

EXISTING DATA AND KNOWLEDGE ON MARINE MAMMALS IN THE BOLIVARIAN REPUBLIC OF VENEZUELA.

18-20 March 2013
Paramaribo, Suriname



Jaime Bolaños-Jiménez
Sociedad Ecológica Venezolana Vida Marina (Sea Vida)

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GENERAL FRAMEWORK.

International conventions.

- ✓ Cartagena Convention, SPAW Signatorie, MMAP.
- ✓ CITES.
- ✓ CBD.
- ✓ ICRW. Withdrew in 1990's.

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GENERAL FRAMEWORK.

LEGAL-REGULATORY FRAMEWORK

- ✓ Wildlife Protection Act (1970)
- ✓ Environment Organic Act (2007).
- ✓ Penal Environmental Act (Enacted in 1992), re-enacted in 2012
- ✓ National Strategy for Biological Diversity and its Action Plan (2010).
- ✓ National Congress on Biological Diversity 2010, 2011 and 2012, organized by the ONDB-MINAMB.



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CURRENT PROJECTS AND ACTIVITIES (Information originally gathered for presentation at the World Ocean Assessment, Wider Caribbean Region Workshop, UNEP, Miami, November 2012)

Governmental Institutions.

*** Attention to strandings and marine mammal contingencies, ONDB-INPARQUES-MINAMB.**

*** National database on strandings, ONDB-MINAMB.**

Cetacean entanglements and strandings in the Bolivarian Republic of Venezuela, 2000-2012

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CURRENT PROJECTS AND ACTIVITIES

Governmental Institutions.

- * **Strandings and Marine Mammal contingencies in Margarita Island, State of Nueva Esparta, DEA-NE/MINAMB**
- * **Venezuelan System for Information on Biological Diversity (ONDB-MINAMB)**



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CURRENT PROJECTS AND ACTIVITIES

Governmental Institutions.

* National Scientific Observers Program for the Venezuelan Caribbean-Atlantic, INSOPESCA-PNOB.



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CURRENT PROJECTS AND ACTIVITIES.

Academic.

* Offshore mapping of Venezuelan Islands Region. Personal initiative by Rodrigo Lazo, Verónica de los Llanos and Julián García.



* Marine Mammal Exhibition, AsoVEM, The Venezuelan Assoc. For the Study of Mammals.



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CURRENT PROJECTS AND ACTIVITIES.

Academic.

* Ecology Lab of La Universidad del Zulia
(LUZ)

Stranding response in the State of Zulia.

Ecological aspects of the “tonina del
lago” or “guiana dolphin” in the
Maracaibo System.



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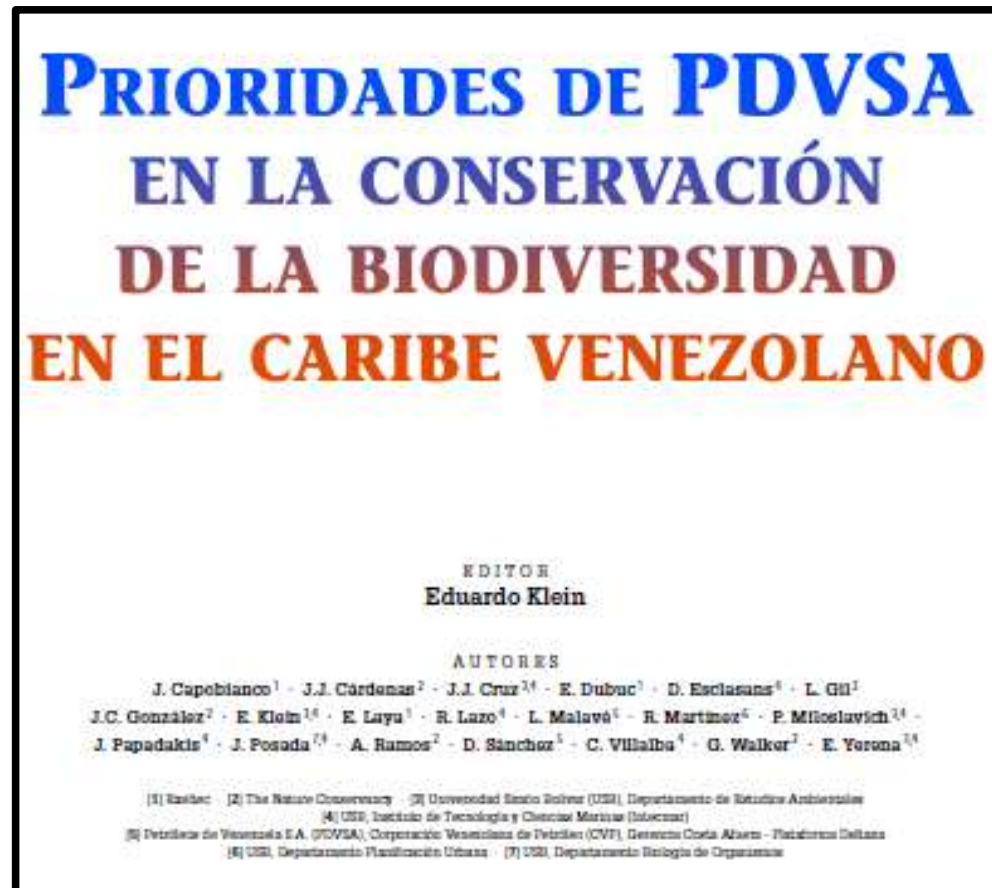


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CURRENT PROJECTS AND ACTIVITIES.

Academic.

* INTECMAR-FUNINDES-USB
and others



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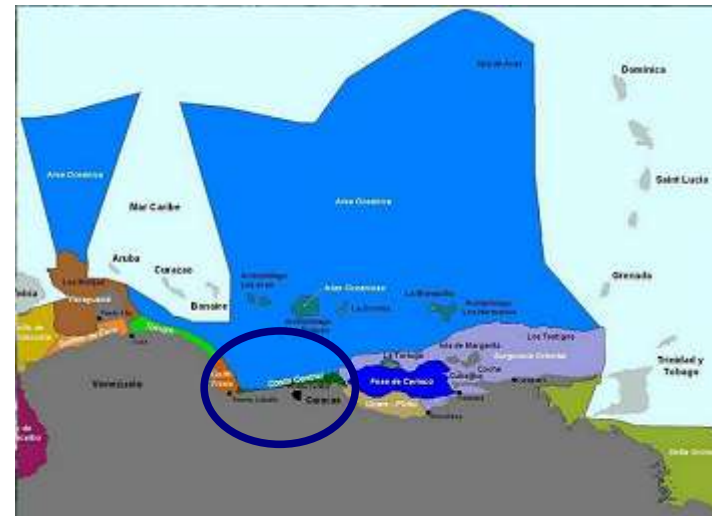
CURRENT PROJECTS AND ACTIVITIES.

NGOs

* MARES VENEZUELA.



Status of Cetaceans in the State of
Miranda, central coast of Venezuela.



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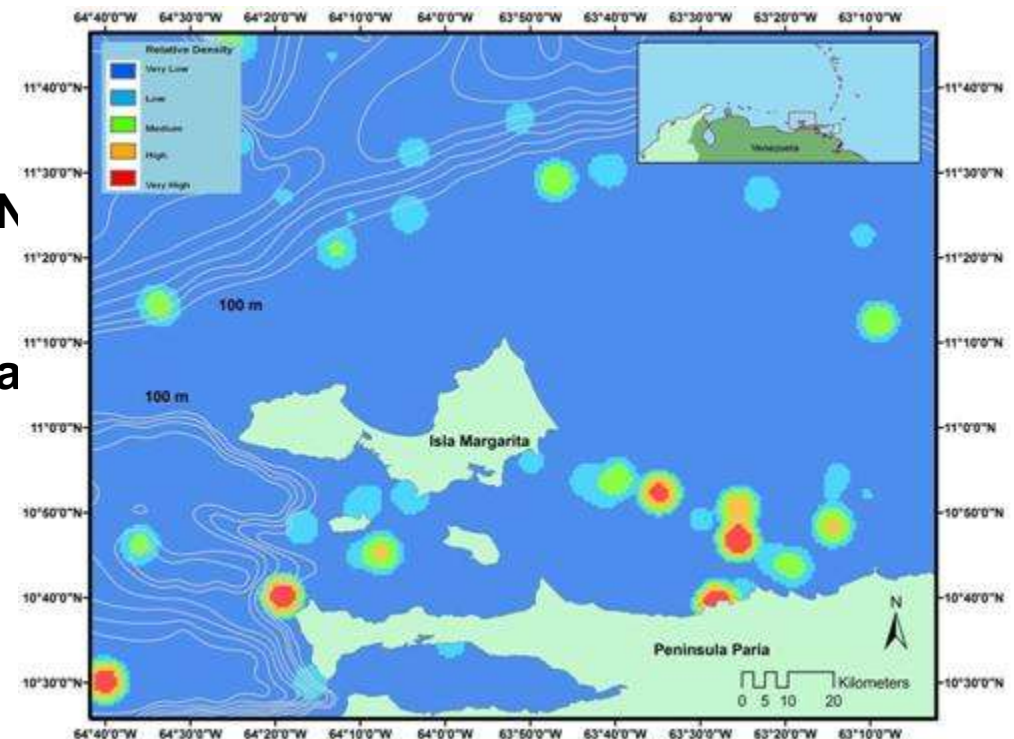
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CURRENT PROJECTS AND ACTIVITIES.

NGOs

* BIOTROPICA-GOLFO DE LA BALLENA AN
PROYECTO DELPHINUS.

Identification of critical habitats for cetacea
in central-northeastern waters.



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CURRENT PROJECTS AND ACTIVITIES.

NGOs

* Asociación Civil SIRENA de
Venezuela.

Current status of manatee in the
Gulf of Venezuela.



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CURRENT PROJECTS AND ACTIVITIES.

NGOs

* VENEZUELAN COALITION FOR WHALES AND DOLPHINS.

Campaign for the re-entering of Venezuela to the International Whaling Commission in support of the Buenos Aires Group.



Para conservarlos...



Los Venezolanos necesitamos recuperar el
Derecho a Voz y Voto en la Comisión
Ballenera Internacional



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CURRENT PROJECTS AND ACTIVITIES.

NGOs

* Provita

Venezuelan Wildlife Red Data Book 2013.

The image displays four pages from the Venezuelan Wildlife Red Data Book 2013, each featuring a different marine mammal species. The pages are arranged in a grid-like fashion, overlapping slightly. Each page contains the following information:

- Species Name:** Common name in Spanish and scientific name.
- Status:** A colored circle indicating the conservation status (e.g., 'VU' for Vulnerable, 'EN' for Endangered).
- Distribution:** A map of Venezuela showing the species' range.
- Text:** Descriptive text about the species, including its habitat, behavior, and conservation concerns.
- Image:** A photograph of the animal, often with anatomical diagrams overlaid.

The species featured are:

- Tonina del Orinoco:** *Inia geoffrensis boliviensis* (VU)
- Cachalote:** *Physeter macrocephalus* (VU)
- Ballena jorobada:** *Megaptera novaeangliae* (VU)
- Borcuai del norte:** *Rafanophyla borealis* (EN)

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CURRENT PROJECTS AND ACTIVITIES.

NGOs

Sea Vida

* Population status of dolphin populations in the State of Aragua, Central Venezuela using photo-ID techniques.

Stenella frontalis

Tursiops truncatus



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CURRENT PROJECTS AND ACTIVITIES.

NGOs

Sea Vida-CITA with support and endorsement by Educational and Science authorities.

* Educational Expeditions for the conservation of cetaceans and marine habitats in Ocumare de la Costa de Oro Municipality.



EXISTING DATA AND KNOWLEDGE ON MARINE MAMMALS IN THE BOLIVARIAN REPUBLIC OF VENEZUELA.

CURRENT PROJECTS AND ACTIVITIES.

Dolphin-watching

Detalle del WW en Venezuela:

Puerto o localidad	Ops	WWs	% Conta- bilizado	Precio Unitario	Gastos Directos en USD	Gastos Indirectos en USD	Gastos Totales en USD
Lechería, Puerto la Cruz, Estado de Anzoátegui	3-4	1.320	100	30	39.600	178.200	217.800
Paseo Colón, Puerto la Cruz, Estado de Anzoátegui	20-30	800	50	8	6.400	48.000	54.400
Ciudad de Mochima, Estado de Sucre	60+	5.200	100	12	62.400	312.000	374.400
Ciudad de Mérida a Puerto Concha, Estado de Zulia	12	112	25	77	8.624	11.760	20.384
Ciudad de Mérida a Estado de Apure: Refugio de Vida Silvestre Caño Guaritico y San Vicente, Río Apure	10+	80	10	130	10.400	8.400	18.800
Bahía de Cata, Estado de Aragua	3	120	100	10	1.200	3.600	4.800
La Boca de Ocumare. Estado de Aragua	3-5	441	100	10-20	5.100	19.845	24.945
Estado de Bolivar (a Río Caura) y Delta del río Orinoco en el Estado de Delta Amacuro	10-12	184	50	130-210	31.310	19.320	50.630
El Guamache. Isla Margarita	2+	1.500	100	50	75.000	157.500	232.500
Total	123-138	9.757			\$240.034	\$758.625	\$998.659

Fuentes: Datos anuales cortesía de Jaime Bolaños. Sociedad Ecológica Venezolana Vida Marina (Sea Vida). Los cálculos están basados en 2006 o 2007 si los primeros no se encontraban disponibles. Se han realizado ajustes en "% Contabilizado" para tour de interpretación de la naturaleza que sólo incluyen en parte algún componente de avistamiento de cetáceos. Los gastos indirectos están basados en estimaciones para tasas diarias en cada región multiplicadas por 1,5 para cubrir el tiempo promedio de duración de la excursión teniendo en cuenta la duración de la estadía y propósito del viaje.

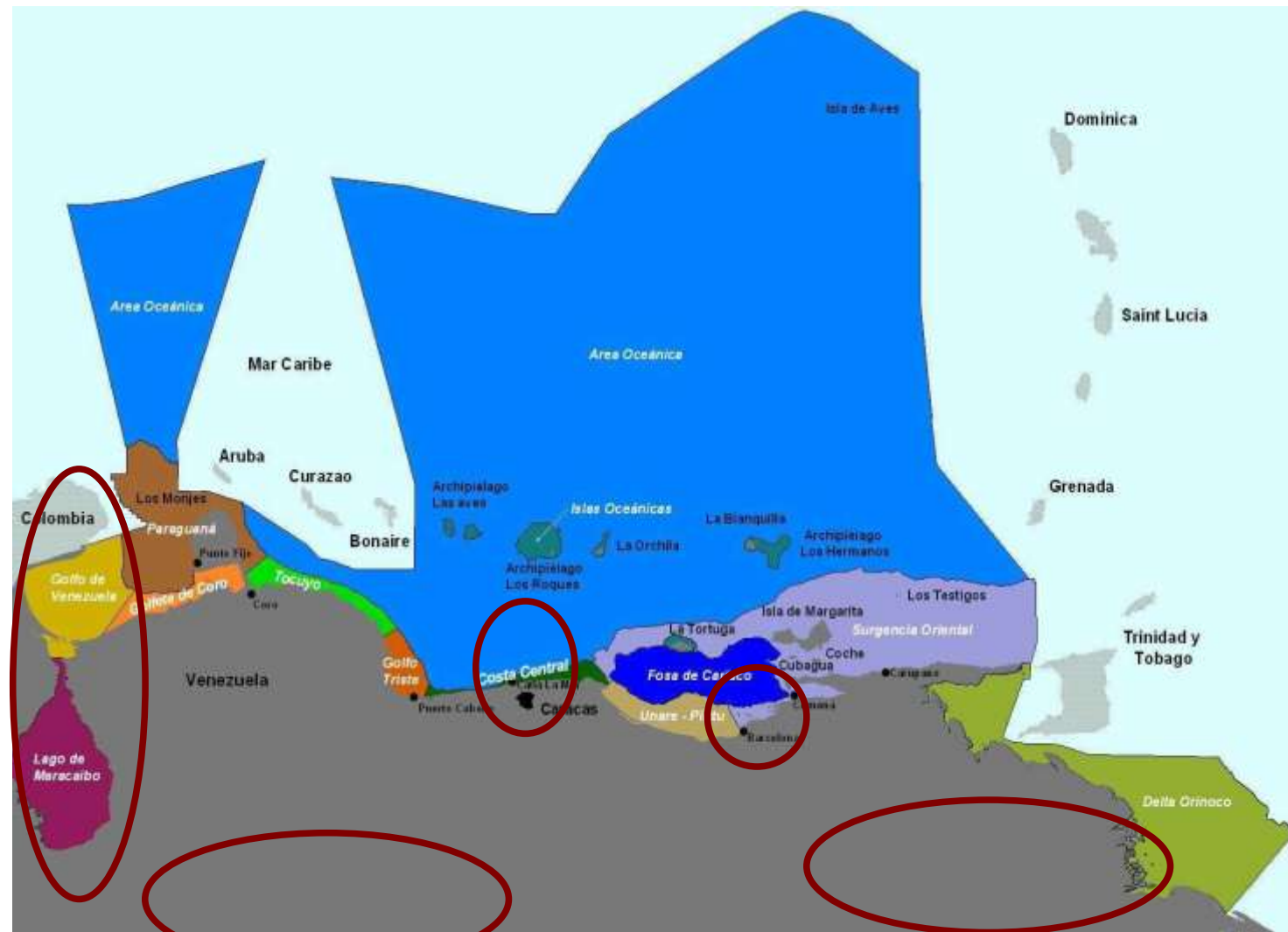


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CURRENT PROJECTS AND ACTIVITIES.

Dolphin-watching In Venezuela



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CURRENT PROJECTS AND ACTIVITIES.

NGOs

Sea Vida.

Supporting Actor, Asoc. Coop. RSIP Ocumare de la Costa de Oro for responsible dolphin-watching activities. A community-based project funded by the Ministry of Science, Technology and Innovation-Fundacite Aragua.



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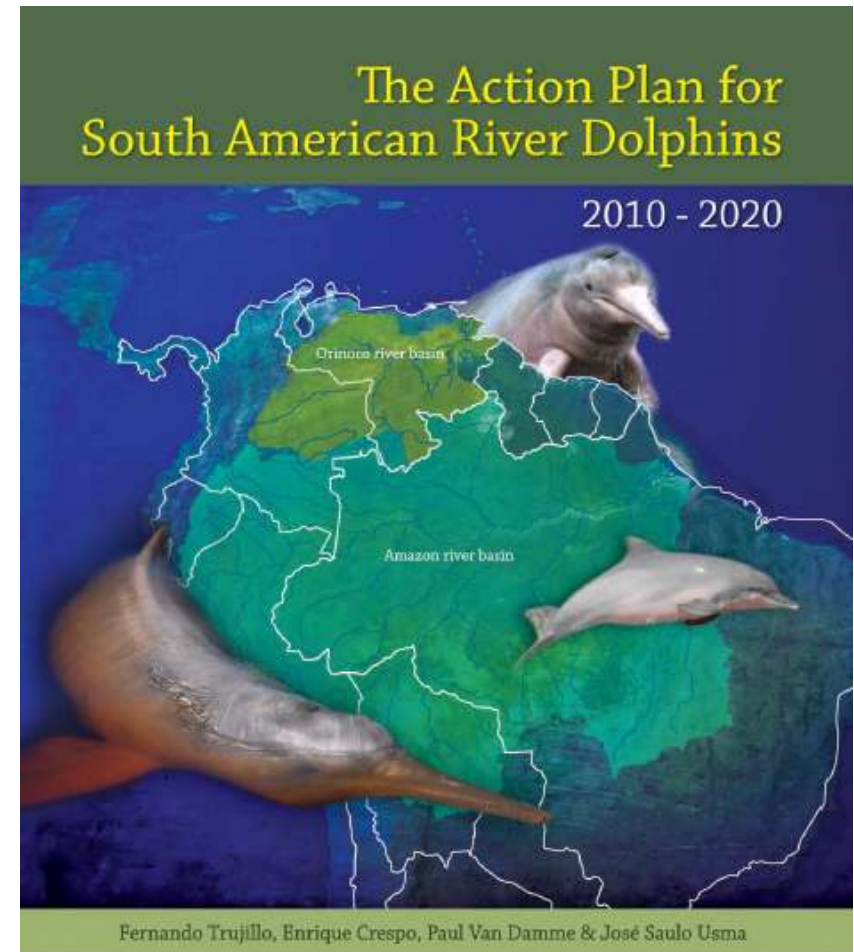
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CURRENT PROJECTS AND ACTIVITIES.

NGOs

* FLASA-FUND. OMACHA-SEA VIDA and OTHERS.

Action Plan for Conservation of South American River Dolphins



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NGOs

CWOP

Caribbean-Wide Orca Project
Coordinated by Sea Vida and
Aruba Marine Mammal Foundation

MORFOLOGÍA. Aleta dorsal

 Steve Box Honduras 2007 Extremo aguzado Relativamente angosta Curvada hacia atrás	 J. Luksenburg Aruba 2011 Extremo redondeado Relativamente angosta Curvada hacia adelante	 AET Guadeloupe 2006 Extremo aguzado Erecta	 Nick Jones Islas Cayman 2008 Extremo redondeado Ancha Erecta
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Mancha o parche ocular

 Steve Box Honduras 2007 Ovalado Paralelo al eje longitudinal Grande Empieza posterior al orificio respiratorio	 Frank Aceituna Aragua, Venezuela, 2011 Ovalado Paralelo al eje longitudinal Mediano Empieza por delante del orificio respiratorio	 J. Luksenburg Aruba 2011 Ovalado Ligeramente hacia abajo Mediano Empieza posterior al orificio respiratorio
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Presentado en el:
III CONGRESO VENEZOLANO DE
DIVERSIDAD BIOLÓGICA.
San Carlos, Estado Cojedes, Venezuela
Mayo 22-26 de 2012.
Working Paper IWC/SC/64/SMWP7

ESTUDIO DE LA ZOOGEOGRAFÍA, MORFOLOGÍA, DIETA Y COMPORTAMIENTO DE LA ORCA (*Orcinus orca*) EN EL MAR CARIBE: UN PROYECTO COOPERATIVO INTERNACIONAL QUE NACIÓ EN VENEZUELA Y ARUBA

Jaime Bolaños-Jiménez(1), Antonio Mignucci-Giannoni(2), Janice Blumenthal(3), Andrea Bogomolni(4), José Julio Casas(5), Angiolina Henríquez(6), Miguel Iñíguez(7), Jalaludin Khan(8), Nelmarie Landrau(2), Jolanda Luksenburg(9), Renato Rinaldi(10), Grisel Rodríguez-Ferrer(11), Lesley Suttly (12) y Nathalie Ward(4)

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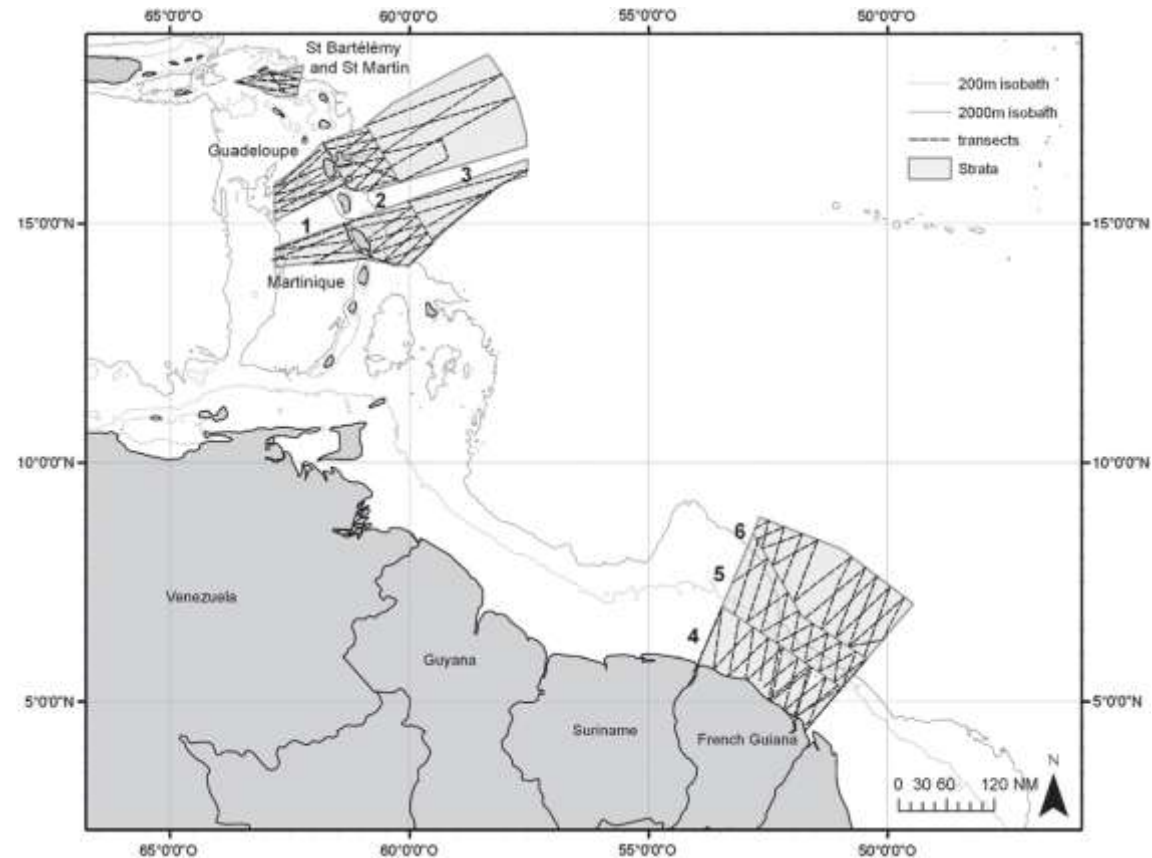
NGOs

Sea Vida

Participation in:
REMMOA survey French Guiana
2008,

Route de la Baleine 2011 and

Agoa Monitoring Campaigns
2012-2013



Source: Mannocci et al. 2012



Hey, you... Homo ζ sapiens?

!Behave!



! I will be watching you !



!!!MUCHAS

GRACIAS!!!

Foto: (c) Alex Bolaños