and watching underwater events from the point of view of a dolphin. Cutting edge stuff in the early 90s (really!).



Bottlenose dolphin calf cruises by...

While that was not my first long shoot in the tropics, it was one of my favorites. I've returned to Roatan a dozen or more times on various film projects and the latest was to shoot a short video piece for the Dolphin Communication Project. I've been working with DCP since their inception in 2000. I've helped their efforts in various aspects but mostly I create media projects for them. This particular project was to document a college level field course and produce a short video piece about it.

Continued on page 8...

# Adopt-A-Wild-Dolphin: Update Time!

## Adopt a Wild Dolphin



### *New Video & Adoption Kit Content Awaits!*

Beginning approximately 6 March, all Adopt-A-Wild-Dolphin kits will include the latest adoption dolphin video. Hard copy orders will receive a DVD and electronic orders will receive a link to brand new video footage of the Bimini dolphins! Kits will also include updated front covers!

So the only question is - who will you adopt?

Visit [www.adoptawilddolphin.com](http://www.adoptawilddolphin.com) to order today.

Hard copies are just \$35 and e-kits are \$30!



**AMAZON SMILE**  
<https://smile.amazon.com/>



How many of you shop on Amazon.com? We bet it's a lot. What if, instead of starting at amazon.com, you could simply start at smile.amazon.com and poof! - a percentage of your purchases would go to the Dolphin Communication Project as a direct donation. You'd say, "Sign me up!"

Well, it's easy. Use your existing Amazon account. Find all your wishlists, registries and shopping carts waiting for you. On your first visit to smile.amazon.com, simply select Dolphin Communication Project as your charitable organization. Amazon will remember this and from that point forward, as long as you start at smile.amazon.com, every eligible purchase you make will result in a donation to DCP.

Thanks to Amazon for this great program - and thanks to you for selecting DCP! Happy Shopping!

### *Your DCP Membership is Waiting!*

Memberships go a long way to help DCP continue our research and education efforts and we are pleased to offer two ways to become a member: via a one-time donation or 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.

#### One-time memberships:

With membership levels available for all budgets, this membership options allows you to make your entire annual contribution in one go.

# Adventures on Roatania

Continued from page 6



Students learning about dolphins & data processing, directly from Kathleen

I joined a group of six students and two professors for a week of sun, sand and dolphins. My plan was to tag along and film cohesive bits and pieces of their field course in between my dive schedule. As it turned out, the fluidity of their schedule dictated that my dive schedule be scrapped ..... Sigh!! As new things presented themselves and I wanted to capture them, I would skip a dive or skip two, or three to get the shots I wanted. You see, I was a bit gun-shy as I had been in Roatan two months prior, and had seen a total of about three hours of sunshine in the entire week. The rest .... rain, wind and tropical yuck!! (Though I did get the sunny outdoor interview that I needed.) In any event, this time around, I was able to capture all the images I needed for the video including 8 outdoor interviews in nice light. A product of being in the right place at the right time

and no diving .... Sigh again!! I over shot, for what I needed and returned with more than 500 video clips totaling more than 128 Gb of data.

The first rule of post-production is to be highly organized, which I do by logging every single video clip and ruthlessly throwing out the junk. Next is to create a project in your computer by importing data into your favorite editing program. Mine happens to be made by Adobe, but I may switch. A script is the next step and this takes a long time as you need to watch all your interviews and connecting them in a cohesive manner. Also, you need to work in natural sound from the students working and participating in discussions and events. Then you have to shoot all the B-roll. If all this is beginning to sound like a lot of work .... It is! Video work has become largely under valued and thought of as "Any one can do that". There is a big difference between shooting video and shooting GOOD video!

After a week in the field and a solid week of editing I came away with what I feel is a good video for DCP. While I was a production crew of one in the field, it's always easier to have at least a couple people doing these projects. My friend Justin read the narration, just one of his many professions, and Kathleen read and re-read and edited my script. One of her many professional talents is a copy editor and several other friends and colleagues watched the rough cut and made comments (I always cringe at this part).

Even though I was a bit of a pest with my ever-present cameras, I think the students had a blast. I got all the shots I needed, Kathleen & DCP are happy with the final product I delivered and the universities' study abroad offices can see a tangible result from sending six students to a foreign country. All in all I feel time well spent.

Ready to watch? Check out the 12 minute video:  
<https://vimeo.com/205122802>

Cheers,

~John





# DCP Announcements!

## We've been busy with our collaborators!

### *Check out these upcoming publications:*

Harvey, B., Dudzinski, KM; Kuczaj, S. (in press). Associations and the role of affiliative, agonistic, and socio-sexual behaviors among common bottlenose dolphins (*Tursiops truncatus*). Behavioural Processes

Kaplan, J.D., Melillo-Sweeting, K., Reiss, D. (in press). Biphonal calls in Atlantic spotted dolphins (*Stenella frontalis*): Bitonal and burst-pulse whistles. Bioacoustics

Dudzinski, KM, Ribic, CA (in press). Pectoral fin contact as a mechanism for social bonding among dolphins. Animal Behavior & Cognition.

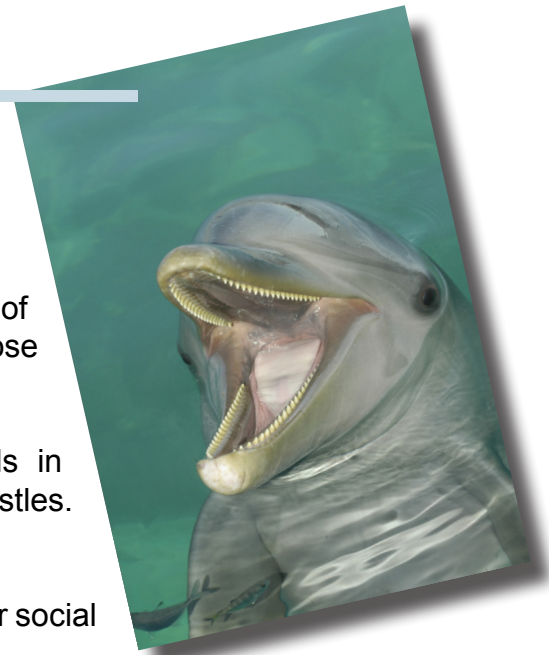
Hill, H, Hendry, J, Dudzinski, KM, Sanabria, KT, Guarino, S (in press) The Development of Echolocation in Bottlenose Dolphins (*Tursiops truncatus*). International Journal of Comparative Psychology (special issue).

Dudzinski, KM, Charrier, I, Maust-Mohl, M, McFadden, S, Missis-Olds, J, Reidenberg, JS, Thomas, J (in press) Chapter 11. Bioacoustical Studies on Aquatic and Marine Mammals. In (JA Thomas ed.) Vol. II Chapter 11 Bioacoustical Studies on Aquatic and Marine Mammals. Springer-Verlag.

### *Kathleen is headed to Italy....*

The European Association for Aquatic Mammals (EAAM) is holding their 45th annual symposium this March in Genova, Italy. Kathleen will be in attendance, sharing her recent work, representing Aquatic Mammals Journal and learning lots! Stay tuned for her notes in the next Gazette!

K.M. Dudzinski, H.M. Hill, C.A. Ribic, T.T. Bolton. 2017. Maternal and Sibling Style: pectoral fin contact shared within mother/calf pairs and between siblings. 45th EAAM Symposium, Genova, Italy. 8-11 March.



## In-Kind Donations: Our Wish List

*Do you have access to any of this equipment? Contact DCP to make an in-kind donation today! (Yup, in-kind donations are tax-deductible, too. Contact your account to learn how.)*

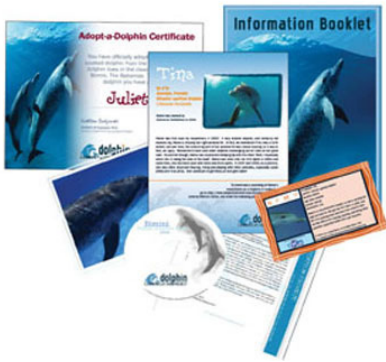
- \* Compact HD Projector \* Underwater still cameras \* SD cards \* GoPro \* Handheld GPS \*
- \* Office supplies - paper, pencils, erasers, rechargeable batteries, toner \*
- \* Frequent flyer miles \* Laptop \*
- \* Video camera \* Hydrophones \*



# Adopt a Wild Dolphin

[www.adoptawilddolphin.com](http://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

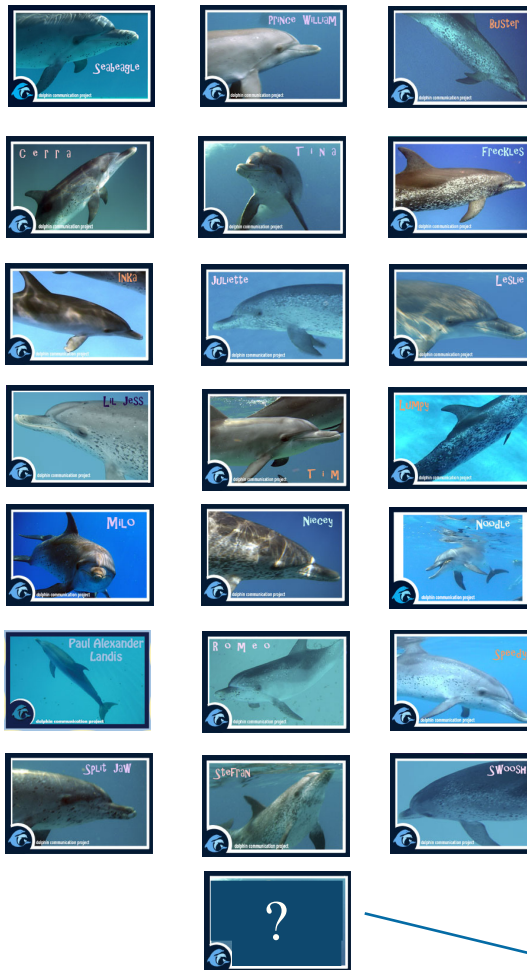
Biography of your adopted dolphin

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

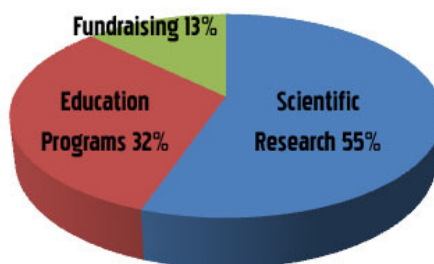
Volunteer, ecotour and internship opportunities for the public

See page 2 for details on how YOU can name ID#102!

Holiday gift ideas  
[www.cafepress.com/holidaydolphin](http://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](http://tinyurl.com/y1fx44v)



# 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](http://www.adoptawilddolphin.com)  
 Juliette | Niecey | Paul | Swoosh | Milo | Cerra | Inka | 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](http://www.dolphincommunicationproject.org)

Please **SEND** my adoption package to:

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Email: \_\_\_\_\_

If this is a gift, please note gift **GIVER** address:

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Email: \_\_\_\_\_



## Postcards

\$1.00 each/ 3 for \$2



## Iruka Gear

To purchase Iruka gear visit [www.cafepress/irukagear](http://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](http://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](http://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](http://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.



# Searching for Dolphins!

When was the last time you sang along to DCP's Dolphin Species Song?  
Now, you can search for (nearly) all of the species!

Sorry to those species we couldn't fit in this word find! You are amazing too!

S D C J P C Z G C E E W E P F A A G T X I Z L Y I  
H T E L A H W T O L I P D E N N I F G N O L O D X  
O A K D Y R V A U I S F L X G E P Y D D D Z N D U  
R K U K I M O T C P R E C C J Y K I K E E O G A C  
T E G S H S E U I P C Q O L G S A G T T S Z B W U  
F Q L O T S E N G O K M D M U N A T X T O U E A T  
I D U A P R N T E H M X Y D O C O Y N O N D A R Q  
N J C A H E A I I E T K P C W P P O Z P E M K R S  
N X S U R W V L R H I O E T S Y M S F S L G E I R  
E F R A S E R S I L W A O C H M L F H L T D D Z I  
D S Y Q M B O E L A N C I T O R C A D A T Z C U F  
P P S X S N L E L B N T I C H N I S F C O J O L W  
I A V A S E R K O L N S D T Z E R Y S I B F M K M  
L X O Y L W L T Z A I E N X N O D C X P N S M P Z  
O M L L H G T A L F K K Q U T A Q G A O O T O W Q  
T J B A X L R T E A L U E C B G L G D R M R N H W  
W U L Q E F A U E P D T E S I F G T X T M I F I Y  
H E U N M B G B O Q S H H S L Z I A A N O P T T O  
A E O G O U T T D H L X I U T A I N C A C E P E E  
L S R N I R S E D I S I V A E H F J M P E D G B A  
E H W C O P A C I F I C W H I T E S I D E D B E S  
E L A H W D E D A E H N O L E M S O S S I R B A M  
J X S M F F J C A R A B I A N C O M M O N O Q K U  
E X L G O L T U R I Y Z Z Z M Z K T H Q Q P D E A  
V H P C I S X T Z J I U M H N P Z B N V A G O D F

Commerson's  
Heaviside's  
Hector's  
Long-beaked Common  
Short-beaked Common  
Arabian Common  
Pygmy Killer Whale  
Short-finned Pilot Whale  
Long-finned Pilot Whale  
Risso's

Fraser's  
Atlantic White-sided  
White-beaked  
Peale's  
Hourglass  
Pacific White-sided  
Dusky  
Irrawaddy  
Australian Snubfin  
Orca

Melon-headed Whale  
False Killer Whale  
Tucuxi  
Pantropical Spotted  
Clymene  
Striped  
Atlantic Spotted  
Spinner  
Rough-toothed  
Indian Ocean Bottlenose  
Common Bottlenose