



IUCN
WORLD PARKS
CONGRESS
SYDNEY 2014

Inspiring a New Generation



#WPCNewGen



#NoWallsOutHere

e



Parks
Canada

Parks
Canada



Intergenerational
Partnership
for Sustainability



Office of
Environment
& Heritage



Citizen Science: Fostering Meaningful Connections with Nature

Mary Ford
Senior Manager, Citizen Science



Thomas Lehtinen





bio**blitz**

To do a bioblitz you need:

A place

Some time

Species to count

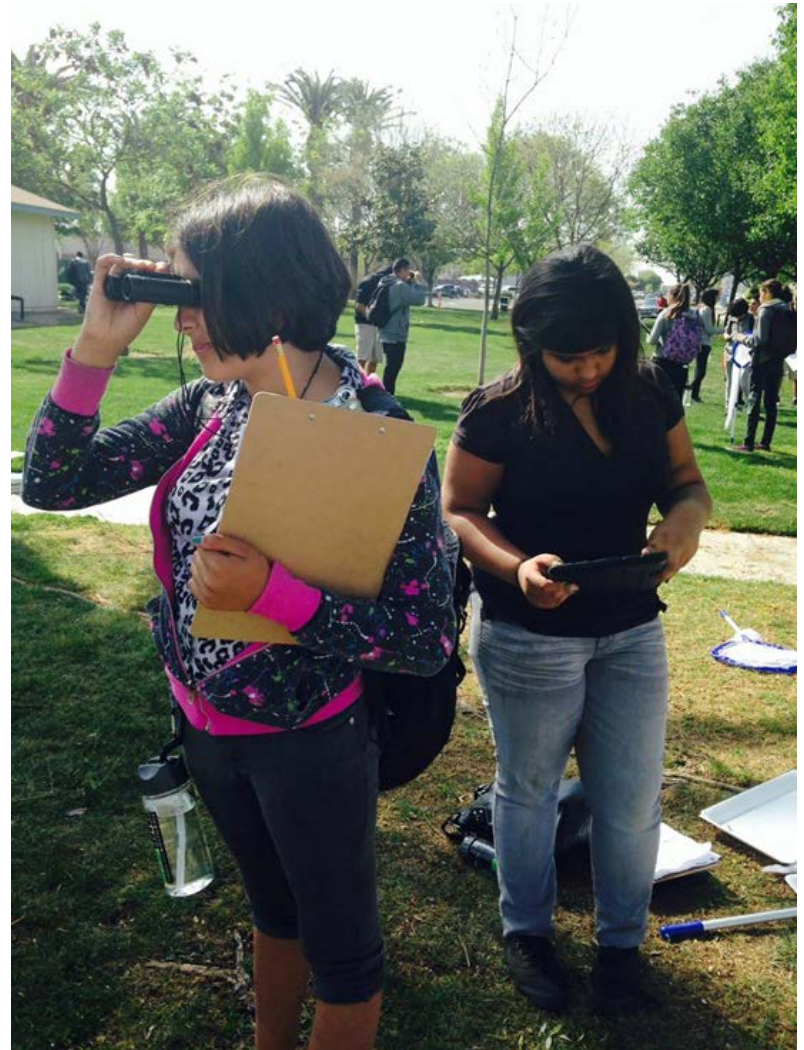
Great Eastern Ranges Initiative







Schoolyard & backyard bioblitzes



Field Notes

Today, I discovered...

I SAW A CATERPILLAR AND FLOWERS



Things I wonder about....



DATASHEET



My name is _____

Today's date is _____

My location is _____

Today's weather is _____

The sky is _____

The wind is _____



education 
www.education.nationalgeographic.com/

 **bio**blitz



NatGeoEd.org/bioblitz

JOIN US FOR A PROJECT **AS BIG AS THE WORLD ITSELF.**



THE GREAT
NATURE
PROJECT

JOIN US FOR A PROJECT AS BIG AS THE WORLD ITSELF.



SEE IT

Get outside and look for plants or animals in your area.



SNAP IT

Snap a photo of a plant or animal you see.



UPLOAD IT

Create an account and upload your photo.

[Get Started!](#)

Live Photo Stream

[View all](#)

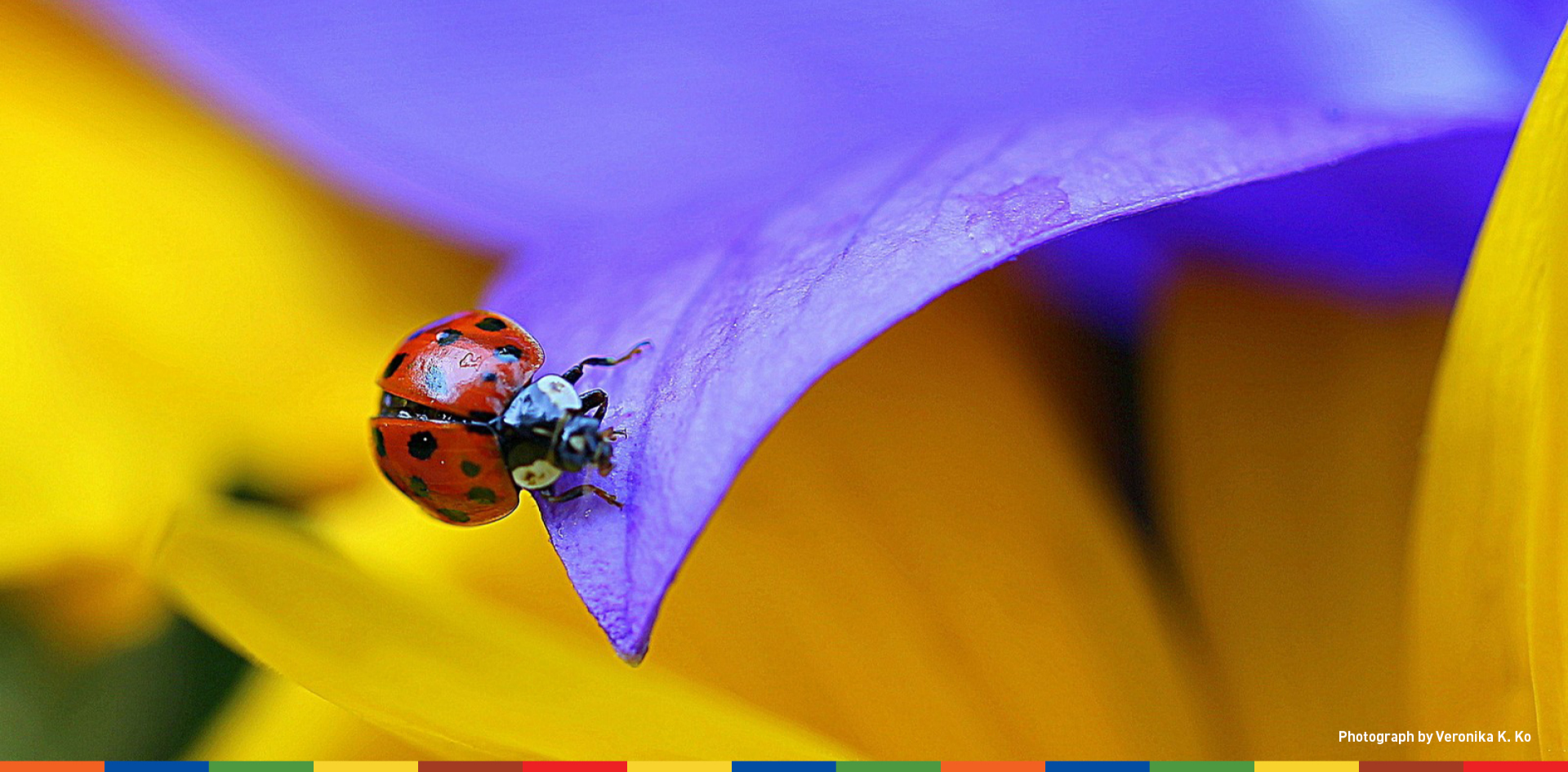
367,262

Photos so far

#GreatNature



Photograph by Vanessa Hirsch



Photograph by Veronika K. Ko



Photograph by Lauri H.



Photograph by Steve Adams



maryeford



Report Photo

holarctic treefrogs

Hylo

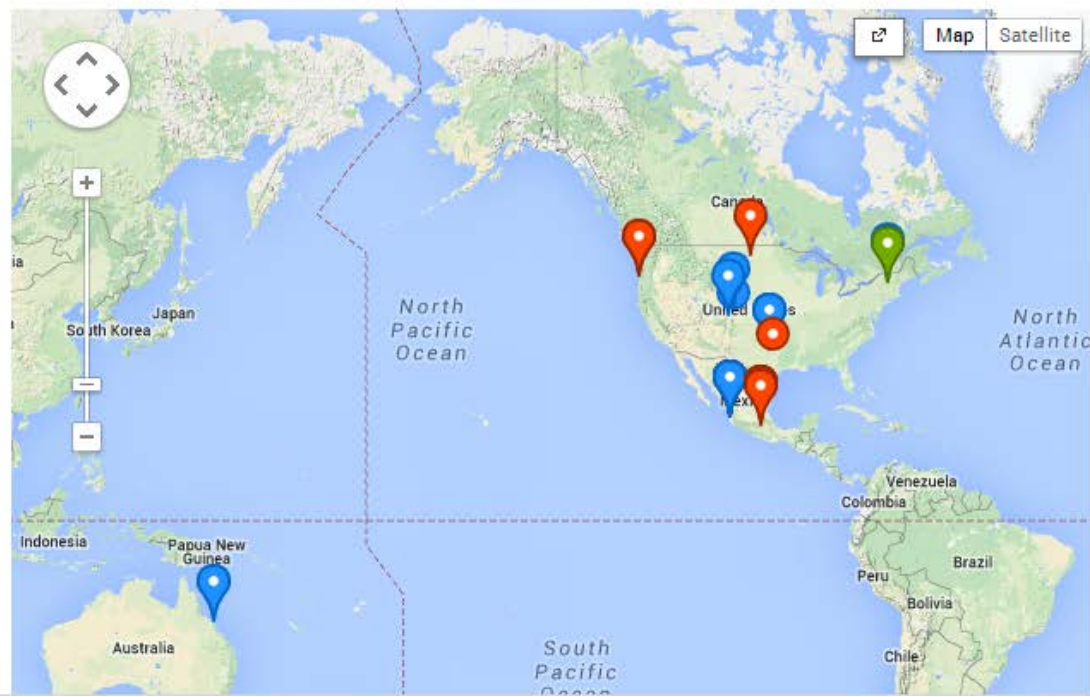
« Projects

[Terms & Rules](#) | [Edit project](#) | [Leave this project](#)



THE GREAT NATURE PROJECT

Add Observations



» [Observations / Map](#) 52824 observations

 Atom /  KML /  CSV /  All CSV

» [Checklist](#) 8233 of 8234 taxa observed

» [Journal](#)

» [Top contributors](#) 1762 members

1.  [finatic](#)
861 species, 6120 observations

2.  [charlie](#)
975 species, 5637 observations

3.  [susanelliott](#)
1422 species, 3407 observations

[View leaderboard »](#) | [View all members »](#)

» [Stats](#)



[Data](#) ▾

[News](#) ▾

[Community](#) ▾

[About](#)

Global Biodiversity Information Facility

Free and Open Access to Biodiversity Data

516,432,533

OCCURRENCES

1,454,694

SPECIES

13,813

DATASETS

639

DATA PUBLISHERS

Sharing biodiversity
data for re-use

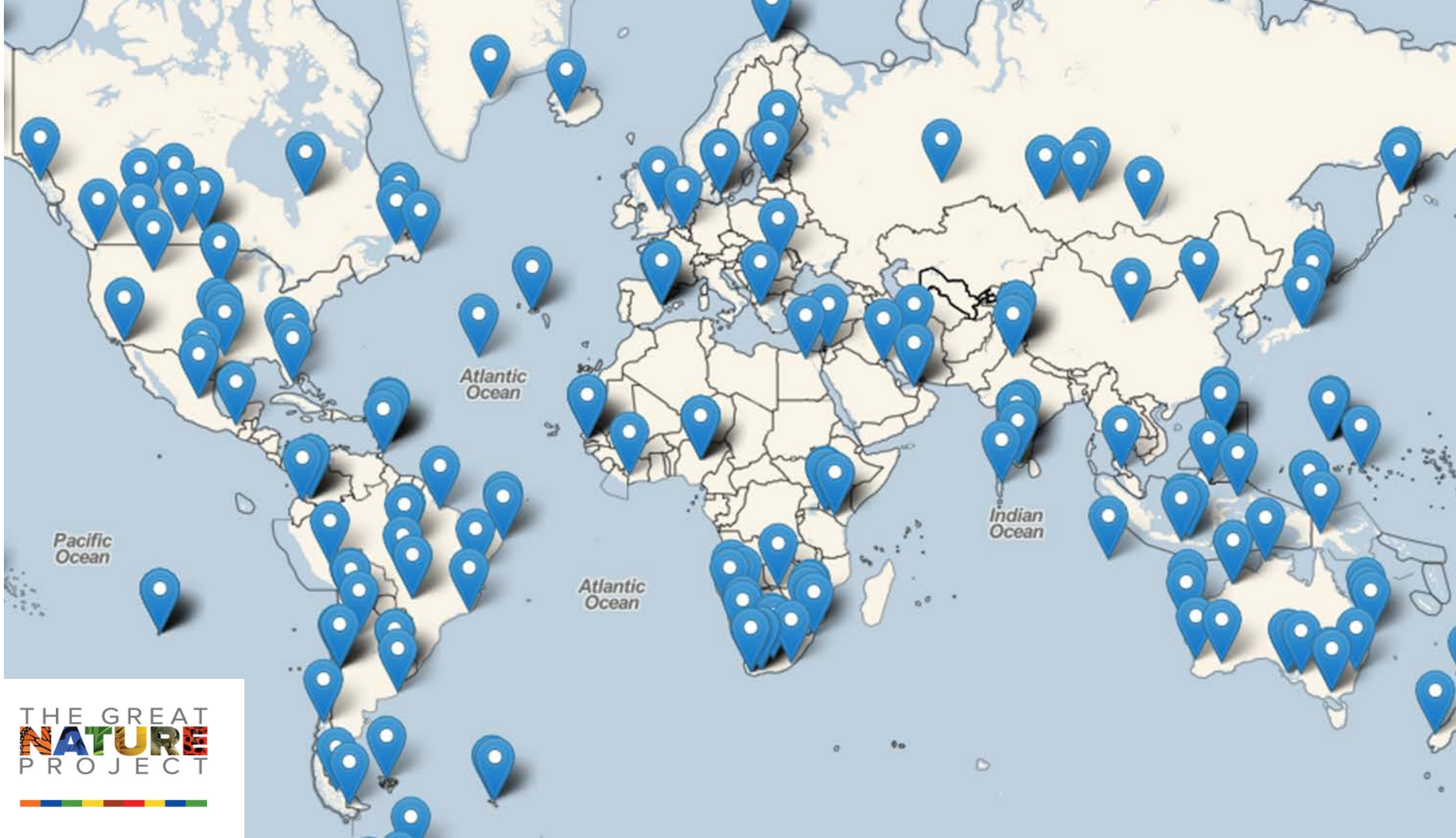
[Learn about GBIF](#)

Providing evidence for
research and decisions

[Using data through GBIF](#)

Collaborating as a
global community

[Current Participants](#)



GreatNatureProject.org



مبادرة أبوظبي العالمية للبيانات البيئية
Abu Dhabi Global Environmental Data Initiative

Explorers

[Explorers Home](#) [Projects](#) [Ways to Support](#) [Grants and Programs](#) [Donate to National Geographic](#)

Young Explorers Grant Application



■ Young Explorers Grant Links

- [Young Explorers Grants Main](#)
- [Apply for a Grant](#)
- [Young Explorers Grants Workshops](#)
- [Application Frequently Asked Questions](#)

■ Meet Our Explorers



Explorers

At the heart of explorers is the quest for knowledge through exploration and discovery. We are people who are driven to explore the world as it is, and to share what we learn with others. It is our mission to make exploration possible.

Lessons learned

- People are inspired by feeling that there is a **purpose** to their actions
- People like being part of a **larger effort**
- People like to be able to connect to the **community** that is part of that larger effort

Terry Sunderland



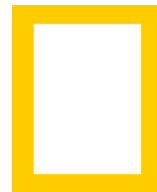


[NatGeoEd.org/bioblitz](https://www.natgeoed.org/bioblitz)

[GreatNatureProject.org](https://www.greatnatureproject.org)



mford@ngs.org



**NATIONAL
GEOGRAPHIC**



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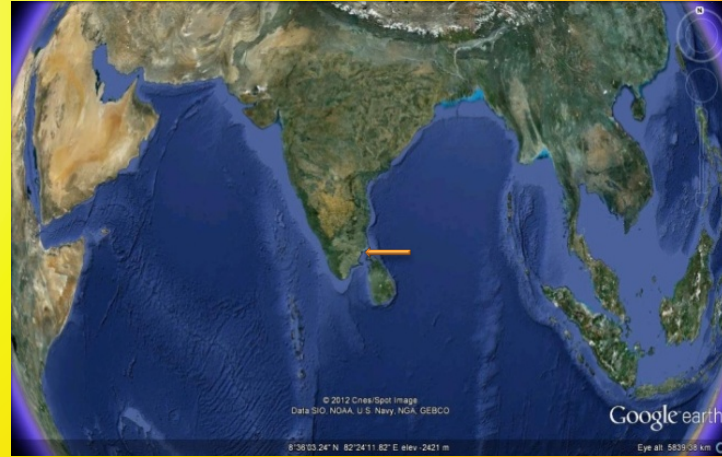


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A Camera, a Bike, a Kayak and Conservation



Dr.Vedharajan Balaji
Founder and Director ,
OMCAR Foundation
(Organization for Marine Conservation and Awareness)
India

1997-99



Self made UW camera

Small fish tank



Testing

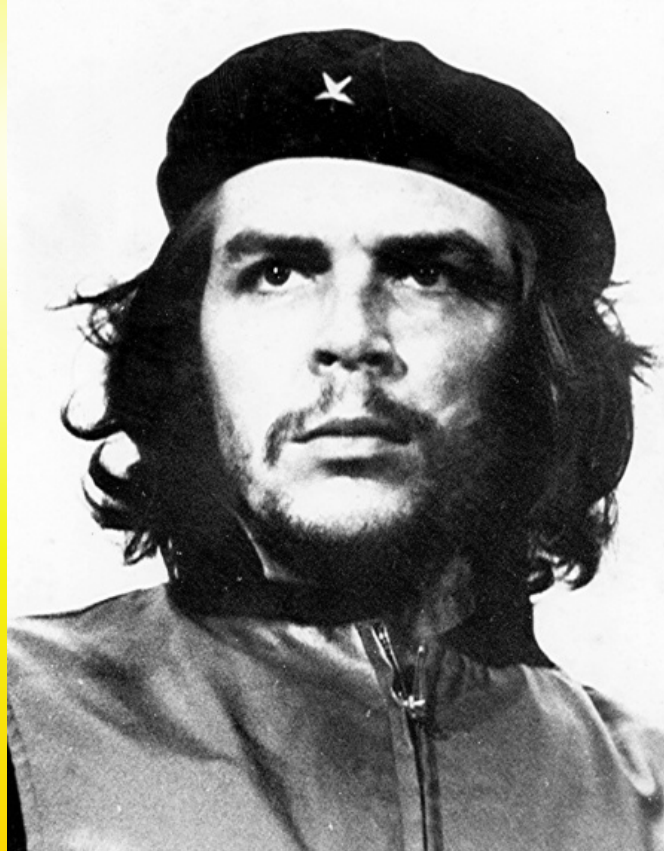


Seagrass

- A Survey report submitted to WWF in 1999 – to insist the need for sea horse conservation in Palk Bay



Che Guevara – The Motor Cycle Diaries (1952) –
South America



2002- My Motor Cycle Diary in South India - 1200km



2003 – for mangroves and sea turtles



2004-2005



2006



Building Community Participation Conservation...

2006



2007

600km Solo Kayak Expedition for Awareness



Community Based Mangrove restoration



2007

Evidence of How Awareness can be used for Mangrove conservation!



2008



2009

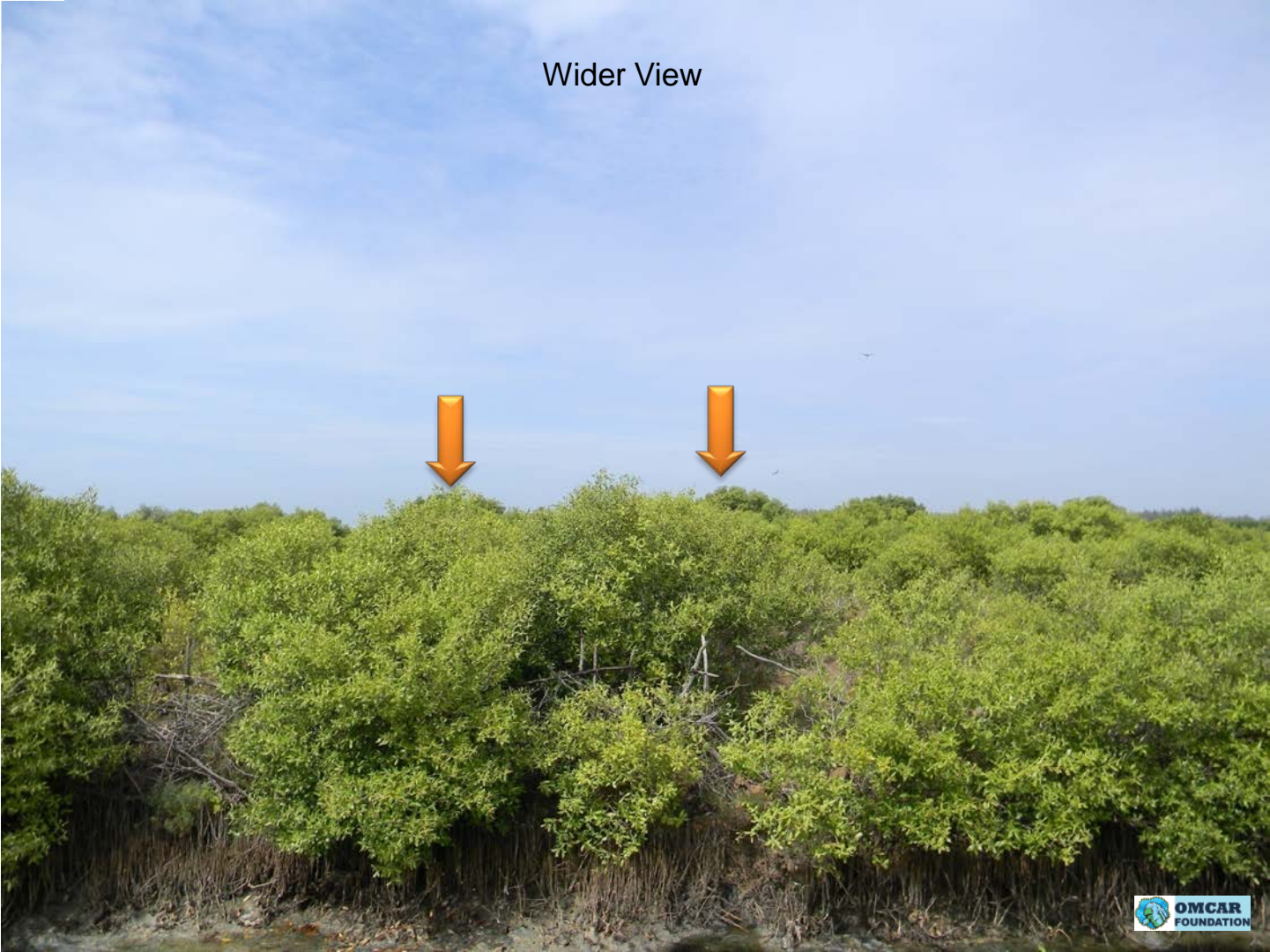


2010

2011



Wider View



Palk Bay – Paradise for Marine Mammals



Dugong



Porpoise



Humpback Dolphin

Palk Bay Environmental Education Centre

Dream come True!

2011





Active Learning for Environmental Awareness



2013



Palk Bay Centre Nature Camps

2617 visitors from 2011 - 2014



Training Teachers on 25th Sep. 2014

to conduct field trips for 2,500 students in next 2 years



Participatory GIS Mapping of Mangroves



Village Sketch by Women



GPS Survey by Men



Open Source
GIS Softwares



Community Hall



Decision Making



2014 - GIS Mapping of Seagrass Beds & Dugong Feeding Spots

2014



Time For Youth Action!
Arise, Awake and take your own responsibility
For Conservation

Sincere Thanks to....

- Light House Foundation, Germany
- National Geographic Conservation Trust, USA
- Ministry of Science and Technology, India
- Rufford Small Grants Programme, UK
- Marubis, Germany
- Convention on Migratory Species (CMS)



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Office of
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& Heritage





Reintegrating into Sacred Reciprocal Relations

Andrew Reid

Resident Herbanist

Cape Town, South Africa

andrew.reid@livelihoods.org.za

facebook.com/herbanisation

www.livelihoods.org.za





Periodic Table of the Elements

The image displays a periodic table of elements, color-coded by groups. A legend on the right identifies the color groups: alkali metals (pink), alkaline earth metals (yellow), transitional metals (light blue), other metals (dark blue), nonmetals (light green), and noble gases (orange). A diagram on the left shows the periodic table with labels for atomic number, symbol, name, and atomic weight. The periodic table itself shows elements from Hydrogen (H) to Oganesson (Og), with some elements highlighted in different colors to match the legend.

MULTIPLICATION TABLE

	11	12	13	14	15	16	17	18	19	20
1	11	12	13	14	15	16	17	18	19	20
2	22	24	26	28	30	32	34	36	38	40
3	33	36	39	42	45	48	51	54	57	60
4	44	48	52	56	60	64	68	72	76	80
5	55	60	65	70	75	80	85	90	95	100
6	66	72	78	84	90	96	102	108	114	120
7	77	84	91	98	105	112	119	126	133	140
8	88	96	104	112	120	128	136	144	152	160
9	99	108	117	126	135	144	153	162	171	180
10	110	120	130	140	150	160	170	180	190	200







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The background of the entire image is a close-up photograph of numerous water droplets of various sizes on a light blue, slightly textured surface. The droplets are in sharp focus, showing highlights and reflections. The title text is centered in the upper half of the image.

Gutter Rainbows

By Guilder Ramirez





Opportunity



Understanding



Creating Leadership Roles



In the end we preserve only what we love,
We love what we understand,
We understand what we are taught.

Therefore,
If we are Taught, we can Understand,
When we Understand, we can Love,
When we Love, we will Preserve





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What's your call to action?

IUCN World Parks Congress – Sydney 2014

TIM SILVERWOOD
Co-Founder, Take 3

**@timsilverwood @take3cleanbeach
#trashfreefuture**



**TIM
SILVERWOOD**



We protect what we love.

Photo: Kerry Down



TIM
SILVERWOOD



Pick it up. Bin It. Take3 for the Sea.



WWW.TAKE3.ORG.AU

Juvenile Laysan Albatross, Midway
Atoll

Photo: Chris Jordan

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Top stories
Sydney to Adelaide
Adelaide to Sydney
\$109*
tigerair



NEWS

\$10k buys a trip to see floating trash

By Mike Lee 6 A.M. FEB. 11, 2011

PRINT COMMENTS 0



A voyage in search of sea trash brings hard work and a rare opportunity to visit the middle of the Pacific Ocean aboard a 72-foot racing ship. — Algalita Marine Research Foundation



Still looking for that perfect Valentine's Day gift?



How about a 20-day tour on the high seas in search of the world's largest garbage dump.



The \$10,000 opportunity will allow a few lucky -- and wealthy -- people to research what's been cast as 'one of our time's most pressing environmental concerns' and earn their keep with all manner of ship duties.



Will you seize the
opportunity?



15 seconds worth of trash entering the
oceans.
(3 metric tonnes)



Photo: Plastic Garbage Project



Where does your plastic go?



Pick it up, Bin It. Take 3 for the Sea

www.timsilverwood.com

@timsilverwood
#trashfreefuture

www.take3.org.au

@take3cleanbeach
#take3forthesea

tim@take3.org.au

T: 0420 668 114



TIM
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