

ANNUAL REPORT 2013



NATIONAL MUSEUM ANNUAL REPORT 2013

HIGHLIGHTS OF YEAR 2013

JANUARY

Ceremonial Turn-over rites: A Gift to the Nation

- January 18, 2013, “Portrait of Julieta Abad Rufino” by Fernando Amorsolo, held at the Gallery VI, National Art Gallery, National Museum.
- January 22, 2013. “Bust of Manansala”, unveiling ceremony held at the MFPI Hall and Gallery X, National Art Gallery.

Exhibition:

- January 29, 2013, Launching of “Tohoku: Japanese Photography Exhibition” in partnership with The Japan Foundation, Manila, held at the Contemporary Art Gallery Room 308, 3rd Floor, NAG, National Museum.

Other Events:

- January 26, 2013 “HABI Group” General Assembly, MFPI Hall, National Art Gallery, National Museum.
- January 29, 2013 Congressional Spouses Foundation, Inc. visit and tour of Mrs. Marie Therese Royce - the wife of US Congressman, Edward Royce together with the Philippine Congressional wives at the Old Senate Session Hall, National Museum.

FEBRUARY

Exhibition:

- February 19, 2013, launching of the “Baybayin Exhibition: Philippine Ancient Script featuring the Baybayin Stone” found in Ticao Island, Masbate and other documents with ancient writings, held at the Museum of the Filipino People (MFP), National Museum.

Lectures and Workshops:

- February 2, 2013 Lecture of Pearlie Rose S. Baluyot, Ph.D entitled “Faith and/in Formaldehyde: On the Origin of Curiosity and Conversion” NAG, National Museum
- February 16, 2013, Sabado sa Museo Lecture Series – “Batanes: Where Culture and Nature Co-exist” lecture by Architect Augusto Villalon in partnership with Museum Foundation of the Philippines Inc., MFPI Hall, NAG, National Museum
- February 19, 2013, START 2013, Conference and Workshop on the Scanning of Museum Objects (February 19-22, 2013), FCCP Hall and the Old Senate Session NAG, Hall National Museum.

Outreach Activities: Planetarium

- February 17, 2013, Star-gazing at Rajah Soliman Park, Malate Manila in celebration of 2013 National Astronomy Week.

MARCH

Ceremonial Turn-over: Gift to the Nation

- March 9, 2013, Ceremonial Turn-over and acceptance of the Bandholtz Medallion from Mrs. Barbara Wood Cook, held at the Master’s Hall, NAG, National Museum.
- March 6, 2013, Turn over rites of the painting “The Portrait of Mr. Cheng Ban Lee and Madam So Ban Ty” by Federico Aguilar Alquaz (1932-2011) – held at the Contemporary Art Gallery Room 313, 3rd Floor, NAG, National Museum.

Seminar /Workshop/Lecture

- March 12, 2013, Observation on Comet “Panstars” at the view-deck of the Oceanarium, Manila.
- March 9, 2013 Tohoku Art Talk, lecture on the Tohoku Photography Exhibition, NAG, National Museum held at the Fabella Hall, 3rd Floor NAG, National Museum.
- March 20, 2013, Baybayin Seminar/Workshop conducted by Dr. Teresita Obusan of Bahay Nakpil, Reception Hall, NAG, National Museum.
- March 13, 2013, Gender and Development (NM GAD) Activities for the Month of March (Women’s Month)
 - Lecture titled “Respeto sa Kababaihan at Gabay sa Pagtahak sa Tuwid na Daan”
 - Workshop and Museum Employees Activity titled “Drawing Ko, Buhay Ko”

APRIL**Lecture/Training-Workshop**

- April 10-13, 2013 “Tuklas Kalikasan 2013”, An activity to commemorate the Earth Day 2013 celebration and in partnership with the City Government of Tayabas held at Nawawalang Paraiso Resort and Hotel, City of Tayabas, Quezon

Planetarium Outreach Activities:

- April 7, 2013, conducted free solar viewing session in celebration of the Global Astronomy Month with members of Astronomical League of the Philippines, Inc., held at the Baywalk, Roxas Blvd., Manila.

MAY

In commemoration of the Heritage Month

- May 18, 2013, International Museum Day Celebration – free viewing and series of lectures to the public.

Lecture and Training Workshops:

- May 23, 2013, lecture entitled “Conserving Buddhist Religious Heritage by training Bhutanese Monks by Mr Ephraim Jose and Dr. Nicole Tse – painting conservators from University of Melbourne, Australia, held at the Osmena Hall, National Museum.
- May 21, 2013, Workshop entitled “Building a Digital Engagement Strategy” held at the Director’s Office Boardroom, NAG, National Museum.
- Heritage Month Activities for Children:
 - May 31, 2013, Art Workshop (for indigent children of Baseco Compound), in cooperation with the Gig and the Amazing Sampaguita Foundation, Inc (GASFI), Intramuros Administration and Faber Castel Philippines, held at the Reception Hall, NAG, National Museum.
 - May 25, 2013, Story Telling activities (for indigent children of Baseco Compound) in cooperation with GASFI and Intramuros Administration, NAG, MFP and the Planetarium, National Museum.

JUNE**Ceremonial Turn-over: A Gift to the Nation**

- June 26, 2013, the unveiling of Ben Cabrera (BenCab) Painting “Woman In Distress”, donated to the National Museum held at the MFPI Hall, NAG, Ntional Museum.

Lecture/Training-Workshop:

- June 19, 2013, Lecture and Round-table Discussion on “The Role of the Museums in Promoting Good Scientific Research, Encouraging Biodiversity Conservation and Presenting Science to the General Public”, by Dr. N. Knowlton from Smithsonian Institute, National Museum of Natural History, USA. Held at the Marble Hall, MFP, National Museum.

Event:

- June 21, 2013, Testimonial Dinner for Senator Edgardo Angara on his conferment as “Dangal Ng Haraya Awardee”, presented by the Cultural Agencies held at the Old Senate Session Hall, NAG National Museum.

JULY**Exhibitions:**

- July 13, 2013, titled “Mixing Colors, Making History, Palettes in Art for Art”, Master’s Hall, NAG National Museum.
- July 24, 2013, “Escultor ng Lahing Filipino: Honoring the Life and Works of National Artist Guillermo Tolentino”, Security Bank Gallery Hall, NAG, National Museum.

Lecture/Seminar/Workshop:

- July 9, 2013 “Countiours of Chamorro National Identity and Filipino Contributions”, National Museum, MFPI Hall, NAG.
- July 25, 2013, Sabado sa Museo-MFPI lecture series: “Our Heritage in Our Genes Biodiversity, the Filipino Genome, and More”, MFPI Hall, NAG.
- July 26, 2013, First National Tour Guiding Forum, Old Senate Session Hall, NAG, National Museum.

AUGUST**Lecture/Seminar/Workshop:**

- August 5-6, 2013, Conference on Islamic Historiography in the Philippines – “Muslim Philippine Historiography After Majul”, sponsored by National Historical Commission of the Philippines held at the Marble Hall, MFP, National Museum.

SEPTEMBER**Exhibition:**

- September 20, 2013, Poster Exhibit “Promoting the Diversity of Philippine Languages”, Reception Hall, 4th floor, MFP, National Museum.
- September 20, 2013, Re-opening of the “Hibla Exhibition: Hibla Ng Lahing Filipino” and launching of the “Mother Tongue Program” through the initiative of Sen. Loren Legarda, held at the Hibla gallery 3rd Floor, MFP National Museum.

Lecture/Seminar/Workshop:

- October 5, 2013, “Burdahan sa Museo”, a demo workshop with guests (“Burdador”) from Taal, Batangas, Hibla Gallery, MFP, National Museum.
- October 5, 2013, Lecture on Piña Cloth Weaving through the courtesy of the Province of Aklan and Mrs. Antonina Ramos, Hibla Gallery, MFP National Museum.

OCTOBER**Ceremonial Turn-over: Gift to the Nation**

- October 19, 2013, unveiling of donated painting entitled “New York Lady” by Galo Ocampo, Master’s Hall, NAG, National Museum.
- October 29, 2013, ceremonial turn-over and acceptance of the donation of Leandro and Cecilia Locsin of the painting “El Asesinato Del Gobernador Bustamante” by Felix Resurrecion Hidalgo, Master’s Hall, NAG, National Museum.
- October 30, 2013, launching of the Pacifico Exhibition entitled “Pacifico, Spain and the Adventure of the South Sea” in partnership with the Embassy of Spain, Accion Cultural Espanola and AECID, held at the Old Senate Session Hall National, NAG National Museum.

Lecture/Seminar/Workshop:

- October 30, 2013, Lecture on the Pacifico Exhibition Design – conducted by Professor Antonio Fernandez, held at the MFPI Hall, NAG, National Museum.

Other Events:

- October 10, 2013, “Vision Petron 2013 National Student Art Competition Awards Ceremony”, , Old Senate Session Hall, NAG, National Museum.
- October 19, 2013, Book Launching: “The Life and Times of Galo B. Ocampo”, Master’s Hall NAG, National Museum.
- October 29, 2013, Book Launching of the Monograph of the painting “El Asesinato Del Gobernador Bustamante” by Felix Resurrecion Hidalgo, Master’s Hall, NAG, National Museum.
- October 19, 2013, conducted Story Telling Activity for 400 indigent children of Intramuros in partnership with Intramuros Administration (IA), GASFI, Faber Castel Philippines and LJC Group, at the National Museum.
- October 26, 2013, conducted Art Workshop for 400 indigent children of Intramuros in partnership with Intramuros Administration (IA), GASFI, Faber Castel Philippines and LJC Group, at the National Museum.

NOVEMBER**Lecture/Seminar/ Workshop:**

- November 15, 2013, Pentasi B Poetry Forum in cooperation with the National Library held at the Marble Hall, MFP, National Museum.
- November 27, 2013, Opening Ceremony of CELEAP III – Spanish Language Conference sponsored by the Instituto Cervantes and the Embassy of Spain held at the Main Lobby of the National Art Gallery, National Museum.

DECEMBER**Exhibition:**

- December 7, 2013, Exhibition launching of Anthropometria “Mode and Science III” in partnership with the University of Tokyo and the Japan Foundation in Manila, Pagcor Room, MFP, National Museum.
- December 17, 2013, Exhibiton launching titled “Rice, Biodiversity and Climate Change” in Celebration of the National Year of Rice and in partnership with PhilRice through the initiative of Senator Loren Legarda, held at the Tambunting Hall, MFP, National Museum.

Lecture/Seminar/Workshop:

- December 7, 2013, The Two decades of “UMUT: From Digital Museum to Mobile Museum”, by Prof. Yoshiaki Nishimo, held at the Marble Hall, MFP, National Museum.
- December 10, 2013, The 5th Senator Loren Legarda Lecture Series: by Nguyen Thi Tuan Linh and Hoang Thi To Quyen, Vietnamese Conservators from the Vietnam Ethnology Museum, titled “The Philippine Textile Collection in the South East Asia” and a workshop on “Making Exhibition Mounts for Textiles”, both held at the Hibla Gallery, MFP, National Museum.
- December 16, 2013, Conference on Baybayin, Ayala Theater, MFP, National Museum.

Cultural Divisions

Arts Division

EXHIBITION SUPPORT

In coordination and direction of the Director's Office and other NM divisions, the Arts Division supported various art exhibits and related activities in the National Art Gallery and in the Museum of the Filipino People. Assistance rendered included supervision of ingress and egress of exhibits, preparation of artworks for exhibition in coordination with other NM Divisions. Particular of these activities were the return of loaned sculptures by Jerry Araos; preparations for the Baybayin exhibit, Tohoku photograph exhibit, Eskultor ng Lahing Pilipino (Guillermo Tolentino) exhibit, special exhibit "Mixing Colors, Making History" (palettes used by Fernando Amorsolo)

Monitored total number of artworks on display (including those on loan): 614

ART DONATIONS

Through the efforts of Director Jeremy R. Barns and the management team, the National Museum acquired 13 artworks which were celebrated during the turn over rites. The following donated artworks were officially donated the year 2013.

1. "Portrait of Marylis de Jesus Sevilla" (1958) by Anita Magsaysay-Ho as donated by Carmen Euphrasia de Jesus Tiglao;
2. "Portrait of Cheng Ban Lee and Wife" (1950) by Federico Aguilar Alcuaz as donated by Christian Michael Aguilar;
3. "Woman in Distress" (2007) by National Artist Benedicto Cabrera as donated by the artist himself;
4. "Angel" (undated) attributed to Guillermo Tolentino as donated by The Hermogenes S. Reyes and Teodora Tantoco Reyes Foundation
5. "Portrait of an American" (1947) by Galo B. Ocampo as donated by Amable P. Ocampo; "Pieta" (ca. 1946) by Francesca Riccardo Monti and "Madonna with Angels" (ca. 1946) also by Monti as donated by Catalina Realty Inc.;
6. "A Painted Glass Window" (ca. 1946) by Cesar Amorsolo;
7. "Bust of Vicente Manansala" by National Artist Napoleon Abueva as donated by The Friends of Manansala;
8. "Bust of Juan Luna" by Anastacio Caedo as donated by Dr. Ambeth Ocampo;
9. "Portrait of the Ildefonso Family" by Diosdado Lorenzo as donated by Mrs. Betty Ildefonso-Chalkley with the support of the Philippine Italian Association;
10. "Dreamland" by National Artist Carlos V. Francisco as donated by Esther A. Vibal;
11. "Carabaos in Pink" by Romeo Tabuena and "Nipa Hut-Madonna" also by Tabuena as donated by The Herbert and Trudi Zipper Bequest through Dr. Benito Legarda Jr.

COLLECTION MANAGEMENT

Inventory

Total artworks maintained (only those accessioned): **1,200**

In compliance with the instructions of the Director, the NM-Arts Division as supervised by Architect Irineo M. Ramiro, Curator II, started the formal inventory of the NM Fine Arts Collection beginning March 1, 2013 in coordination with the NM Collection Inventory Committee (NMCIC).

Inventory yielded a composition of The NM Fine Arts Collection of artworks by 19th century Filipino masters, national artists for the visual art, and leading contemporary painters and sculptors. Artworks previously on loan to other government agencies were also retrieved by the division.

Inspection of Artworks

Regular inspection of the galleries and exhibited artworks are conducted by the Division. Artworks needing proper maintenance and conservation were inspected, documented, noted and was coordinated with the with the Director's Office and the Chemistry and Conservation Laboratory Division. Among the artworks that required conservation were:

1. "Portrait of Dr. Jose Rizal" (1962) by Felix Gonzales,
2. "Rizal The Reformist" (1960) by Martino Abellana,
3. "Dead Child" by Simon Flores, and "Una Bulaqueña" (1895) by Juan Luna.
4. Moreover, the division also participated in the documentation of the Manansala paintings on loan from the Philamlife collection.

Cataloguing Workshops

With the support and encouragement of Asst. Dir. Ana Maria Theresa P. Labrador, the staff of the division underwent informal trainings in collections management, basic cataloguing, and conservation. In March 2013, all of the staff including non-researchers attended lectures on art history and underwent workshops on imaging and historiography as facilitated by art historian Dr. Pearlie Rose Baluyut. In November 2013, the staff attended workshops in cataloguing including identification of various damages incurred by artworks as facilitated by art conservator Dr. Nicole Tse.

Digitization

Started in April 2012, digitization of artworks continued throughout 2013. Professional photographer Benigno "Bengy" Toda III volunteered his services to photograph the collection. Aside from the NM and GSIS collection, recently donated and other on-loan artworks were also photographed. Part theof planned Digital Photo Library, the high resolution images were made available for publications and cataloguing of the NM collection.

To ensure the safety of the artworks, the division coordinated the movement of artworks with the Chemistry and Conservation Laboratory Division.

EXTENSION SERVICES

1. Faber-Castell held a free Art Workshop for children ages 5-13 years old on May 31, 2013 at the Reception Hall, National Art Gallery.
2. SONA (July 22, 2013)
Regular assistance of the National Museum to the preparations of the annual State of the Nation Seven (7) artworks from the NM visual art collection featuring indigenous themes were identified and loaned to the PLLO for the SONA these were:
 1. "Drummers Diana" by Ricarte Puruganan,
 2. "Village Crier" by Ricarte Puruganan,
 3. "Bagobo Basket Weaver" by Isabelo Quiles,
 4. "Ulog" by Noel Escultura,
 5. "Mandaya" by Bert Monterona, "Fish Vendor" by W. Luvino,
 6. "Mother Nature" by Jaime Roque.

Packaging the selected artworks was facilitated by the Arts Division staff while the Chemistry and Conservation Laboratory Division through Mauro Alvarez provided the condition report.

As the artworks were returned to the National Museum on August 1, 2013, the staff of the Arts Division inspected the artworks and found them all in good condition.

Assistance to Students

As a public service, the division facilitated requests of universities and colleges to accommodate their students particularly in doing research on Philippine artworks and biographies of artists and sketching of selected sculptures. Through the coordination and approval of the Director's Office, the following were served:

1. World Citi Colleges
2. Pamantasan ng Lungsod ng Maynila (PLM)
3. Asia Pacific College (APC)
4. University of the Philippines-Manila
5. Malayan College of Laguna.

Collaboration with the Cultural Properties Division (CPD)

As part of the enforcement of laws on national heritage and cultural properties, the division provided professional services to the Cultural Properties Division. Specifically, Arts Division personnel assisted in the identification and documentation of artworks, ivories, and antique religious images in the private collection for registration; coordination with the officers of the Parish Pastoral Council of Paete Church as part of the church's application for declaration as a National Cultural Treasure; and the identification and verification of previously issued NM Certificates of Authenticity.

Cultural Properties Division (CPD)

In 2013, the Cultural Properties Division, as the lead division of the National Museum in the implementation of laws on the preservation and protection of cultural properties of the country, was engaged in the identification, documentation and registration of cultural properties from dealers and private collectors; and issuance of permits and clearances for excavations / explorations, treasure hunting; and new or renewed licenses for dealers. A total of 573 pieces of cultural properties were registered; 2,381 items were exported; 69 permits were issued; 69 licenses were issued to dealers; 10 deputization papers and 14 National Museum Research Associate applications were approved; and 283 Certificates of Non- Coverage were released. From the registration of collections and issuance of permits and licenses, the CPD generated an income of P 515,307.00.

To enforce the full force of the law on the protection and preservation of the national cultural properties, the CPD staff conducted 67 fieldworks; and inspected and assessed terrestrial and underwater archaeological sites in 25 provinces and cities in the country. In conjunction with these inspections and investigation activities, coordination and net-working with local executives, civil authorities, Philippine National Police, Philippine Coast Guard, Bureau of Customs, National Investigation Bureau, Department of Justice, Philippine Navy, Palawan Council for Sustainable Development, Department of Environment and Natural Resources, Conservation Heritage Society of the Philippines and the Office of the Special Envoy on Transnational Crime were pursued. This linking of resources resulted in the successful handling of cases and concerns regarding theft, illicit traffic of antiques and illegal excavation.

Declaration of Cultural Properties

As the protector of the natural and cultural properties, the CPD takes the lead in the declaration of both immovable and movable objects as well as intangible heritage as National Cultural Treasures and Important Cultural Properties. For 2013, the CPD facilitated the declaration of 15 cultural properties that include 5 National Cultural Treasures; 5 Important Cultural Property and 6 Cultural Properties.

**2013 LIST OF DECLARED
NATIONAL CULTURAL TREASURES,
IMPORTANT CULTURAL PROPERTIES AND CULTURAL PROPERTY**

Cultural Property	Category	Museum Declaration No. and Date of Declaration
Twin Forts of Romblon, Romblon, Romblon	National Treasure Cultural	MD-1-2003; March 19, 2013
Parish Church of the Holy Trinity, Loay, Bohol	National Treasure Cultural	MD-7-2013; October 22, 2013
Parish Church of the Santo Nino, Cortes, Bohol	National Treasure Cultural	MD- 8-2013; October 22, 2013
Rizal Park Monument, Luneta, Ermita, Manila	National Treasure Cultural	MD-9-2013; November 14, 2013
Santa Barbara Church Complex, Santa Barbara, Ilo-ilo	National Treasure Cultural	MD-10-2013; November 17, 2013
The Spanish Colonial Era Municipal Building, Traida de Aguas, and Bridges, Romblon, Romblon	Important Property Cultural	MD-2-2003; March 19, 2013
Casa de San Fernando, Romblon	Important Property Cultural	MD-3-2003; March 20, 2013
Guyanang Cave System, Banton Island, Romblon	Important Property Cultural	MD-4-2003; March 19, 2013
St. Augustine Parish Church, Lubao, Pampanga	Important Property Cultural	MD-5-2003; August 28, 2013
Parish Church of Santa Monica, Alburquerque, Bohol	Important Property Cultural	MD-6-2003; October 22, 2013
Mauban Sea Wall, Mauban, Quezon	Cultural Property	CP-01-2013; July 2, 2013
Chanuangco Sunico House, San Nicolas, Binondo, Manila	Cultural Property	CP-02-2013; August 5, 2013
St. John the Baptist Parish Church, Garcia Hernandez, Bohol	Cultural Property	CP-03-2013; September 27, 2013
First United Building, Escolta, Manila	Cultural Property	CP-04-2013; October 23, 2013
Holy Infant Parish Church Complex, Valencia, Bohol	Cultural Property	CP-05-2013; November 4, 2013
Ides O'Racca Building, Binondo, Manila	Cultural Property	CP-06-2013; November 18, 2013

The CPD staff also conducted site inspection of heritage sites petitioned for declaration in Pangasinan, Rizal, Pampanga, Manila, Tarlac and Iloilo.

Ms. Raquel Flores represented the National Museum in the unveiling of NCT marker in Romblon Church March 13, 2013.

Inspection of Reported Archaeological Sites

The CPD was also involved in the inspection of reported terrestrial and underwater archaeological sites in Capiz, Romblon, Butuan City, Marinduque.

Membership in National and Regional Committees

Members of the Cultural Properties Division are active members of the following inter-agency committees:

1. National Cave Committee (NCC)
2. NCCA - National Committee on Monuments and Sites (NCCA-MS)
3. National Law Enforcement Coordinating Committee (NALECC)

CPD participation in International and Regional Workshops

1. Angel P. Bautista – PREHSEA Workshop in Sangiran, Indonesia –February 4 to 13, 2013
2. Angel P. Bautista – ASEAN COCI Sharing of Experiences in the Protection and Preservation of National Treasures – Chiang Mai, Thailand, February 24 to March 1, 2013
3. Angel P. Bautista – International Conference on Southeast Asian Archaeology, Chanburi. Thailand, May 6 to 15, 2013
4. Raquel Flores, Giovanni Bautista, Eric Rosario – American Mission, Pearl Harbor, Hawaii, USA, July 20 to 29, 2013
5. Angel P. Bautista and Giovanni Bautista – Ivory Identification and Marking, PAWB, Quezon City, December 2013
6. Ernesto B. Toribio, Jr. – Underwater Archaeology, Chanburi, Thailand – February to March 2013

Technical Assistance in International Event

The CPD staff acted as a courier of National Cultural Treasures and Cultural Properties that were exhibited in the prestigious Quai Branly Museum in Paris, France from March 27 to April 7, 2013; and from July 15 to 20, 2013. The grand exhibition entitled Philippines: Archipel des échanges (Philippines: An Archipelago of Exchange) featured Philippine artwork and artifacts dating back to the country's pre-colonial period.

CPD Monitoring Activities

The CPD staff members monitored an earthmoving activities in Santa Ana, Manila and in Pangasinan in connection with the application of clearances.

Information Dissemination Campaign

To insure the preservation and protection of cultural property in the country, the CPD conducted an information dissemination campaign by rendering lectures on the mandate of the National Museum and various laws on Cultural Property to elected officials, Barangay Captains, Department of Education representatives, engineers, architects and employees of the municipal governments and other stakeholders in 25 provinces of the country.

American and Japanese Mission

For year 2013, the CPD provided the necessary assistance regarding human skeletal human remains of Japanese and American soldiers who died in the Philippines during World War II. Although the collection of the Japanese remains is on-hold, the CPD provided the necessary assistance regarding the maintenance of the remains that are presently in the possession of the National Museum. With regard to American Mission,

the CPD was actively involved in workshops and field activities relative to the gathering of information that will lead to the recovery of American soldier remains.

Projects handled by the Cultural Properties Division

In 2013, the CPD staff members were involved in the following projects:

1. Exposition of Archaeological Features at San Ignacio Archaeological Site, Intramuros, Manila
2. Baybayin Exhibit at the Museum of the Filipino People
3. Ayuntamiento Exhibit at the Bureau of Treasury, Intramuros, Manila

Other Activities

Aside from the implementation of the PD. 374, the CPD conducted an in-house training such as lectures on artifacts and ecofacts. Likewise, several CPD staff members were involved in researches in various fields of Archaeology and Natural History. Furthermore, a collation of all declared National Cultural Treasures and Important Cultural Property was also prepared by the CPD staff. They also participated in seminars on Personnel Development and Cultural Resource Management.

The CPD staff also provided technical assistance to researchers, students and foreign and local institutions as well as various committees in the NM.

Publications

1. Archaeological Excavation at Iglesia de San Ignacio Site, Intramuros, Manila
2. Archaeological Excavation at Ayuntamiento Site, Intramuros, Manila.
3. Protecting Filipino Heritage (revision).
4. Bayabyin: Ancient and Traditional Scripts in the Philippines

Audio-visual Documentations

1. National Cultural Treasures and Important Cultural Properties in the Philippines
2. Archaeological Excavation at Iglesia de San Ignacio Site, Intramuros, Manila
3. Archaeological Excavation at Ayuntamiento Site, Intramuros, Manila.(including Hologram)
4. Bayabyin: Ancient and Traditional Scripts in the Philippine

Bohol Heritage Task Force

The CPD members were actively involved in the rapid assessment of National Cultural Treasures and Important Cultural Properties that were destroyed during the 7.2 magnitude earthquake that struck Bohol Province in October 2013

Accomplishment Summary

January –December 2013

I.	No. of fieldworks undertaken (Implementation of P.D. 374, R.A. 8492, R.A. 10066, Registration, Public awareness, lectures)	-	67 Fieldworks
II.	No. of walk in-clients attended to	-	92 clients
III.	Cultural Properties Registered		
	Dealers	-	103 items
	Private Collectors	-	470 items
IV.	Certificates Issued:		
	a. Antique Dealers	-	69
	b. Private Collectors	-	32
	c. Deputization Papers	-	10
	d. Research Associate	-	14

	e. National Cultural Treasure/s	-	5
	f. Important Cultural Property	-	5
	g. Cultural Property III	-	6
	g. Certificate not covered	-	283
V.	Permit/s issued to:		
	a. Export-	-	44
	b. Explore	-	4
	c. Excavate	-	1
	d. Treasure Hunting	-	16
	e. Transport	-	4
VI.	Authorization issued		
	a. Land Archaeology	-	5
	b. Research Associate	-	17
	c. Collect/Transport	-	48
	e. Survey	-	0
	f. Anthro Study	-	0
	g. Japanese	-	0
	h. American	-	1
VI.	Items inspected for export		
	a. Cultural Property	-	451 items
	b. Not covered	-	1,930 items
VII.	Licenses issued to Dealers	-	21
VIII.	Total Annual Income for the year (January to December 2013)	-	<u>P 515,307.00</u>

IX. 2013 Heritage Pride: NM declarations of National Cultural Treasures (NCT's) and Important Cultural Properties (ICP's) (R. Flores)

In line with the National Museum's mandate of preserving and protecting cultural properties of the country, the year 2013 saw the list of the National Cultural Treasures and Important Cultural Properties inscribed as among the short list of the honored cultural properties. Of particular site and structures that have merited our country's pride and attention included the following:

The Twin Forts of Romblon Island

Declared a National Cultural Treasure last March 19, 2013. These twin forts, Fuerza de San Antonio (San Andres) and Fuerza de Santiago, played a significant role in defense of the island from Moro and Dutch Pirates during the Spanish period. Strategically located on top of San Antonio and Cavalry Hills overlooking the whole town of Romblon, the twin towers- made of coral blocks, is a testament to fusion of an ingenious engineering and construction styles of development without harmful consequences to the natural environment.

Holy Trinity Parish Church – Loay, Bohol (above) Sto. Niño Parish Church – Cortes, Bohol

We sighed with relief that our government's declaration of significant cultural properties is one best preparation for the unexpected 2013 destruction of heritage and we are happy to announce that we have declared quite a number of built structures that merited as National Cultural Treasure in earthquake stricken Bohol. In Cortes, the Church of the Parish of Santo Niño, is declared an NCT together with the Church of the Parish of the Holy Trinity of Loay in Bohol. The Church of Cortes has an intact quality with historical, cultural and artistic significance. It is a structure of cut coral stone blocks, with interiors featuring exquisite retablo in Baroque-Renaissance style, and extensive ceiling murals painted by Ray Francia, a unique feature of the period. Loay Church, on the other hand, was also a structure of cut coral stones similar to the other historical structures within its complex. It is a cruciform designed church with low quadrangular pyramid atop the crossing. It has a portico façade dominant to all other historical churches in

the Philippines. Together with the previously declared structures as significant properties, our Bohol Task Force, had their hands full in the projects of Heritage Rescue and forthwith restoration plans to augment if not lead the national restoration effort of Heritage Churches and structures of Bohol.

The Church of Sta. Barbara, Iloilo

In Iloilo, the Church of the Santa Barbara Parish was also declared an NCT. Also of Baroque-Renaissance style, it is one of the better preserved church and convents in Iloilo that have maintained its architectural features of Spanish colonial vintage, with surviving façade that bears the seal of the Holy See and the Augustinian Order. The structure is shaped like a Roman cross having domed shape roof. It has well preserved floors with adjoining convent that is also intact with floors made of piedra silleria and brick and upper floor made of cast iron and hardwood.

The Rizal Monument, Rizal Park - Manila

And lastly, on the occasion of the 117th death anniversary of Dr. Jose Rizal on December 30, 2013, the National Museum inscribed the Monument of Dr. Jose Rizal at the Rizal Park as National Cultural Treasure, owing to our revered hero who is entombed in the monument. The monument becomes the pre-eminent symbol of the national political, historical and cultural aspirations of peoples' struggles as an independent and sovereign people among the community of nations. Regarded as an artistic and cultural icon, the monument, is a leading example of public monuments throughout the country and Filipino communities around the world, where time-honored traditions is being held such as national celebrations for independence day, Rizal Day, inauguration of Presidents of the Philippines, tributes during state and official visits of foreign leaders and dignitaries and other public observations and events.

Spanish Colonial Era Bridges – Romblon Is.

The year 2013, listed Important Cultural Properties. Among those declared were the Spanish Colonial Era Municipal Building, Traida de Aguas and Bridges, of Romblon Island also last March 19, 2013, together with the Guyangan Cave System of Banton Island, and Casa de San Fernando of Sibuyan Island, all of Romblon Province. Spanish Colonial Era Municipal Building is an architectural product of Spanish and American colonization. Built with coral limestone, it is a significant historical and cultural transition of Romblon from the 19th to the 20th century. Spanish Colonial Era Bridges – Fuente de Fetalvero, Fuente de Belen, and Fuente de la Paz, spanning the street of Madronal. They paved the way for the evolution of the province's commerce, communication and transportation.

Traida de Aguas or Fuente de Belen

Traida de Aguas or Fuente de Belen- built in the 19th century is an old fountain located at the town center and served as freshwater source for the whole town during the Spanish colonial period.

Banton Island showing the Guyangan Cave System

The Guyangan Cave System –an important heritage resource of the Romblon Province, continues to serve the archeological activities that contributed greatly to the scientific knowledge of Romblon's and the Philippines' in general of its pre-history. With significant archeological finds such as the Banton Cloth, a National Cultural Treasure and the pre-historic practice of deforming the skull of an infant, the system continues to yield earthenwares, shards, glazed vessels, wooden coffins, teeth, artifacts made of shells and Chinese ceramics attributed to Sung, Yuan, and Ming Dynasties. Indeed, a valuable area for archeological studies, particularly on the pre-Spanish burial practices in the Philippines. Casa de San Fernando – Sibuyan Island, Romblon

Casa de San Fernando located in Sibuyan Island is a Spanish Cuartel built of stone coral blocks with wooden beams. The structure is a unique built-heritage as a watchtower stood majestically at the back of the residence structure believed to have been built for the purpose by then Don Pedro Sanz, a Spanish Gobernadorcillo.

St. Augustine Church – Lubao, Pampanga

Another Important Cultural Property (ICP) is the Church of St. Augustine Parish of Lubao, Pampanga. Surviving major earthquake and turmoil of war, the Church continue to mirror the lives, culture and tradition of the people of Lubao, who even early on, are relatively organized community. The church still bears the original black Holy Cross - a symbol of acceptance of Christianity offered before the first structure of this church was built between 1613 and 1638. An enduring faith by its people continued to be represented by this Holy Cross as the Church carries this important symbol of faith together with the barely touched and unharmed antique collections, its retablo mayor and the 1862 stationary center bell that was first offered to the people of Lubao. The Church stood as the center of the unwavering faith and tradition of the people of Lubao who continued to preserve the structure that has been home for centuries of the black Holy Cross, a symbol of their faith.

Sta. Monica Parish Church – Albuquerque, Bohol

Also, in Bohol the Church of the Parish of Sta. Monica in Albuquerque was declared an ICP. This church possesses unique and exemplary features such as imposing neo-gothic façade and portico and the massive convent and rectory. It has extensive modern ceiling murals that reflect the original artistic scheme, though no longer intact, earlier executed by Ray Francia representing heritage landmark among churches of Bohol.

The Cultural Properties Division of the National Museum processed all nominations for inscriptions. Protecting these cultural properties through declarations included monitoring and technical assistance of the structures that were listed as significant. All stakeholders are enjoined to provide assistance to all of these national prides inscribed to last through generations to come

ACTIVITIES OF BOHOL HERITAGE TASKFORCE

1. Rapid Assessment of Cortes Church destroyed by Earthquake
2. CPD personnel documenting liturgical objects at Loboc Church
3. CPD personnel installing posters and billboards to prevent illicit traffic of cultural properties in Bohol

DOCUMENTATION OF INTANGIBLE HERITAGE

1. CPD staff members assist in the documentation of Ifugao Intangible heritage –Hudhud di Kolot

EXHIBIT

1. Ayuntamiento Exhibit at Bureau of Treasury, Ayuntamiento Building, Intramuros, Manila

BAYBAYIN EXHIBIT

1. Opening of the exhibit at the Metro Bank Gallery, MFP on February 19, 2013, Baybayin Exhibit at the Museum of the Filipino People

SITE INSPECTION

1. Supervising the rehabilitation of sites; monitoring treasure hunting activities

PREVENTION OF ILLICIT TRAFFIC OF IVORY

1. NM Directors witness the destruction of ivory tusks in support of the prevention of illicit traffic of ivory
2. CPD Chief accepts 6 pieces of ivory as donation for education and exhibit purposes from PAWB Director Mundita Lim

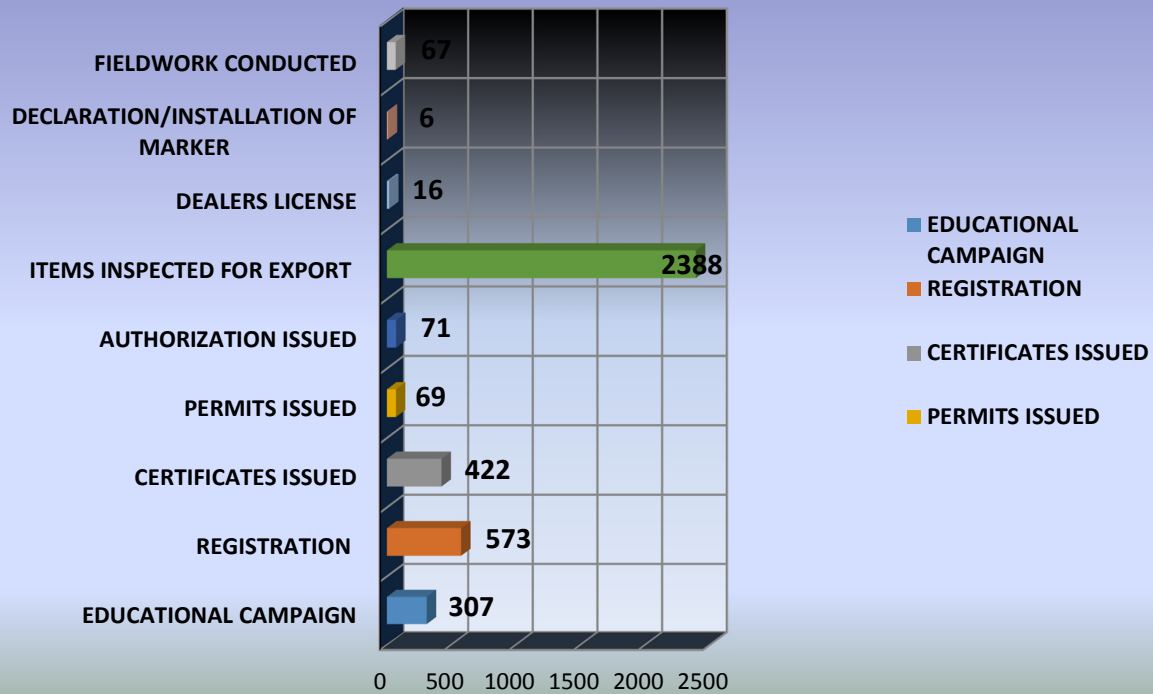
TRAINING ON IVORY IDENTIFICATION AND MARKING

1. CPD staff participates in Training on Ivory Identification and Marking facilitated by PAWB

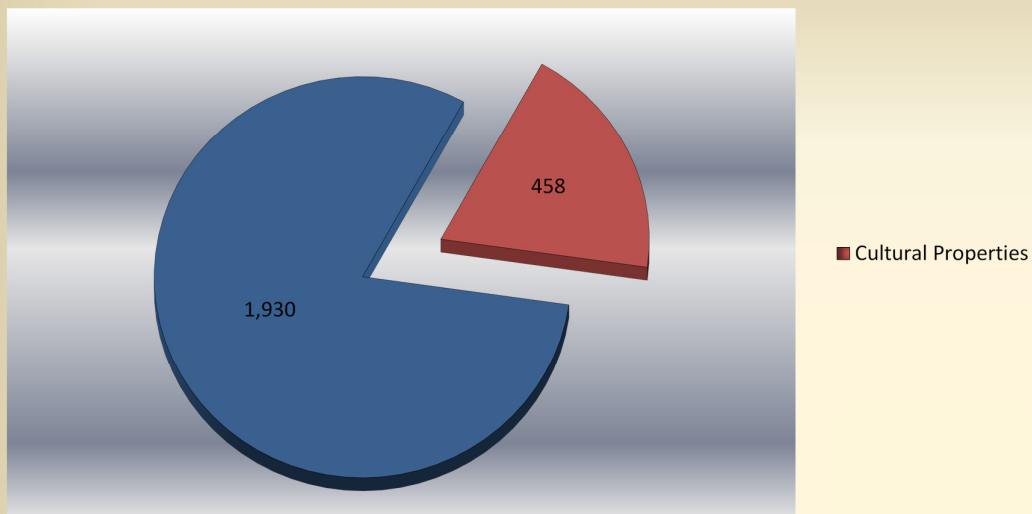
PARTICIPATION IN INTERNATIONAL CONFERENCES

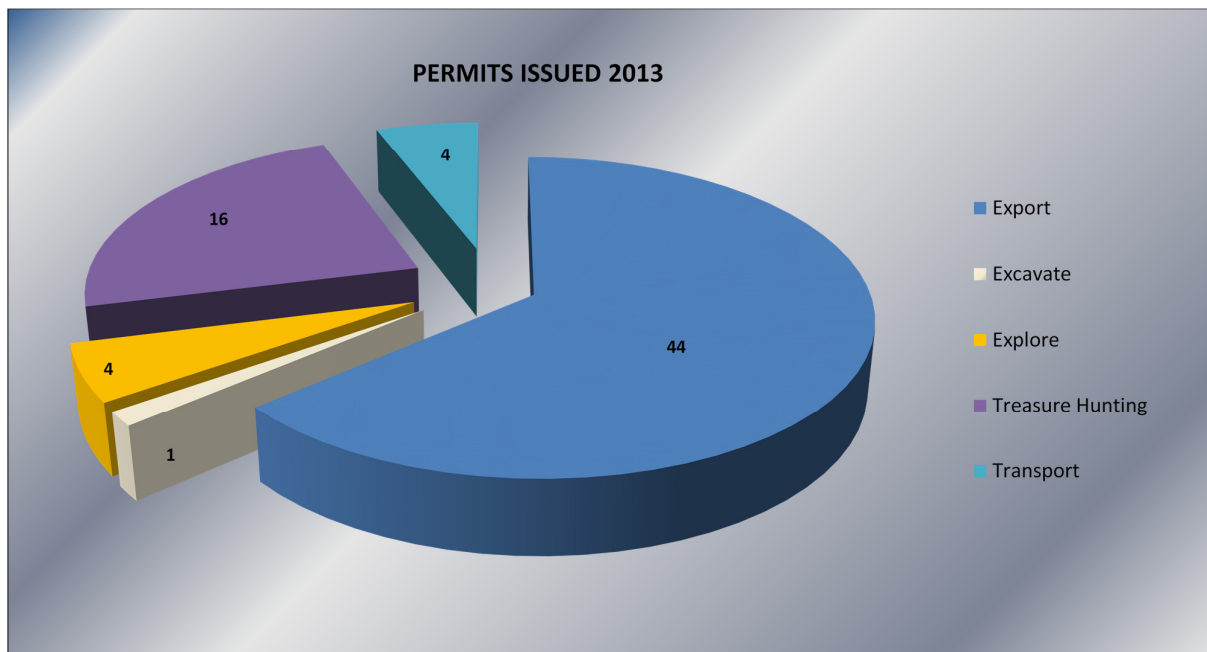
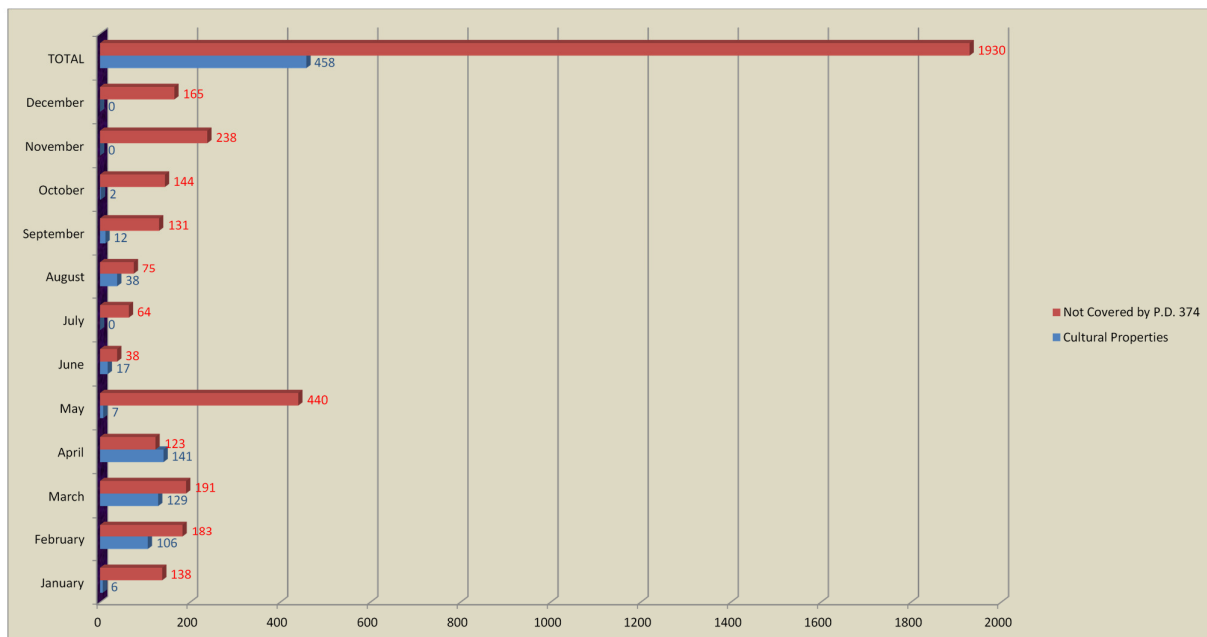
1. International Gathering of Experts in Cultural Heritage Management of Prehistoric Sites, Sangiran Indonesia

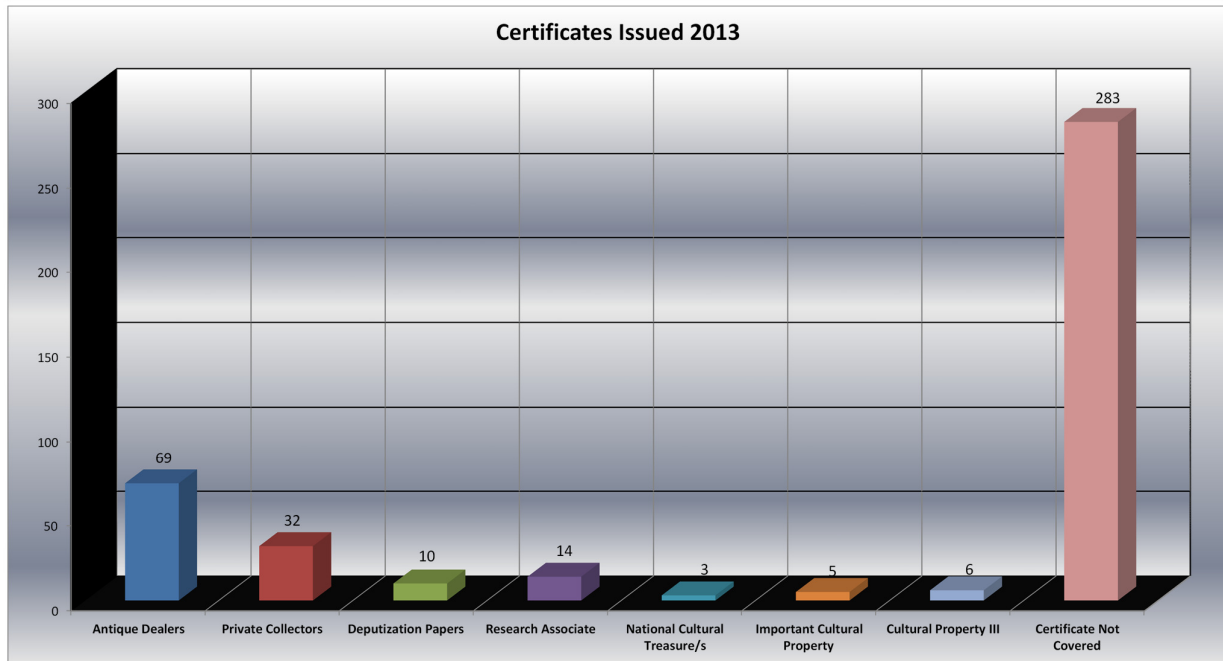
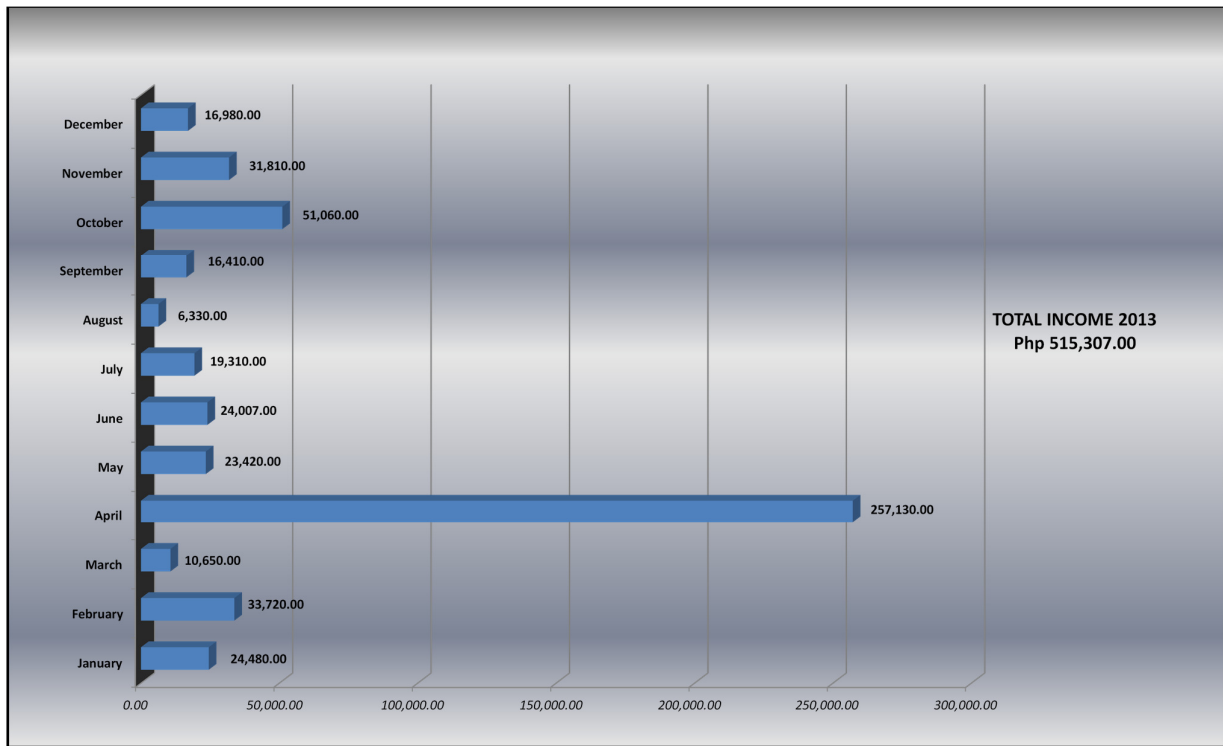
IMPLEMENTATION OF R.A. 10066



ITEMS INSPECTED FOR EXPORT

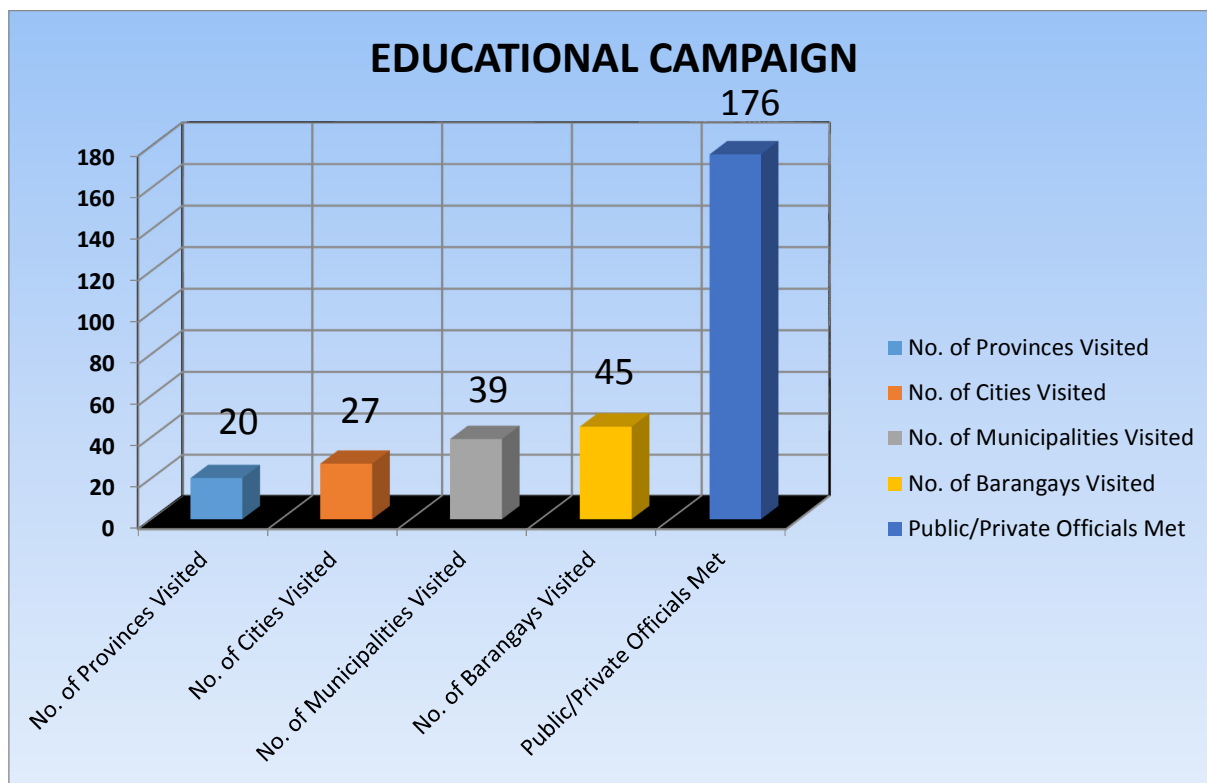






COMPARATIVE TABLE OF ACCOMPLISHMENT													
CULTURAL PROPERTIES DIVISION													
JANUARY TO DECEMBER 2013													
													Page 1
EDUCATIONAL CAMPAIGN	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
No. of Provinces Visited	-	-	-	1	-	-	2	1	3	4	8	1	20
No. of Cities Visited	-	-	-	1	-	-	1	8	5	4	7	1	27
No. of Municipalities Visited	-	-	-	1	-	-	1	2	2	10	22	1	39
No. of Barangays Visited	-	-	-	2	-	-	2	2	8	11	18	2	45
Public/Private Officials Met	-	-	-	5	-	-	30	6	49	42	37	7	176
REGISTRATION	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
Antique Dealers	14	-	2	21	23	2	19	-	-	1	-	21	103
Private Collectors	266	65	68	8	4	7	7	2	7	35	1	-	470
CERTIFICATES ISSUED	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
Antique Dealers	2	-	-	2	22	2	19	-	-	1	-	21	69
Private Collectors	2	2	15	2	1	2	4	1	1	1	1	-	32
Deputization Papers	1	1	-	-	-	-	8	-	-	-	-	-	10
Research Associate	1	-	1	2	2	-	2	1	3	1	1	-	14
National Cultural Treasure/s	-	-	1	-	-	-	-	-	-	-	2	-	3
Important Cultural Property	-	-	3	-	-	-	-	1	-	-	1	-	5
Cultural Property III	-	-	-	-	-	-	1	1	1	1	2	-	6
Certificate Not Covered	15	35	17	16	22	8	13	19	19	25	29	65	283
PERMITS ISSUED	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
Export	1	2	16	6	7	3	3	2	1	3	-	-	44
Excavate	-	-	-	-	1	-	-	-	-	-	-	-	1
Explore	-	1	1	1	-	-	-	-	-	-	1	-	4
Treasure Hunting	-	-	1	1	2	-	2	1	2	3	4	-	16
Transport	-	-	-	-	1	2	-	-	-	1	-	-	4

COMPARATIVE TABLE OF ACCOMPLISHMENT													
CULTURAL PROPERTIES DIVISION													
JANUARY TO DECEMBER 2013													
													Page 2
AUTHORIZATION ISSUED	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
Land Archaeology	-	-	-	1	1	1	1	-	1	-	-	-	5
Research Associate	2	3	2	1	-	-	7	-	-	-	2	-	17
Collection/Transport	1	4	7	4	6	3	6	-	3	2	6	6	48
Survey	-	-	-	-	-	-	-	-	-	-	-	-	0
Anthro Study	-	-	-	-	-	-	-	-	-	-	-	-	0
Japanese	-	-	-	-	-	-	-	-	-	-	-	-	0
American	1	-	-	-	-	-	-	-	-	-	-	-	1
ITEMS INSPECTED FOR EXPORT	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
Cultural Properties	6	106	129	141	7	17	26/7	38	12	2	-	-	458
Not Covered by P.D. 374	138	183	191	123	440	38	64	75	131	144	238	165	1930
DEALERS LICENSE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
	-	-	-	-	11	4	-	-	1	-	-	-	16
DECLARATION/INSTALLATION OF MARKERS FOR:	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
National Cultural Treasure	-	1	1	-	-	-	-	-	-	-	-	-	2
Important Cultural Property	-	-	3	-	-	-	-	1	-	-	-	-	4
FIELDWORK CONDUCTED	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
	-	6	7	5	6	3	11	3	6	6	9	5	67
MONTHLY INCOME	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
	24,480.00	33,720.00	10,650.00	257,130.00	23,420.00	24,007.00	19,310.00	6,330.00	16,410.00	51,060.00	31,810.00	16,980.00	515,307.00



Research Divisions

Anthropology Division

Technical Assistance

Exhibition and Collection Management

The Anthropology Division assisted in the following exhibitions in Manila and at the Butuan Branch:

1. *Hibla ng Lahing Filipino*, Museum of the Filipino People
Assisted in the dismantling of *Hibla ng Lahing Filipino* at the Queen Sofia Hall, National Art Gallery and its re-installation at the Museum of the Filipino People.
2. *Baybayin*, February 2013, Museum of the Filipino People
Prepared Palawan and Mindoro syllabic writing ethnographic collection. Provided texts and labels for the Anthropology (Palawan and Mindoro Groups) and Contemporary syllabic writing sections of the gallery.
3. Rice Exhibit, December 17, 2013, Tambunting Hall, Museum of the Filipino People
Prepared listing of objects, ethnographic collection and labels of Anthropology Division collection.
4. *Ambangan*(Ethnographic Gallery), December 12, 2013, Butuan National Museum
Prepared ethnographic collection, texts, photos and labels. Installed the selected collection at the ethnographic gallery.
5. Renovation and Re-organization of the Anthropology Storage Rooms, 5/F, Museum of the Filipino People

The renovation of the two (2) storage rooms of the Anthropology Division was finished on February 2013 and the collection was re-organized. New steel racks were purchased and the collections were arranged according to function and group.

No. of Ethnographic Collection Maintained	: 4,386
No. of Ethnographic Collection Photo-documented	: 1,959
No. of Ethnographic Collection Exhibited	: 324
No. of Slides, Negatives and Old Photos Digitized	: 1,442
No. of Ethnographic Collection Catalogue (by group)	: 4

6. Prepared Brochure for the Kabayan Museum
Protection and Documentation of Cultural Properties

Bohol Technical Assistance

Mr. Nicolas C. Cuadra, Senior Museum Researcher and Mr. Donato A. Zapata, Museum Technician I were involved in the retrieval and documentation of the religious materials and heritage churches damaged by the earthquake in Bohol.

1. Retrieval and documentation of religious materials in Loboc, Bohol (Nicolas C. Cuadra, Senior Museum Researcher, December 2013)
2. Assisted in the establishment of temporary facility and retrieval in Loon, Bohol (Donato A. Zapata, Museum Technician I, November 18 to December 03, 2013)
3. Assisted internal and external researchers: 50 researchers and students

7. Seminars/Workshops/Conferences/Lectures Conducted:

Marites P. Tauro

Resource Speaker

Updates on the Kabayan Mummies Research

February 13, 2013

CSS-CSC Complex, University of the Philippines, Baguio

Marites P. Tauro

Resource Speaker

Reviving the Legacy of the Butuan Boats: A Seminar-Workshop on Heritage Conservation

November 12 to 14, 2013, Butuan National Museum

Cyril A. Santos

Workshop Facilitator and Secretariat

Reviving the Legacy of the Butuan Boats: A Seminar-Workshop on Heritage Conservation

November 12 to 14, 2013, Butuan National Museum

Attended/Participated

Marites P. Tauro

Participant

Conference-Workshop on Science and Technology for the Arts 2013

Heritage and Preventive Conservation: Processes, Conditions and the Use of Traditional Knowledge

February 19 to 22, 2013, National Museum

Cyril A. Santos

Participant

Gender Sensitivity Training

February 19 to 21, 2013

Riverview Resort, Parian, Calamba, Laguna

Jewel D. Mercader, Gladys M. Mateo and Cyril A. Santos

Participants/Attendees

Understanding the Moro People and Philippines Claim on Sabah

March 12, 2013, University of the Philippines, Diliman

Jewel D. Mercader

Participant

Baybayin Lecture-Workshop

March 20, 2013, Reception Hall, National Art Gallery

Jewel D. Mercader and Gladys M. Mateo

Participants/Attendees

NMGAD Lecture on *Sexual Harassment Particularly Against Women*

March 13, 2013, Reception Hall, National Art Gallery

Marites P. Tauro

Participant

3rd TWG Meeting for Globally Important Agricultural Heritage System (GIAHS, DENR-PAWB)

May 16, 2013, Antipolo City

Jewel D. Mercader and Gladys M. Mateo

Participants/Attendees

Lecture on *Evolution and Biogeography of Birds and Butterflies in Southeast Asia*

By Dr. David Lohman, May 22, 2013, NM Board Room, National Art Gallery

Jewel D. Mercader, Gladys M. Mateo, Cyril A. Santos and Marites P. Tauro

Participants/Attendees

Lecture: *Conserving Asian Religious Heritage* By Mr. Ephraim "Eddie" Jose and Ms. Nicole Tse, May 23, 2013, Osmena Hall, National Art Gallery

Jewel D. Mercader and Cyril A. Santos

Participants/Attendees

Lecture: *Contours of Chamorro National Identity and Filipino Contributions*

By Robert Underwood, July 9, 2013, Museum Foundation Hall, National Art Gallery

Jewel D. Mercader, Cyril A. Santos and Marites P. Tauro

Participants/Attendees

Lecture on *Updates on the Excavations of the Old Kiyangan Village*

By Stephen Acabado, Ph.D. and 2013 University of Guam Ifugao Archaeological Field school

July 12, 2013, South Wing Gallery, 4/F, Museum of the Filipino People

Jewel D. Mercader and Gladys M. Mateo

Participants/Attendees

CPD in Action: Its Role in the Implementation of the National Cultural Heritage Act of 2009

By Ms. Raquel D.C. Flores October 9, 2013, Reception Hall, National Art Gallery

Gladys M. Mateo

Participant/Attendee

Ethno-Medicinal Plants in Baler By Dr. Wilfredo F. Vendivil

October 14, 2013, Reception Hall, National Art Gallery

Jewel D. Mercader

Participant/Attendee

Scientific Career System

October 16, 2013, National Art Gallery

Jewel D. Mercader and Gladys M. Mateo

Participants/Attendees

Managing Museums in Times of Disasters and the Changing Climate

By Ms. Fatima Gay Molina

October 23, 2013, Reception Hall, National Art Gallery

Jewel D. Mercader, Gladys M. Mateo, Cyril A. Santos and Marites P. Tauro

Participants

Baybayin Forum

December 16, 2013, Museum of the Filipino People

Research Papers/Articles/Reviews

Cyril A. Santos

Preliminary Technological Analysis of Pot Sherds from Sabtang, Batanes: Prospects for research on technological change in prehistoric Ivatan society

Draft Submitted, April 2013

Cyril A. Santos

Spirit Possession and Engkanto in the City: Power and Negotiating Self in Philippine Contemporary Society

Draft Submitted, October 2013

Jewel D. Mercader

Reviews on Nicole Revel's *Performance and Composition of Silungan Baltapa* and Alain Martenot's *Ethnographic Reading of the Epic*

Jewel D. Mercader

Paper on *Structuralism on Philippine Creational Mythology*

Archaeology Division

TERRESTRIAL AND UNDERWATER ARCHAEOLOGY FIELD ACTIVITIES

1. Bacong, Negros Oriental - Archaeological Investigation and Curation of Artifacts On its 4th phase, the Bacong Archaeological Project, continued its archaeological undertakings in the municipality of Bacong in Negros Oriental. The team conducted archaeological survey and exploration from 4 to 28 February around Brgy. Magsuhot and its vicinities in search for Metal Period habitation sites. Simultaneously done was the restoration and reconstruction of earthenware vessels and burial jars from the previous excavations. This field season was carried out in collaboration with the University of Illinois at Chicago. The archaeological investigation was basically conducted to generate preliminary information on settlement patterns that existed c. 2000 years ago in Bacong. Selection of areas for systematic survey and test excavations were based on the elevations (<200 m above sea level) and presence of archaeological materials. The archaeological survey around Magsuhot and vicinities yielded one site. A 1 x 1 meter test excavation in Brgy. Buntod beside Magsuhot revealed a possible habitation site based on the earthenware and tradeware ceramic sherds recovered. Restoration and reconstruction of earthenware vessels include sorting and identification of known parts of the vessels, piecing together of fragments, application of *castone* and

marine epoxy in the restoration, retouching of restorable areas, and securing of restored vessel and burial jars. To date, a total of 41 small pottery vessels, four burial jars, and one pottery coffin have been restored, described and measured. A database of pottery analysis has also been designed and maintained for storing archaeometric data of these artifacts.

2. Butuan - Archaeological Excavation of Balanghai Boats in Butuan Archaeological Site The NCCA-funded project 'Reviving the Legacy of Butuan Boats' resumed its archaeological undertakings on its third season in Brgy. Libertad, Butuan city from 11 November to 9 December. The team from the Archaeology continued the excavation of Butuan Boat nos. 4 and 9 to further expose the remaining wooden planks that were still buried underground and obtain additional archaeological data that may provide more information pertinent to the research. The excavation was extended to the west and south where the remaining boat planks may have been buried, recovering in the process several artifacts such as earthenware sherds and tradeware ceramic fragments, dating around the 11th to 12th century CE. The team also inspected another site where a boat was reported. A 2 x 2 meter test trench was opened to check any presence of the reported boat remains.

3. Butuan - Materials Analysis of Pre-Colonial Plank Boats from Butuan In 1 April to 1 July Museum Researcher Ligaya Lacsina conducted documentation and identification of wooden planks from the excavated Butuan boats as part of her doctoral research on Philippine Pre-colonial plank boats. The aim of the research project is to record and document the construction features of Philippine Pre-colonial planked watercraft by examining archaeological and archival sources and example of other Southeast Asian watercraft. Photodocumentation of wooden planks was done in Butuan regional branch and in Manila wherein she also took wooden samples to be identified in Forest Products Research and Development Institute in UP Los Baños. Preliminary results showed that the wooden materials used for the construction of plank boats in Butuan mostly belong to the Dipterocarpaceae family, except for one plank boat (Butuan Boat no. 5) in which each of its parts belonged to Anacardiaceae, Lauraceae, Verbenaceae, Sapindaceae, and Fabaceae/Papilionaceae families. More samples were further taken for radiometric dating.

4. Ilin Island, San Jose, Mindoro - Archaeological Excavation and Exploration The archaeological undertakings in Ilin Island around March-April, August, and October are part of the Mindoro Archaeological Research Program initiated by the UP-Archaeological Studies Program in collaboration with the University of Western Australia and supported by the National Museum of the Philippines. The project aimed to identify traces of early human colonization of the Philippine archipelago, understand the role of the environmental changes in the mobility of human populations and the human responses to these changes in Mindoro. The fieldwork for this year centered on the ongoing excavation of Bubog I and II rockshelter sites which started in 2011. The excavations were conducted on March-April and then on 24-31 August. Aside from the excavations, the team also surveyed other cave sites around Ilin Island that may hold archaeological potentials from 6 to 11 October. Nine caves have been explored in which three of those contained archaeological materials.

5. San Remigio, Cebu - Excavation of the Lapyahan Public Beach Archaeological Site The archaeological undertaking in Lapyahan Public Beach located in the municipality of San Remigio in northern Cebu is a follow-up investigation of the site that started in 2012. The excavations extended to demolished area in the site, which will be prepared for the construction of a proposed local museum. From 2 to 30 April, the excavation team led by Museum Researcher Ame Garong, DSc. opened six 2 x 2 meter trenches, which revealed archaeological materials dating from the Metal Period (c. 2500-1500 years ago) to probably the Historic Period (16th-19th century CE). The excavations uncovered a shell midden on the upper layer, which consist of marine shells, earthenware and tradeware ceramic sherds, metal and glass fragments, clay net sinkers, shell bracelet fragments, spindle whorls, beads, animal remains. Below the midden layer are eight primary burials (some with associated grave goods such as pottery vessels). Two of these showed signs of artificial cranial reformation. A jar burial made of two different pots has also been recovered, containing remains of an infant. The systematic investigations in the site revealed two distinct cultural layers that indicate the period of utilization of the area. The first use was as a burial space around the Metal Period

based on the burials recovered from the lower layer. The second time the site was used was around the Protohistoric to Historic Period (c. 500 CE to 19th century CE), this time as a habitation space based on the presence of tradeware ceramic sherds and glass fragments found within the shell midden layer above the burials.

6. Sibuyan Sea - Underwater Archaeological Exploration From 1 March to 31 May, a team from the Underwater Archaeology Section conducted an archaeological survey in collaboration with FEFNA in the reef areas southeast of Sibuyan Island. The team explored the reef sites through bathymetric scan and magnetometer survey to determine the depths of the area and possible anomalies that may be indicative of the presence of wreck sites. The team also dived in selected reef sites to further survey the area. Only one reef (Cresta de Gallo) however has confirmed presence of a possible wreck site in which the team has recovered tradeware and earthenware ceramic sherds. Having found the concentration of these materials, the Underwater Archaeology team recommended further investigation of the site.

PREHSEA (Managing Prehistoric Heritage in Southeast Asia) Project in Puerto Princesa and Quezon, Palawano

The PREHsea Action, a project spearheaded by the Muséum national d'histoire naturelle (MNHN) in partnership with the National Museum of the Philippines and Balai Pelestarian Situs Manusia Purba Sangiran (BPSMPS) of Indonesia, has launched a conference-workshop on cultural heritage management of the Tabon Cave Complex from 30 July to 16 August. The activity was attended by local and international archaeologists, museum workers, students and faculty, and participants from the government and private sector. The Action commenced with a 3-day conference on the PREHsea Project update, conservation and development of Lipuun Point, and the archaeological heritage management in the Philippines. The conference was organized by the Archaeology Division being the lead office of the National Museum. Another activity conducted by Archaeology Division researchers and technical staff was the archaeological assessment of the Tabon Cave, sorting and analyses of archaeological materials and restoration of important artifacts.

CURATORIAL AND RECORDS KEEPING

1. ARCHAEOLOGY RECORDS SECTION - Updates on the Progress of the Database Management System Project

The activities carried out by the Records Section chiefly focused on the computerization of the archaeological specimen inventory records (ASIR), photofiles, manuscripts, and field reports as these were frequently requested by researchers. For this year, the following were carried out:

1. An upgrade of the database application from version 2.2 to 3.5, for an improved user interface, better accessibility and advanced over-all functions.
2. Usage of a network system server (Records Database Switchboard), linking the five computers used within the Records Section in the database management allowing the monitoring and maintenance of the database application, enhancing the speed of accessing files, and facilitating simultaneous encoding of different archaeological records from different computers.
3. Linking of 18,985 pages of ASIR from Regions I to X (arranged according to the old administrative/geopolitical regional classification) or 60% of the total ASIR, together with 2,259 folders or records, to the database of Site List Display (and eventually to the Field Report Data Display) using a network linking system.
4. Cataloguing and indexing of archaeological field reports and its integration in the Field Report Data Display, which for this year contained 1,357 files or approximately 98.5% of the total field reports and which 85% of these were linked.
5. Cataloguing and indexing of research and other archaeologically-related manuscripts and its integration in the Manuscript Inventory Data Display, which as for this year has listed 1,506 files or 90% of the total manuscripts currently filed at the Records Section
6. Digitization (primarily involving scanning) in a database application and physical maintenance of documents.

7. Creation, management and maintenance of a database of Hizen porcelain found in the Philippines.

ZOOARCHAEOLOGY SECTION

For 2013, the Zooarchaeology Section has been continuing the maintenance of the faunal and human osteological specimens, as well as the consolidation and transfer of all the collections from their previous holdings to its permanent visual storage and laboratory room.

One of the activities conducted by the personnel of Zooarchaeology Section is dismantling and transfer of the animal bones (including the remains of the sperm whale) from the Bones Gallery in the third floor of the National Art Gallery. The maintenance of zooarchaeological and osteological collections (human remains, animal bones, fish bones and shells) generally involved cleaning, washing, sorting, identifying, re-inventory, recording, packing and repacking of the specimens. Researchers in this section identified more than a thousand shells, fish bones, animal bones and arranged it in crates and cabinets. Likewise, a permanent logbook was assigned to record all the collections in preparation for database and documentation.

COLLECTIONS HOLDINGS SECTION-Maintenance Work

The Collections Holdings Section (CHS) is assigned to maintain the archaeological collections of the Archaeology Division of the National Museum. This involved cleaning, washing, sorting, identification/classification, accessioning, re-inventory, recording, labeling, and bagging of collected specimens. The processed specimens were distributed into the different plastic crates for safe keeping purposes.

Some of the activities conducted by the CHS staff are as follows:

1. Coordinated the transfer and inventory of the collections
2. Transfer and arrange cabinets including the artifacts/specimens to the new archeology collections holdings rooms
3. Installation of additional shelves and metal racks in the new collections holdings rooms
4. Photodocumentation of archaeological collections, particularly ceramics
5. Technical assistance to visiting researchers and students who were conducting study on cultural heritage collections.

Maintenance	406, 973
Acquisition	16,938
Identification	20,946
Exhibition	9
Photodocumentation	2022
Graphic Illustration	4212
Casting	10

MUSEOLOGICAL AND TECHNICAL ASSISTANCE

1. Assisted students and researchers in their research activities at the Archaeology Records section and library.
2. Conducted guided tours to students and guests at the National Museum galleries
3. Supervised underwater archaeological research and administrative matters
4. Assisted Dr. Takenori Nogami and Dr. Kazuhiko Tanaka on Arita wares found in Intramuros Manila (San Luis and Maestranza sites)
5. Assisted the Asia Production Services Phils. Inc. in photodocumentation of Japanese ceramic sherds
6. Prepared the archaeological artifacts for loan at Musée du Quai Branly
7. Provided technical assistance to the students of the University of San Carlos
8. Conducted photo documentation of archaeological activities in different archaeological sites

9. Prepared graphics, maps, and scientific illustrations for archaeological projects (Butuan, Cebu, Negros Oriental and Cagayan)
10. Participated in the assessment, cleaning and recovery of the church ruins in Bohol affected by the earthquake (as part of National Museum Bohol Heritage Task Force).
11. Prepared artifacts for display at Baybayin Exhibit and Textile Exhibit at MFP
12. Prepared the Ayuntamiento jar collection for Intramuros Ayuntamiento exhibit
13. Assisted in the making of storyline/text for Butuan branch museum
14. Coordinated the casting and reproduction of archaeological artifacts
15. Assisted LGU officials in their inquiries regarding Archaeology and visits to museum galleries
16. Coordinated with foreign archaeologists on joint projects and programs on Philippine Prehistoric and Archaeology research
17. Assisted in the planning of PREHsea exhibition in Indonesia and seminar in Palawan, Philippines

LECTURES CONDUCTED AND PAPERS PRESENTED

Lectures:

1. "Maritime Excellence of the Philippines," delivered by **W. P. Ronquillo** to the Behavioural Science students of UP Manila. *24 April*.
2. "Interweaving Culture and History: A Lecture Series on Philippines and Asian Heritage," delivered by **Dr. E. Z. Dizon** at UP Manila. *23 January*.
3. "Tips on Underwater Archaeology," delivered by **Dr. E. Z. Dizon** to the Taiwan Underwater Archaeology Association in Taipei, Taiwan. *1 April*
4. "Metal Ages in the Philippines," delivered by **Dr. E. Z. Dizon** at UP Manila. *26 April*.
5. "Metal Ages in the Philippines," delivered by **Dr. E. Z. Dizon** to Erasmus Mundus students in UP Diliman, Quezon City. *10 May*
6. "Philippine Prehistory and Archaeology," delivered by **Dr. M. J. L. Bolunia** to the Museum Volunteers of the Philippines in National Museum, Manila. *9 October*
7. "Butuan as Maritime Trade Center," delivered by **Dr. M. J. L. Bolunia** to the Philippine National Historical Society. *25 October*.
8. "Diet Reconstruction Using Carbon, Nitrogen, and Oxygen Stable Isotopes for Filipino Human Remains," delivered by **Dr. A. M. Garong** in PREHsea Workshop on Heritage Management, Quezon, Palawan. *10 August*
9. "Bacong Archaeological Project," delivered by **N. T. Cuevas** in PREHsea Workshop on Heritage Management, Quezon, Palawan. *8 August*
10. "Philippine Archaeology," delivered by **M. G. P. Faylona** at Tanglaw University Center, Quezon City. *31 May*
11. "Varying Molluscan Species in Bubog Archaeological Sites in Ilin Island, Southwest Mindoro," delivered by **M. G. P. Faylona** in PREHsea Workshop on Heritage Management, Quezon, Palawan. *8 August*
12. "Peopling of Island Southeast Asia," delivered by **M. G. P. Faylona** to the Social Studies students of Philippine Normal University, Manila. *25 September*
13. "Cultural Heritage Preservation and National Cultural Treasures," delivered by **J. S. Garcia** to the Local Government Unit of Labo, Camarines Norte. *5 September*
14. "Korean Festivities," delivered by **T. J. Vitales** at the University of the Philippines-Archaeological Studies Program. *13 February*.
15. "Taal Lake Archaeology," delivered by **T. J. Vitales** at the Ecotourism Training for Mataasnakahoy and Balete Tour Guides in Pusod Taal Lake Conservation Center, Mataasnakahoy, Batangas. *18 April*
16. "Archaeology Workshop for Kids," delivered by **T. J. Vitales** at The Manila Collectible Co., Manila. *29 September*.
17. "Archaeological Heritage of the Philippines," delivered by **T. J. Vitales** to the Heritage Conservation Society Youth in The Manila Collectible Co., Manila. *1 August*.

18. "Surveying and Mapping," delivered by **J. Santiago** to the University of San Carlos students in Cebu. *3-5 April*
19. "The Restoration and Reconstruction of the Metal Age Potteries of Brgy. Magsuhot, Bacong, Negros Oriental," delivered by **J. Jacar** in PREHsea Workshop on Heritage Management, Quezon, Palawan. *8 August*.

Paper Presentations:

1. **W. P. Ronquillo** (delivered by **T. Vitales**), "Ang Cagayan at Palawan sa Pag-aaral ng Paleolitiko sa Kasyasyan ng Pilipinas," 11th BAKAS Seminar Workshop, Pila, Laguna. *3-6 April*
2. **Dr. E. Z. Dizon**, "Two Palaeolithic Sites in the Philippines with the Physical Evidence of *Homo* species," International Palaeolithic Symposium and its Surrounding Areas, National Museum of Prehistory, Taiwan. *28-31 March*.
3. **Dr. E. Z. Dizon** (delivered by **T. Vitales**), "Ang Panahong Bakal ng Pilipinas (mula 500 BK)," 11th BAKAS Seminar Workshop, Pila, Laguna. *3-6 April*
4. **Dr. E. Z. Dizon** and **S. C. Jagoon**, "Archaeological Research in Tabon Cave Complex," PREHsea Conference, Puerto Princesa City, Palawan. *30 July-1 August*
5. **Dr. M. J. L. Bolunia**, "Linking The Philippines and the World: Archaeology and Prehistory of the Philippine Islands," 22nd Manila Studies Association Conference, University of Santo Tomas, Manila. *27-29 August*.
6. **N. T. Cuevas**, A. Tiauzon, **M. G. P. Faylona**, and A. Castro, "The Lipuun Point Forthcoming Case Study," PREHsea Conference, Puerto Princesa City, Palawan. *30 July-1 August*
7. **M. G. P. Faylona**, "Varying Molluscan Species in Illin Island, Mindoro Occidental, Philippines," World Archaeological Congress 7, Dead Sea, Jordan. *14 January*.

STAFF DEVELOPMENT

Lectures/Conferences Attended

1. Peopling of the Philippines through Genetics/DNA by Dr. Federico Delfin at UP- ASP, 19 January. **T. J. Vitales**
2. Lecture on Peopling of the Philippines (Interweaving Culture and History) by Dr. Eusebio Dizon at UP Manila, 23 January. **Dr. A. M. Garong**.
Lecture on Gender and Development by Teresa De Guzman, 8 February. **Dr. M. J. L. Bolunia**
3. Lecture on Qualities of Good Candidates by Sen. Miriam Santiago, 12 February. **Dr. M. J. L. Bolunia**.
4. Scanning with a Mesoscope by Dr. Maricor Soriano and Dr. Jay Arre Toque, 12-15, 20-22 February. **Dr. M. J. L. Bolunia** and **S. C. Jagoon**
5. Public Sector Unionism by CIU at the National Museum, Manila, 13 February. **J. S. Garcia**.
6. Talk on Bacong Archaeology by Cecilia Smith in Fullbright office, Makati City, 19 March. **T. J. Vitales**.
7. Lecture on Baybayin at the National Museum, Manila, 20 March. **M. G. P. Faylona** and **J.S. Garcia**
8. International Palaeolithic Symposium and its Surrounding Areas at the National Museum of Prehistory in Taitung, Taiwan, 28-31 March. **Dr. E. Z. Dizon**
9. Philippine Prehistory and Maritime Archaeology (Maritime Excellence of the Philippines) by W. P. Ronquillo at UP Manila, 24 April. **Dr. M. J. L. Bolunia**.
10. Basic Orientation on Public Sector Unionism by CSC at the National Museum, Manila, 30 April. **Dr. M. J. L. Bolunia**, **A. Orogo**, **H. Bautista**, **A. Llave** and **J. S. Garcia**
11. Evolution and Biogeography of Birds and Butterflies in SEA by David Lohman of City College of New York, 22 May. **Dr. M. J. L. Bolunia**.
12. ICOM Conference on Museum Collections at De La Salle-College of St. Benilde, Manila, 25 May. **Dr. E. Z. Dizon**, **Dr. A. M. Garong**, **A. Llave**, and **J. S. Garcia**
13. Archaeological Research in Kiangan, Ifugao by Stephen Acabado and the team at the National Museum, Manila, 12 July. **J. S. Garcia**
14. Genetics and Genome by Dr. Michael Purugganan of New York University, 25 July. **Dr. M. J. L. Bolunia**
15. Opening Lecture on Message Stick: Indigenous Identity in Urban Australia at the Ayala Museum, 10 October. **L. Alba**

16. Cooperative Seminar by the Catholic Cooperative Association, 10-11 October. **A. Llave, H. Bautista and J. S. Garcia**
17. DOST Scientific Career Orientation by Academician Evelyn Tecson-Mendoza at the National Museum, Manila, 16 October. **Dr. M. J. L. Bolunia, Dr. A. M. Garong, A. Llave, H. Bautista, M.G. P. Faylona, and T. J. Vitales.**
18. Emergency Disaster Preparedness by Fatima Molina of DOST at the National Museum, Manila, 23 October. **Dr. M. J. L. Bolunia, S. C. B. Jagoon, A. B. Orogo, and J. G. Santiago**
19. Malate Archaeology by Victor Paz at the Malate church, 24 October. **T. J. Vitales**
20. Possible Homo Erectus in the Philippines by Dr. John de Vos at UP-ASP, 14 November. **T. J. Vitales**
21. Anthropometria: Mode and Science III by N. Takizawa of University Museum of University of Tokyo at the National Museum, Manila, 7 December. **Dr. M. J. L. Bolunia**
22. Textile Collections of the Southeast Asian Museum of Vietnam at the National Museum, Manila, 10 December. **J. S. Garcia**
23. Baybayin Conference at the National Museum, Manila, 16 December. **Dr. M. J. L. Bolunia, T. J. Vitales and M. G. P. Faylona**

Trainings Abroad

1. Training Workshop on The Technological Improvement for the Identification of Dates and Kiln Sites of Ceramic Sherds as Archaeological Artifacts for the Imari Wares/Hizen Porcelain held in Arita, Japan, 5-25 October. **N. T. Cuevas.**
2. International Capacity Building on Underwater Cultural Heritage held in Makassar, Indonesia, 7-13 October. **E. N. P. Bersamira**

V. PUBLICATIONS

1. **E. Z. Dizon.** "Archaeology and Funerary Rituals," in *Philippines: An Archipelago of Exchange*. Edited by A. G. de Beler, pp. 68-85. Paris: Musée du Quai Branly.
2. Bellwood, P. and **E. Dizon.** "Austronesian Cultural Origins: Out of Taiwan, via the Batanes Islands, and Onwards to Western Polynesia," in *Past Human Migrations in East Asia: Matching Archaeology, Linguistics and Genetics*. Edited by A. Sanchez-Mazas, R. Blench, M. D. Ross, I. Peiros and M. Lin, pp. 23-39. New York: Routledge.
3. Detroit, F., Corny, J., **Dizon, E. Z.**, and A. S. Mijares. "Small Size" in the Philippine Human Fossil Record: Is It Meaningful for a Better Understanding of the Evolutionary History of the Negritos? *Human Biology* 85(1):45-66.
4. **Dizon, E. Z.** (as contributor). "Tabon Cave," in *Encyclopedia of Human Evolution*. Edited by B. Wood, pp. 766-767. New Jersey: Wiley-Blackwell.
5. **Dizon, E. Z.** (as contributor). "IX. Documentation," in *Manual for Activities Directed at Underwater Cultural Heritage. Guidelines to the Annex of the UNESCO 2001 Convention*. Edited by T. Maarleveld, U. Guérin and B. Egger. Paris: UNESCO.
6. **Bolunia, M. J. L. A.** "Astilleros: The Spanish-Period Shipyards of Donsol, Pilar and Magallanes," in *Ancient Harbours in Southeast Asia: The Archaeology of Early Harbours and Evidence of Inter-Regional Trade*. Edited by J. N. Miksic and G. G. Yian. Bangkok: SEAMEO-SPAFA.
7. **Garong, A. M.** *Ancient Filipino Diet: Reconstructing Diet from Human Remains Excavated in the Philippines*. Cebu City: University of San Carlos Press.
8. **Garong, A. M.** "Archaeological Sites and Their Context," in *MANILA: Selected Papers of the 21st Annual Manila Studies Conference, Far Eastern University – July 18-19, 2012*
9. Bersales, J. E. R. and **A. Garong.** Preliminary Archaeological Undertakings in San Nepomuceno Parish Church Compound, San Remigio, Cebu. *Philippine Quarterly of Culture and Society* 38(4):322-345 [published under 2010 volume].
10. **Vitales, T.** "Beyond Subsistence: Cultural Usages and Significance of Baler Shells in Philippine Prehistory," in *Prehistoric Marine Resource Use in the Indo-Pacific Regions. Terra Australis* 39. Edited by R. Ono, A. Morrison and D. Addison, pp. 123-139. Canberra: The Australian National University Press.

11. **Vitales, T. J. R.** (as contributor) "Mula Pulilan Tungong Binwangan: Dalawang Lakbay-aral sa Rehiyon ng IBTL," in Tiongson, J. F. *Ang Saysay ng Inskripsyon sa Binatbat na Tanso ng Laguna*. Edited by M. C. V. Peñalosa and Z. A. Salazar. Quezon City and Pila: Bagong Kasaysayan, Inc. and Pila Historical Society Foundation, Inc.
12. Szabó, K., Yang, S. H-Y., **Vitales, T.** and B. Koppel. "Shell Midden from the Batanes Excavations," in *4000 Years of Migration and Cultural Exchange. Terra Australis 40*, pp. 215-234. Canberra: The Australian National University Press.
13. **Vitales, T. J.** Archaeological Research in the Laguna de Bay area, Philippines. *Hukay* 18:54-81
14. **Ramirez, H. B.** and K. Tanaka. Analysis of the Human Skeletal Remains of the Metal Age Burial in San Lorenzo III Shell Midden Site, Northern Luzon, Philippines. *Journal of Southeast Asian Archaeology* 33:45-50

Botany Division

Staff Development

In 2013, the Botany Division of the National Museum together with PAWB-DENR jointly conduct researches and develop strategies to fight the propagation of Invasive Alien Species (IAS). The National Museum is represented by botanists Dr. Edwin R. Tadiosa and Danilo N. Tandang of the Botany Division and they are members of the Teams Technical Working Group (TWG).

Also in this year the Botany Division together with the Zoology and Geology Division works hand-in-hand in conceptualizing ideas for public awareness in conserving our natural history for the soon to rise building that will be known as National Museum of the Natural History.

With the advent of the National Museum of the Natural History the Natural History Group of the Botany Division continues to expand their collections for their upcoming exhibits. Last August 2013 the Botany Team composed of Dr. Wilfredo F. Vendivil, Dr. Edwin R. Tadiosa, For. Danilo Tandang, and Mr. Albert B. Fajardo assisted by Mr. Raul T. Angeles Jr. explored the diverse island of Lipuun Point, Quezon, Palawan. And last December of the same year the Botany Team composed of Dr. Wilfredo F. Vendivil, Dr. Edwin R. Tadiosa, For. Danilo N. Tandang, and For. John Rey C. Callado assisted by Mr. Casimiro E. Yungca Jr. and Mr. Raul T. Angeles Jr. then explored the Dinagat Islands.

2013 had yet to end with The Anthropometria Exhibit and The Rice Diversity and Climate Change Exhibit headed by Dr. Luisito T. Evangelista assisted by the Botany Technicians Mr. Casimiro E. Yungca Jr. and Mr. Raul T. Angeles Jr. with Botany Artist-Illustrator Mr. Nemensio B. Diego Jr. that was both well attended.

COLLECTIONS MANAGEMENT

Acquired	5,476
Identified	6,498
Maintained	190,759
Illustrated	62

RESEARCH PROJECTS

ON-GOING RESEARCHES

1. Ethnomedicinal Plants of La Union
2. Ethnomedicinal Plants of Baler, Aurora
3. Flora (seed plants) of Batanes
4. Ethnobotany (Medicinal Plants) of Batanes
5. Ethnomedicinal Plants of Yogad in Palanan, Isabela
6. Mangrove & Beach Flora

7. Documentation of Philippine Traditional Knowledge and Practices In Health and the Development of Digital Library on Philippine Traditional Knowledge and Practices in Health
8. DNA Bar-coding of Philippine Medicinal Plants
9. Wild Taro study
10. Botanical Studies of Lipuun Point, Quezon, Palawan
11. Pollen Flora of the Philippines
12. Epiphytic Diatoms of Catanduanes (NM/UPLB/CNU)
13. Economically Important Seaweeds of Baler
14. Marine Benthic Algae of Aurora Province
15. Analysis of data with regards to species per collecting stations.
16. Analysis of data with regards to important species per collected in Aurora.
17. Survey of Fungal Flora at Mt. Arayat National Park, Arayat, Pampanga
18. A Field Guide to Common Macrofungi at the National Parks and Protected Landscape in Southern Tagalog Region
19. Survey of Fungal Flora at Lobo Philippine Teak Natural Stand and Taal
20. Common Edible and Poisonous Mushroom in the Philippines
21. Ganodermataceae of the Philippines
22. Balanophoraceae of the Philippines
23. Rhizophoraceae of the Philippines
24. Peatland Flora of Caimpugan
25. Survey of Fungal Flora at Lipuun Point Reservation, Quezon, Palawan
26. Survey of Fungal Flora at Batanes Protected Landscape
27. Survey of Fungal Flora at Initao-Buenavista Protected Landscape,
28. Mt. Musuan and Malagos Watershed
29. Survey of Fungal Flora at Dinagat Island Province, Mindanao
30. Endangered & Rare Plants of the Philippines
31. Endangered and Native Plants of the Philippines
32. Flora of Batanes
33. Floristic Composition of Batanes
34. A Pictorial Handbook of the Peatland Flora of Caimpugan SFADS
35. Peatland Flora of Caimpugan, Agusan del Sur
36. A Pictorial Handbook of the Peatswamp, Flora of Caimpugan, Agusan del Sur, Philippines
37. Ethnobotanical Study of Wild Taro
38. Study on Philippine Pteridophytes
39. Moss flora of the Philippines

PUBLICATIONS

Dr. L.T. Evangelista

1. Evangelista, L.T., Fernandez, E.M., Ocampo, C.A., and A.M. Pastor, 2013
Practical Science: Concepts and skills. United Eferza Academic Publications Co., Bagoong Pook, Lipa City, Batangas 4217
2. Celandina, D., Buot, I., Madulid, D., Evangelista, L., and D. Tandang, 2012
Leaf Architecture of Selected Philippine *Cinnamomum* Schaeef (Lauraceae) species. Thailand Natural History Museum journal. Volume 6, Number 2.

Dr. E.R. Tadosa

1. Anna E. Case, Sara M. Ashiglar, Phil G. Cannon, Ernesto P. Militante, Edwin R. Tadosa, Mutya Quintos-Manalo, Nelson M. Pampolina, John W. Hanna, Fred E. Brooks, Amy L. Ross-Davis, Mee Sook Kim, and Ned B. Klopfenstein. 2013. *DNA-Based Approaches*

- to Identify Forest Fungi in Pacific Islands: A Pilot Study. Proceedings of the 60th Annual Western International Forest Disease work Conference. Tahoe, California, U.S.A.*
2. Fungal of Taal Volcano Protected Landscape, Southern Luzon, Philippines
Asian Journal of Biodiversity (ISI Journal), Vol.4 ISSN 2094-1519
 3. Fungal Associated with Decay of some Philippine Dipterocarps
and Its Ecological functions and Significance at Mt. Makiling, Laguna, Philippines
IAMURE International Journal of Ecology and Conservation
Vol.3 ISSN 2244-1573

JR.C. Callado

1. *Begonia tandangii* Begoniaceae, section Baryandra, A New Species from Luzon Island, the Philippines: K. Nakamura, R.R. Rubite, Y. Kono, JR.C. Callado

Attendance to Conferences/Seminars:

Edwin R. Tadosa & Danilo N. Tandang

1. IAS-TWG Workshop, January 10 – 11, 2013, Subic, Zambales
2. Live-in Seminar on GAD, February 19 – 21, 2013, Calamba, Laguna

Noe B. Gapas

1. National Research Council of the Philippines 80th General Assembly, March 13, 2013
Polkabal-Rigodon Hall, Manila Hotel

Edwin R. Tadosa

1. Mycological Society of the Philippines Annual Scientific Meeting and Conference, April 9, 2013
Rizal Technological University
2. Philippine Phycological Society Seminar, April 16, 2013 Iloilo City
3. Seminar/Workshop on “Biodiversity and Invasive Alien Species
Inventory and Monitoring Methods”, May 2 – 3, 2013, Tagaytay City
4. Consultation/Workshop for Invasive Alien Species - DENR-PAWB, July 18 – 19, 2013
Tagaytay City
5. National Biodiversity Strategy and Action Plan Workshop, November 21 – 22, 2013
Traders Hotel, Pasay City

Edwin R. Tadosa

Luisito T. Evangelista

1. Wildlife Conservation Society of the Philippines Conference, April 16 – 19, 2013
Farmer’s Training Hall, Central Mindanao University

Wilfredo F. Vendivil & Danilo N. Tandang

1. Philippine Plant Conservation Committee Workshop, May 7, 2013
Tagaytay City

Danilo N. Tandang

1. ASPB Seminar. May 22, 2013, Baguio City

Luisito T. Evangelista & John Rey C. Callado

1. ASEAN-Project Management Meeting (Peatland), July 9 – 11, 2013
Butuan City & San Francisco, Agusan del Sur

Edwin R. Tadosa

Wilfredo F. Vendivil & Albert B. Fajardo

1. Workshop on Threatened Plants of the Philippines - PAWB-DENR, July 28 – 31, 2013
Subic, Zambales

Wilfredo F. Vendivil

1. PRESHEA Conference. July 29, 2013 – August 9, 2013 Quezon, Palawan

Luisito T. Evangelista

1. NISSAP Mindanao Workshop. September 16 – 18, 2013, Cagayan de Oro City

Edwin R. Tadosa & Danilo N. Tandang

1. IAS-TWG Workshop. October 29 – 31, 2013
Tagaytay City

Edwin R. Tadosa & Danilo N. Tandang

1. Philippine Native Plants Conservation Society's 2nd International Conference
Pampanga Agricultural College, November 15 – 16, 2013

Albert B. Fajardo

1. Government Procurement Workshop. December 11 – 14, 2013
Bayview Park Hotel, Manila

Trainings:

Noe B. Gapas & John Rey C. Callado

1. Training on Scanning, February 13 – 14, 2013, National Museum

Exhibitions:

1. Rice Diversity and Climate Change Exhibit
2. Anthropometria Exhibit

Lectures Conducted

WILFREDO F. VENDIVIL

1. Lecture on PNH Operation and Different Studies on Family *Lauraceae*, March 2013
- Dr. Emelia Mandia, De La Salle University
2. Lecture/Orientation: PNU & De La Salle OJT students, April 3, 2013
3. Lecture on *Medinilla*, April 5, 2013
- Mr. Antonio L. Rayos, UPLB
4. Lecture on PNH operations, April 29, 2013
- Dr. SK Ganesan, Deputy Director, Singapore Botanic Garden
5. Lecture on PNH operations and orientation for activities of OJT's, May 14, 2013
6. Snap lecture on endemic plants from Palawan: *Amorphophallus* and *Mussaendra* spp.,
- Ms. Rhea C. Garcellano, UST Graduate School, June 6, 2013
7. Lecture on Herbarium Techniques, June 11, 2013
- thirty (30) students from De La Salle University, Manila
8. Snap lecture on *Bauhinia* and *Phanera* spp., June 18, 2013
- Jin Ju Kim – De La Salle University, Manila
9. Lecture on *Ficus* spp., July 11, 2013
- Taguig Science High School
10. Lecture: Botanical Documentations, September 18, 2013
- PNH-NM, sixteen (16) persons from Cavite State University
11. Ethnomedicinal Plants Lecture, October 14, 2013
- NM 112th Anniversary Celebration
12. Snap lecture of PNH, November 28, 2013

- Dr. Edwino S. Fernando, Curator-Forestry Herbarium, UP-LB

LUISITO T. EVANGELISTA

1. Lecture: Pollen Flora of Lipuun, August 7, 2013
2. Lecture: Japan Foundation Manila, September 30, 2013
3. Lecture: Pacifico, October 30, 2013

NOE B. GAPAS

1. Lecture on how to collect and preserve algal specimens, February 2013
- Cavite National High School – ten (10) students
2. Lecture on how to collect freshwater samples for Limnological studies, February 2013
- 3rd year students of Adamson University
3. Lecture on how to collect and preserve herbarium specimens, March 2013
- University of Santo Tomas – five (5) students
4. Lecture on Bio-seminars Polytechnic University of the Philippines, March 12, 2013
- Topic: Inner Space Speciation – sixty seven (67) students
5. Lecture on how to collect and preserve herbarium specimens, April 2013
- Bulacan State University – ten (10) students
6. Lecture on how to collect preserve, count and analyze water samples using SR Counting Chamber, April 2013
- Philippine Normal University – sixteen (16) students
7. Lecture on how to collect and preserve Algal specimens, May 2013
- De La Salle University & Polytechnic University of the Philippines
- twenty one (21) students
8. Lecture on how to collect preserve, count and analyze water samples using SR Counting Chamber, May 2013
- Technological University of the Philippines & eighteen (18) OJT students
9. Lecture on how to collect and preserve Algal specimens, June 2013
- Manila Central University - eight (8) students
10. Lecture on how to collect preserve, count and analyze water samples using SR Counting Chamber, June 2013
- Technological University of the Philippines - ten (10) students
11. Lecture on how to collect and preserve Algal specimens, July 2013
- Technological University of the Philippines - four (4) students
12. Lecture on how to collect preserve, count and analyze water samples using SR Counting Chamber, July 2013
- Technological University of the Philippines - four (4) students
13. Lecture on how to collect specimens for research and for herbarium, July 2013
- Polytechnic University of the Philippines - six (6) students
14. Lecture on How to Use the Sedgewick Rafter Counting Chamber (SR), August 2013
- Polytechnic University of the Philippines – five (5) students
15. Lecture on How to Use the Sedgewick Rafter Counting Chamber (SR), September 2013
- nineteen (19) students from different schools/universities
16. Lecture on How to collect water samples for water analysis and biomass study with the use of Sedgewick Rafter Counting Chamber (SR), October 14, 2013
- Technological University of the Philippines – nine (9) students
17. Lecture on Algal Collection and Herbarium Curation, October 14, 2013
- University of Eastern Philippines, Catarman, Samar – nine (9) graduate students
18. Lecture on how to collect water samples for water analysis and biomass study with the use of Sedgewick Rafter Counting Chamber (SR), November 22, 2013
- five (5) PUP students and six (6) TUP students
19. Lecture on Algal Collection and Herbarium Curation, November 22, 2013

- De La Salle University-Dasma – eight (8) students
- 20. Lecture on Algal Collection and Herbarium Curation, December 12, 2013
- Far Eastern University – six (6) students

EDWIN R. TADIOSA

1. Lecture on Fungal Herbarium Collection and Management – PNH, May 22, 2013
 - De La Salle University, Bulacan State University and Polytechnic University of the Philippines - thirty (30) students
2. Lecture on USDA Forest Service, Forest Pathology and Mycology, September 11, 2013
Research College of Forestry and Natural Resources – UPLB
3. **Lecture on the Updates of the Photodocumentation of Plants that grow at the Peatswamp Forest, PAWB Conference Room, October 2, 2013**

JOHN REY C. CALADO

1. “Pteridophytes of the Philippines”, April 29, 2013
 - six (6) students from BULSU and thirteen students from PNU
2. “Pteridophytes of the Philippines”, June 2013
 - thirty (30) students from De La Salle University and
3. Lecture – “Pteridophytes of the Philippines”, August 2013
 - seven (7) students of Far Eastern University

Other Museological and Technical Service

	Foreign	Local
Wilfredo F. Vendivil		1,570
Luisito T. Evangelista		83
Noe B. Gapas		915
Edwin R. Tadosa		60
Danilo N. Tandang		42
John Rey C. Callado		223
Albert B. Fajardo		675
Casimiro E. Yungca Jr.		136
Raul T. Angeles Jr.		217
Nemensio B. Diego Jr.		31
TOTAL	-	3,952

Geology Division

1. Geological history and Evolution of Batanes Islands

This research project is a collaborative undertaking between the Batanes Historical Foundation Inc., the Batanes Congressional Office and the National Museum. The purpose of the research is to gather geological data to establish the geological history of the province. The result will be used as additional information that may be included in the dossier for the province's bid for inclusion in the UNESCO Heritage List.

This year's activities include identification of rocks and fossils collected in the field, analysis of samples and report writing. So far, the geologic evolution/history of Sabtang Island has been established.

About **262** fossils and rock samples were identified and analyzed.

2. Preparation of Rocks, Minerals And Fossils Specimens for the National Museum of Natural History (NMNH) Exhibition

This project aims to inventory and prepare a list of geological specimens required to set the Natural History Exhibit at the former DOT Building. The preparation also includes lists of specimens to be acquired in the field and to be loaned.

So far, more than five hundred specimens of rocks, minerals and fossils were measured, cleaned and documented while more than four hundred specimens were acquired through field collections.

I. RESEARCHES/PROJECTS

1. Evolution of Batanes Group of Islands, Batanes Province

Activities:

- Identification of collected specimens
- Analysis of specimens
- Preparation of maps and other figures
- Report writing

Status: Research study on the Island of Sabtang is complete.

Collection: 262 rock and fossil specimens were collected

2. Fossil Collection Building (Diversity of Past Life Project)

This project aims to establish an inventory of past plant and animal life in the Philippines.

Fieldwork was conducted in the months of April, June and December in Quezon, La Union, Benguet, Tarlac, Bulacan and Dinagat Provinces.

Objective: This project's objectives is to collect as many fossil specimens and; to identify and determine the possible age as well as the type of environment where they were deposited.

Field activities: Collection of specimen, plotting of collection sites on the map and analyses of environment of depositions.

3. Analysis of Pebble- Sized Sediments from Rizal Cagayan

The project aims to analyze the composition of pebbles/cobbles used in the construction of San Raymundo de Penaforte church in Rizal Cagayan. Analyses include size measurements, degrees of flatness, identification of rocks as well as the provenance.

Laboratory activities: identification of specimens, size measurement, shape analysis

Status: Identification and documentation is on-going.

4. Tuklas Kalikasan Seminar/ Workshop Project

This project aims to disseminate the Museum's knowledge and expertise in the area of natural history by providing experiential learning in an outdoor environment, thereby encouraging better appreciation of nature, natural heritage conservation and awareness of cultural heritage. The workshop includes lectures, demonstrations, field observations and heritage tour.

Thirty Four **(34)** Participants joined the workshop

EXHIBITION

1. NMNH Exhibits

- Prepared list of Rocks, Mineral and Fossil Specimens for exhibit
- Collection of additional specimens in the field
- Measured specimens requirements for exhibit
- Prepared list of specimens to be collected in the field

2. Setting and Presentation of Traveling Suitcase Galleries

Presented at Roosevelt College Marikina

About 342 viewers attended the presentation

ACQUISITION

5. Field Collection: 422 fossil, rock and mineral specimens

COLLECTION MANAGEMENT

- | | |
|---------------------------------|---|
| 1. Specimen Identified | 422 specimens |
| 2. Specimens Documented | 227 specimens |
| 3. Specimens Accessioned | 422 specimens |
| 4. Specimens Inventoried | 3,387 rocks, minerals and fossils specimens |
| 5. Specimens Databased/ Encoded | 262 rocks, minerals and fossils |
| 6. Specimens Catalogued | 60 specimens |

PRESERVATION AND CONSERVATION

1. Maintenance of specimen 38, 57 6 rocks, minerals and fossils specimens

PUBLISHED ARTICLES

Abigael Castro

1. Giant Wanderers
Philippine Daily Inquirer, June 25, 2013

Maileen P. Rondal

2. Wood turn into Stone
Philippine Daily Inquirer, August 13, 2013

Benjamin Naungayan, Jr

3. Yellow Rock
Philippine Daily Inquirer October 11, 2013

Elena Gornal

4. Indicators of Oil Deposits
Philippine Daily Inquirer- August 20, 2013

Roberto de Ocampo

5, Nautilus Fossil

Philippine daily Inquirer –November, 2013

Manuscript drafted for publication

1. Geology and Evolution of Sabtang Island, Batanes- R de Ocampo, P.A.Ong and B. Naungayan, Jr.
2. Ammonites from Catanduanes.- R. De Ocampo & P. A. Ong
3. Morphology of Tektites from Cabalwan Anticline, Cagayan Valley- R. De Ocampo and E. Gornal
4. Analysis of Pebbles Used in the Construction of San Raymundo de Penaforte Church, Rizal, Cagayan Valley- R. De Ocampo and B. Naungayan, Jr.

Fieldwork Conducted

Date: March 11-20, 2013

Place: Pagbilao, Atimonan and Tayabas Quezon

Purpose: To conduct geological Survey for Tuklas Kalikasan Project.

Personnel; Priscila A. Ong and Edward David L. Francia

Date: April 10-13, 2013

Place: Tayabas Quezon

Purpose: To conduct Seminar /Workshop on Tuklas Kalikasan

Personnel: Roberto Sp. De Ocampo, Priscila A. Ong, Elena Gornal and Imelda Jestre.

Date: April 30-May 1, 2013

Place: Bolinao, Pangasinan

Purpose: Turnover of geological specimens exhibited at Bolinao Branch Museum

Date: June 17-22, 2013

Place: La Union, Benguet, Tarlac and Bulacan

Purpose: To Collect specimens for NMNH

Personnel: Priscila A. Ong, Elena Gornal and Paulo Omana

Date: August 2-11, 2013

Place: Quezon, Palawan

Purpose: to Assist in Archaeological Project.

Personnel: Abigael Castro

Date: Nov.16-22, 2013

Place: Solana, Cagayan

Purpose: To assist in the conduct of Archaeological study.

Personnel: Abigael Castro

Date: December 8-18, 2013

Place: Negros Occidental

Purpose: Study of fossil sites and collection of specimens

Personnel: Priscila A. Ong Elena Gornal and Paulo Omana

Date: December 11-18, 2013

Place: Dinagat Province

Purpose: Collection of Specimens for NMNH Exhibition and for reference collection

Personnel: Maileen P. Rondal, Benjamin Naungayan, Jr. and Edward David Francia

Technical Assistance

1. Setting-up and Presentation of the geological Traveling Exhibition.
2. Identification of geological specimens requested by different Schools and institutions.
3. Analysis/ identification of Soil Samples requested by Students and Researchers.
4. Assist in the Activities of the National Committee on Geological Sciences (NCGS)

Lectures Delivered

Title : Geomorphology Of Quezon Province

Venue : Tuklas Kalikasan Workshop/Seminar- Tayabas Quezon

Delivered by: Pricila A. Ong

Date : April 10- 13, 2013

Title: Late Miocene to Early Pliocene Echinoid Fossil Assemblage of the Calatagan Formation and Short Note on the Occurrence of Nautilus Pompilius fossil found in Matabungkay, Lian, Batangas

Venue: 12th National Symposium on Marine Science- UP Tacloban City

Delivered by: Abigael Castro

Date: October 24-29, 2013

Title: Mapping and Managing the Geological Heritage of Butuan

Venue: Reviving the Legacy of the Butuan Boats: A Seminar-Workshop on Heritage Conservation,

Delivered by: Maileen P. Rondal Date: October 11-13, 2013

Personnel Development

Attendance/Participation

Feb. 12-15, 2013: Scanning Activity Conference/ Training

Venue: NAG, National Museum

Participants: Elena Gornal, Paulo Omana and Edward David Francia

Feb 19-22, 2013: Training Workshop on Digital Archiving, Preventive Conservation and Technique for Examining Heritage Objects START Conference Workshop.

Venue : NAG, National Museum

Participants : Elena Gornal, Paulo Omana and Edward David Francia

March 13, 2013: Lecture on Sexual Harassment

Venue: National Museum

Participants: Elena Gornal

May 21, 2013: Building a Digital Engagement Strategy

Venue : National Museum

Participant : Abigael Castro

June 19, 2013 : Presenting Science to a Non-Science Audience

Venue : National Museum

Participant : Maileen P. Rondal

July 30-Aug. 1, 2013: PREHSEA Conference: Managing Prehistoric Heritage in Southeast Asia.

Venue : Puerto Prinsesa, Palawan

Participants: Abigael Castro

Aug 27-30, 2013 : Exhibition Development Workshop

Venue : National Museum

Participant : Priscila A. Ong and Maileen P. Rondal

September 15-21, 2013: Poster Presentation at 14th International Nannoplankton Association Meeting.

Venue : Virginia, USA

Participants : Abigael Castro

October 9, 2013 : CPD in Action: It's role in the Implementation of the National Cultural Heritage Act of 2009

Venue : NAG, National Museum

Participants : Maileen P. Rondal

October 14, 2013 : Ethno- Medicinal Plants in Baler

Venue : NAG, National Museum

Participants : Maileen P. Rondal, Elena Gornal and Ebigael Castro

Oct 10-11, 2013 : Basic Course on Cooperative

Venue : NAG, National Museum

Participants : Priscila A. Ong, Elena Gornal, and Paulo Omana

October 23, 2013 : Managing Museums in Times of Disasters and the Changing Climate

Venue : NAG, National Museum

Participants : Maileen P. Rondal and Elena Gornal

School/ Institution served

T. Paez High School, Sta Lucia High School, SSCR, Century Pacific Group, Philippine Normal University (PNU), Bureau of Fisheries and Aquatic Resources (BFAR), University of the Philippines, Museong Tanauan, San Juan De Letran, University of the East, Central Colleges of the Philippines, QCPU, Pamantasan ng Lungsod ng Maynila, NES, P. Gomez Elementary School and LGUs- Sta. Barbara Iloilo

Zoology Division

Curatorial Activities

Number of identified specimens	9,300
Number of maintained specimens	111,364
Number of illustrated specimens	35
Number of collected specimens	5,487
Number of donated specimens	357

Highlights

1. Maiden Issue of National Museum of the Philippines Journal of Natural History featuring mammals of the Philippines
2. Two New species of freshwater crabs from Lubang Island and Mount Baloy, Antique
3. Swimming Ant
4. Newly described species for Luzon, the Sierra Madre Ground-Warble
5. Inauguration of Biodiversity and Climate Change Exhibit

Researches

Number of manuscripts	18
Number of publications	
Scientific articles	13
Popular articles	11
Number of Research Projects	
National Museum Projects	26 Researches under 3 Major Projects
Collaborative Projects	9 Researches under 1 Collaborative Project
Number of Fieldworks/Research Surveys Conducted	31

Extension Services

Specimen Identification/Verification Services	
- Number of specimens identified/verified	6,177
- Number of clients served	981
Thesis Advising/Consulting	15
Facilitating Specimen Loans	3
Interviews/Queries	15
Zoological Reference Collection Viewing/Access	981
Specimen Catalog Number Requests	6
Lectures/Demos/Workshops	29
Philippine Universities and Institutions Served	62
Foreign Universities and Institutions Served	11
Number of Collaborations/Established Linkages	15
Number of Exhibitions planned and opened for public viewing	2

RESEARCH PROJECTS

1. Taxonomic and Biodiversity Study of Marine and Terrestrial Fauna of Batanes [Batanes Integrated Natural History Research Initiative (BINHI) Project]
 - Polychaetes Virgilio S. Palpal-latoc
 - Mollusks Vivian D. Ang
 - Decapod and Stomatopod Crustaceans Marivene M. Santos
 - Echinoderms Zenaida D. Salazar
 - Fishes Don T. Dumale
 - Insects and Allies Perry Archival C. Buenavente
 - Reptiles and Amphibians Arvin C. Diesmos

- Birds Rolly C. Urriza
- Mammals Maria Josefa S. Veluz

2. Taxonomic and Biodiversity Study of Marine Fauna of Cagayan Province [National Museum – Zoology Division Project]

- Sponges Joseph Elliz B. Comendador
- Polychaetes Virgilio S. Palpal-latoc
- Mollusks Vivian D. Ang
- Decapod and Stomatopod Crustaceans Marivene M. Santos
- Echinoderms Zenaida D. Salazar
- Fishes Don T. Dumale

3. Taxonomic and Biodiversity Study of Marine and Terrestrial Fauna of Lipuun Point and Tabon Cave Complex, Quezon, Palawan [National Museum Project]

- Sponges Joseph Elliz B. Comendador
- Polychaetes Virgilio S. Palpal-latoc
- Mollusks Vivian D. Ang
- Decapod and Stomatopod Crustaceans Marivene M. Santos
- Echinoderms Zenaida D. Salazar
- Fishes Don T. Dumale
- Insects and Allies Perry Archival C. Buenavente
- Reptiles and Amphibians Arvin C. Diesmos
- Birds Rolly C. Urriza
- Mammals Maria Josefa S. Veluz

4. Taxonomic and Biodiversity Study of Marine and Terrestrial Fauna of Dinagat Island [National Museum Project]

- Sponges Joseph Elliz B. Comendador
- Polychaetes Virgilio S. Palpal-latoc
- Mollusks Vivian D. Ang
- Decapod and Stomatopod Crustaceans Marivene M. Santos
- Echinoderms Zenaida D. Salazar
- Fishes Don T. Dumale
- Insects and Allies Perry Archival C. Buenavente
- Reptiles and Amphibians Arvin C. Diesmos
- Birds Rolly C. Urriza
- Mammals Maria Josefa S. Veluz

Publications

Scientific Articles

1. Manuel-Santos, M. and P. K. L. Ng. 2013. Two new species of Ovitamon Ng & Takeda, 1992 (Crustacea: Brachyura: Potamidae) from the Philippines. *Zootaxa* 3619 (3) : 394-400.
2. Heaney, L., D. S. Balete, R. G. B. Rosell Ambal, M. J. Veluz, and E. A. Rickart. 2013. The small mammals of Mt. Banahaw – San Cristobal National park, Luzon, Philippines: elevational distribution and ecology of a highly endemic fauna. *National Museum of the Philippines Journal of Natural History*. Vol. 1 (December 2013): 45-60.
3. Brown, R. M., C. D. Siler, C. H. Oliveros, J. A. Esselstyn, A. C. Diesmos, P. A. Hosner, C. W. Linkem, A. J. Barley, J. R. Oaks, M. B. Sanguila, L. J. Welton, D. C. Blackburn, R. G. Moyle, A. Townsend Peterson, and A. C. Alcala. 2013. Evolutionary processes of diversification in a model island archipelago. *Annual Review of Ecology, Evolution, and Systematics* 44:411–435.

4. Scheffers, B. R., B. L. Phillips, W. F. Laurance, N. S. Sodhi, A. Diesmos and S. E. Williams. 2013. Increasing arboreality with altitude: a novel biogeographic dimension. *Proceedings of the Royal Society B* 280(1770): 20131581. <http://dx.doi.org/10.1098/rspb.2013.1581>.
5. Barley, A.J., J. White, A.C. Diesmos, and R.M. Brown. 2013. The Challenge of Species Delimitation at the Extremes: Diversification without morphological change in Philippine sun skinks. *Evolution*. Doi:10.5061/dryad.07g0
6. Blackburn, D., C.D. Siler, A.C. Diesmos, J.A. McGuire, D.C. Canatella, and R.M. Brown. 2013. An adaptive radiation of frogs in a Southeast Asian island archipelago. *Evolution*. Doi:10.5061/dryad.dj342
7. Sheffers, B.R., R.M. Brunner, S.D. Ramirez, L.P. Shoo, A.C. Diesmos, and S. E. Williams. 2013. Thermal buffering of microhabitats is a critical factor mediating warming vulnerability of frogs in the Philippine biodiversity hotspot. *Biotropica*. 45(5):628–635.
8. Welton, L.J., C.D. Siler, J.R. Oaks, A.C. Diesmos and R.M. Brown. 2013. Multilocus phylogeny and Bayesian estimates of species boundaries reveal hidden evolutionary relationships and cryptic diversity in Southeast Asian monitor lizards. *Molecular Ecology* 22(13):3495–3510
9. Brown, R. M., C. D. Siler, C. H. Oliveros, L. J. Welton, A. Rock, J. Swab, M. van Weerd, J. van Beijnen, E. Jose, D. Rodriguez, E. Jose, and A. C. Diesmos. 2013. The amphibians and reptiles of Luzon Island, Philippines, VIII: the herpetofauna of Cagayan and Isabela Provinces, northern Sierra Madre Mountain Range. *ZooKeys* 266:1–120. doi:10.3897/zookeys.266.3982.
10. Welton, L. J., C. D. Siler, C. W. Linkem, A. C. Diesmos, M. L. Diesmos, E. Sy, and R. M. Brown. 2013. Dragons in our midst: Phyloforensics of illegally traded Southeast Asian monitor lizards. *Biological Conservation* 159:7–15.
11. Hosner, P.A., N.C. Boggess, P. Alviola, L.A. Sanchez-Gonzalez, C.H. Oliveros, R.C. Urriza, and R.G. Moyle. 2013. Phylogeography of the Robsonius Ground-Warblers reveals an undescribed species from northeastern Luzon, Philippines. *The Condor* 115(3):630-639.
12. Urriza, R.C. 2013. Dusky Thrush *Turdus eunomus*: first record for the Philippines. *Birding ASIA* 20(2013) 115-116.
13. Böhm, M., B. Collen, J. E. M. Baillie, P. Bowles, J. Chanson, N. Cox, G. Hammerson, M. Hoffmann, S. R. Livingstone, M. Ram, A. G. J. Rhodin, S. N. Stuart, P. P. van Dijk, B. E. Young, L. E. Afuang, A. Aghasyan, A. García, C. Aguilar, R. Ajtic, F. Akarsu, L. R. V. Alencar, A. Allison, N. Ananjeva, S. Anderson, C. Andrén, D. Ariano-Sánchez, J. C. Arredondo, M. Auliya, C. C. Austin, A. Avci, P. J. Baker, A. F. Barreto-Lima, C. L. Barrio-Amorós, D. Basu, M. F. Bates, A. Batistella, A. Bauer, D. Bennett, W. Böhme, D. Broadley, R. Brown, J. Burgess, A. Captain, S. Carreira, M. R. Castañeda, F. Castro, A. Catenazzi, J. R. Cedeño-Vázquez, D. G. Chapple, M. Cheylan, D. F. Cisneros-Heredia, D. Cogalniceanu, H. Cogger, C. Corti, G. C. Costa, P. J. Couper, T. Courtney, J. Crnobrnja-Isailovic, P.-A. Crochet, B. Crother, F. Cruz, J. C. Daltry, R. J. R. Daniels, I. Das, A. de Silva, A. C. Diesmos, L. Dirksen, T. M. Doan, C. K. Dodd Jr, J. S. Doody, M. E. Dorcas, J. Duarte de Barros Filho, V. T. Egan, E. H. El Mouden, D. Embert, R. E. Espinoza, A. Fallabrino, X. Feng, Z.-J. Feng, L. Fitzgerald, O. Flores-Villela, F. G. R. França, D. Frost, H. Gadsden, T. Gamble, S. R. Ganesh, M. A. Garcia, J. E. García-Pérez, J. Gatus, M. Gaulke, P. Geniez, A. Georges, J. Gerlach, S. Goldberg, J.-C. T. Gonzalez, D. J. Gower, T. Grant, E. Greenbaum, C. Grieco, P. Guo, A. M. Hamilton, K. Hare, S. B. Hedges, N. Heideman, C. Hilton-Taylor, R. Hitchmough, B. Hollingsworth, M. Hutchinson, I. Ineich, J. Iverson, F. M. Jaksic, R. Jenkins, U. Joger, R. Jose, Y. Kaska, U. Kaya, J. S. Keogh, G. Köhler, G. Kuchling, Y. Kumlutaş, A. Kwet, E. La Marca, W. Lamar, A. Lane, B. Lardner, C. Latta, G. Latta, M. Lau, P. Lavin, D. Lawson, M. LeBreton, E. Lehr, D. Limpus, N. Lipczynski, A. S. Lobo, M. A. López-Luna, L. Luiselli, V. Lukoschek, M. Lundberg, P. Lymberakis, R. Macey, W. E. Magnusson, D. L. Mahler, A. Malhotra, J. Mariaux, B. Maritz, O. A. V. Marques, R. Márquez, M. Martins, G. Masterson, J. A. Mateo, R. Mathew, N. Mathews, G. Mayer, J. R. McCranie, G. J. Measey, F. Mendoza-Quijano, M. Menegon, S. Métrailler, D. A. Milton, C. Montgomery, S. r.A. A. Morato, T. Mott, A. Muñoz-Alonso, J. Murphy, T. Q. Nguyen, G. Nilson, C. Nogueira, H. Nuñez, N. Orlov, H. Ota, J. Ottenwalder, T. Papenfuss, S. Pasachnik, P. Passos, O. S. G. Pauwels, N. Pérez-Buitrago, V. n. Pérez-Mellado, E. R. Pianka, J. Pleguezuelos, C. Pollock, P. Ponce-Campos, R. Powell, F. Pupin, G. E. Quintero Díaz, R. Radder, J. Ramer, A. R.

Rasmussen, C. Raxworthy, R. Reynolds, N. Richman, E. L. Rico, E. Riservato, G. Rivas, P. L. B. da Rocha, M.-O. Rödel, L. Rodríguez Schettino, W. M. Roosenburg, J. P. Ross, R. Sadek, K. Sanders, G. Santos-Barrera, H. H. Schleich, B. R. Schmidt, A. Schmitz, M. Sharifi, G. Shea, H.-T. Shi, R. Shine, R. Sindaco, T. Slimani, R. Somaweera, S. Spawls, P. Stafford, R. Stuebing, S. Sweet, E. Sy, H. J. Temple, M. F. Tognelli, K. Tolley, P. J. Tolson, B. Tuniyev, S. Tuniyev, N. Üzümlü, G. van Buurt, M. Van Sluys, A. Velasco, M. Vences, M. Veselý, S. Vinke, T. Vinke, G. Vogel, M. Vogrin, R. C. Vogt, O. R. Wearn, Y. L. Werner, M. J. Whiting, T. Wiewandt, J. Wilkinson, B. Wilson, S. Wren, T. Zamin, K. Zhou, and G. Zug. 2013. The conservation status of the world's reptiles. *Biological Conservation* 157:372–385.

Popular Articles: Nature Notes, Philippine Daily Inquirer

1. Fire Sea Urchin Zenaida D. Salazar
2. Philippine Falconet *Microheirax erythrogenys*, the Philippine Smallest Birds of prey Rolly C. Urriza
3. Venus Flower Basket (*Euplectella aspergillum*) Joseph Elliz B. Comendador
4. Golden Cowrie Vivian D. Ang
5. Squidworm Virgilio S. Palpal-latoc
6. Fireworm Virgilio S. Palpal-latoc
7. The Blue Ant (*Polyrhachis cyaniventris*) Perry Archival Buenaente
8. Inflatable Shark Don T. Dumale
9. Striped Shrew Rat Maria Josefa S. Veluz
10. Coconut Crab Marivene Manuel-Santos
11. Marivene's Petaloid Crab Marivene Manuel-Santos

Manuscripts

1. Polychaete Fauna of Bicol (84% completed) Virgilio S. Palpal-latoc
2. Crustacean Biodiversity of Aurora Province (26% completed) Marivene Manuel-Santos
3. Hearst Expedition Crustaceans (90% completed) Marivene Manuel-Santos
4. Checklist of Philippine Decapod and Stomatopod Crustaceans (identification and preliminary writing stage 35%) Marivene Manuel-Santos
5. Biogeography and Systematics of Freshwater Crab, *Ovitamon* Ng & Takeda, 1988 (6% completed) Marivene Manuel-Santos
6. Shells of Alabat Island (15% completed) Vivian D. Ang
7. Mammal Fauna of Siargao Island, Surigao Del Norte, Mindanao Province (15%) Maria Josefa S. Veluz
8. Three New Species of *Musseromys* (Muridae, Rodentia), the endemic Philippine Three Mouse from Luzon Island Maria Josefa S. Veluz
9. Journal manuscript regarding the discovery of the swimming ability of the *Odontomachus malignus* in the Tabon Caves Complex, Lipuun Pt., Palawan Perry Archival C. Buenaente
10. Crustaceans of Alabat Island – Classification and Identification of Alabat collections Marivene Manuel-Santos
11. Sea Shells of Verde Island, Batangas Marivene Manuel-Santos
12. Survey and collection of Echinoderm Fauna of Aurora Province Zenaida D. Salazar
13. Biodiversity survey of Crustacean Fauna of Cagayan Province Marivene Manuel-Santos
14. Review of two (2) new species of Philippine Forest "Mice (*Apomys*, Muridae, Rodentia) from Lubang and Luzon Islands, with a redescription of *Apomys sacobianus*" Maria Josefa S. Veluz
15. First record of Dusky Thrush in the Philippines [submitted to Oriental Bird Club (OBC) on Aug. 13, 2013. Rolly C. Urriza
16. Study of the Molluscan Fauna of Batanes Group of Islands Vivian D. Ang
17. Fishes of Aurora Province Don T. Dumale
18. Fishes of Batanes Group of Islands Don T. Dumale

Extension Services

Serviced and assisted more than 500 clients (Researchers, Faculties, Government Agencies, Foreign Collaborators and Students) from various schools and institutions

Lectures

1. Basic Preservation Techniques (Bird Skinning) by Rolly C. Urriza Bulacan State University OJT students
2. Basic Sponge Taxonomy By Joseph Elliz B. Comendador, Bulacan state University and Our Lady of Fatima University
3. Career Talk By Perry Archival C. Buenavente, Colegio De San Gabriel Archangel
4. Bird Preservation Techniques with demonstration by Rolly C. Urriza, Lyceum of the Philippines
5. Bird Preservation Techniques and the Importance of Museum Collections By Rolly C. Urriza Polytechnic University of the Philippines
6. Orientation in Ornithology By Rolly C. Urriza Central Luzon State University
7. Zoology Expedition By Don T. Dumale Central Luzon State University
8. The Philippine Eagle By Rolly C. Urriza De La Salle University
9. Methods of Collection and Preservation Techniques on Sponges By Joseph Elliz B. Comendador Central Luzon State University
10. Demonstration and lecture on Bird Skinning and Taxidermy by Paterno A. Comintan (in the absence of Rolly C. Urriza) Central Luzon State University
11. Collection and Preservation of Hard Corals By Rogelio C. Rivera Lyceum of the Philippines
12. Collection and Preservation of Shells By Vivian D. Ang Lyceum of the Philippine
13. Collection and Preservation of Sponges By Joseph Elliz B. Comendador Lyceum of the Philippines
14. Collection and Preservation of Echinoderms By Zenaida D. Zalazar Lyceum of the Philippines
15. Collection and Preservation of Crustaceans By Marivene M. Santos Lyceum of the Philippines
16. Mammal Collections, Maintenance and Importance (lecture and tour of Mammal collections) by Maria Josefa S. Veluz University of the Philippines – Los Baños
17. Collection and Preservation Methods of Shells By Vivian D. Ang University of Eastern Philippines – Catarman, Samar (Faculty and MS Biology students)
18. National Museum Ornithological Collections By Rolly C. Urriza University if the Philippines – Diliman
19. Taxidermy of small mammals and birds By Paterno A. Comintan (in the absence of Rolly C. Urriza)
20. Basic Insect Collecting Techniques By Perry Archival C. Buenavente National Teachers College

Conference / Seminar-Workshop (Resource Speaker)

1. Aquatic Arthropods: Mountain Freshwater Crabs: Research and Advancement by Marivene M. Santos Ateneo De Manila University - College of Arts and Sciences, Diliman, Quezon City
2. Importance of Limestone Karst Habitat in the Evolution and Ecology of Philippine Amphibians and Reptiles by Arvin C. Diesmos National Cave Congress, Tagum City, Davao del Norte
3. Recent Advancement in the Field of Herpetological Studies and Research By Arvin C. Diesmos Polytechnic University of the Philippines, Sta. Mesa, Manila
4. Young Christian Science Conference By Arvin C. Diesmos Kasarinlan High School, Caloocan City
5. Terrestrial Fauna By Rolly C. Urriza Tuklas Kalikasan: Quezon

Technical Assistance/Identification Services

SUMMARY:

Identification of sponges	921 specimens; 39 clients
Identification of corals	1,119 specimens; 107 clients
Identification of polychaetes	214 specimens; 32 clients
Identification of mollusks	754 specimens; 190 clients
Identification of crustaceans	1,105 specimens; 125 clients
Identification of insects and allies	799 specimens; 109 clients
Identification echinoderms	386 specimens; 33 clients
Identification of fishes	217 specimens; 65 clients
Identification of reptiles and amphibians	37 specimens; 37 clients
Identification of birds	313 specimens; 52 clients

Identification of mammals	310 specimens; 33 clients
Taxidermy of small birds and mammals	
Thesis advising/consultation	174 students
Specimen loan	3 specimens
Catalogue Number requests	25 catalogue numbers for crustaceans

- 1 Identified polychaete specimens of PLM student for thesis purpose (V.S. Palpal-latoc)
- 2 Technical assistance to Ms. Michelle D. Cawaling of PNU re: identification of shrimp specimens (M.M. Santos)
- 3 Technical assistance to students of ASCOT (2); Ateneo de Manila Univ. (3); Pampanga Agricultural College (3); Cebu Normal Univ. (1) and Bulacan State Univ. (6); CEU (2); re: identification of mangrove and freshwater crabs (M.M. Santos)
- 4 Assisted BS-Biology students of UST, NU, PUP, BSU, Adamson Univ., OLFU, PAC, TSU & CLSU re: identifying of entomological specimens (V.U. Samarita)
- 5 Assisted Biology students of Colegio de San Gabriel Archangel (CDSG) for their thesis research (M.J. Veluz)
- 6 Assisted 2 Our Lady of Fatima University students for their thesis (M.J. Veluz)
- 7 Assisted BS- Biology students of CDGSA (2) and ASCOT re: identification of shell specimens - V.D. Ang
- 8 Assisted Mr. Joy T. Dalet, Ph.D. in Biochemistry of UP- Manila re: identification of cone shell (V.D. Ang)
- 9 Assisted Ms. Dianne U. Santos re: identification of shell specimens (V.D. Ang)
- 10 Technical assistance to students of UST; Ateneo de Manila; CLSU; UP Manila (2); PUP; and PLM (2) re: identification of shell specimens (V.D. Ang)
- 11 Assisted BS-Environmental Science students of TUP re: identification of shell specimens (V.D. Ang)
- 12 Assisted 1PLM student re: identification of fish specimens (D.T. Dumale)
- 13 Assisted 4 UST Microbiology students re: identification of fish specimens (D.T. Dumale)
- 14 Identification of echinoderm specimens for their thesis to ASCOT and PLM students (Z.D. Salazar)
- 15 Assisted student of UST re: identification of sea urchin specimens (Z.D. Salazar)
- 16 Facilitated OJT students of Fatima Univ. and Bulacan re: Skin Caprimulgus manilensis as mounted for display (R.C. Urriza)
- 17 Assisted Fatima students re: identification of termites (PA. Buenavente)
- 18 Assisted / supervised OJT students from CDSGA and Our Lady of Fatima Univ. re: maintenance of zoological specimens (E.U. Mendoza, P.B. Ambal, A.G. Andalis & P.A. Comintan)
- 19 Assisted 2 OJT students of OLFU re: Training on basic taxonomy of sponges (J.E. Comendador)
- 20 Assisted 3 PNU students re: research on sponges (JE. B. Comendador)
- 21 Assisted UST students (6); BSU students (6) re: identifying fish specimens. (D. T. Dumale)
- 22 Identify cockroaches for students of University of Makati. (PA.C. Buenavente)
- 23 Assisted UPLB researchers inspecting the stick insect collection at MFP. (PA.C. Buenavente)
- 24 Assisted PLM student, Metropolitan Academy of Manila student (4), B.S. Biology students (COSGA) (5) re: identification of shells - V.D. Ang
- 25 Assisted Metropolitan Academy of Manila students (4) re: identification of shells (V.D. Ang)
- 26 Assisted DLSU-Dasma students re: identification of shell specimens (V.D. Ang)
- 27 Facilitated 10 LPU students on bird preservation at ornithology section (R.C. Urriza)

- 28 Took pictures of UST Loaned Specimens at MFP with Mauro Alvarez & Perry Buenavente. (AM. Domingo)
- 29 Edited photos of 26 shrimps for Carcinology section for philpost. (AM. Domingo)
- 30 Assisted OJT students from PLM regarding inventory of polychaetes collections. (E.U. Mendoza)
- 31 Identified asteroid specimens – Deonm Bootala. DLSU students for thesis purposes. (Z.D. Salazar)
- 32 Identified echinoderm specimens – Michael A. Clores of Ateneo de Naga for thesis purposes. (Z.D. Salazar)
- 33 Provided assistance to CLSU staffs and assisted students from Cavite State University regarding their thesis. (R.C. Urriza)
- 34 Oriented four (4) OJT's from San Agustin Iloilo. (V.S. Palpal-latoc)
- 35 Lectured on the functions of zoology to nine (9) OJT's students from CLSU. (V.S. Palpal-latoc)
- 36 Extended technical assistance in conducting Tuklas Kalikasan Workshop in Tayabas City with 34 participants. (V.S. Palpal-latoc)
- 37 Briefed five (5) OJT's students from PNU. (V.S. Palpal-latoc)
- 38 Technical assistance to Dr. Edison M. Husana of UP Los Banos re: type material for Ovitamon. (M.M. Santos)
- 39 Technical assistance to Michael Clores re: identification of Crustaceans from Caramoan Peninsula. (M.M. Santos)
- 40 Technical assistance to Dr. Mauren Gaulke re: phytothelmic crabs of Panay. (M.M. Santos)
- 41 Provided catalogue numbers for Dr. Komai of Chiba Museum, Japan for new species of hermit crabs. (M.M. Santos)
- 42 Preparation of materials for exhibit in Batanes Museum and Sta. Barbara, Iloilo. (V.D. A)
- 43 Identification of bivalves from Cavite National Science High School (V.D. Ang)
- 44 Assisted Ms. Dez Fernandez – MS student UPLB re: hair samples of rodents for thesis. (MJ.S. Veluz)
- 45 Supervision of PNU OJT students. (MJ.S. Veluz)
- 46 Identified echinoderm specimen of Naoya Saito – DLSU Bio Student. (Z.D. Salazar)
- 47 Identified sea urchins specimen from UST students. (Z.D. Salazar)
- 48 Identified sea urchins specimen from UST students. (Z.D. Salazar)
- 49 Answered email request of Dr. Adrover re: Aethopyga species. (R.C. Urriza)
- 50 Students from OLFU re: inquired about possible thesis on birds. (R.C. Urriza)
- 51 Technical assistance in the relocation of corals to enhance the marine sanctuary of Tubay, Agusan del Norte. (V.S. Palpal-latoc)
- 52 Communicated with Mr. Mitsuo Chino, Japanese Malacologist re: Acknowledgement receiving two (2) shell paratypes. (V.S. Palpal-latoc)
- 53 Facilitated the export permit of two (2) collaborators from Harvard Univ. Scientist. (V.S. Palpal-latoc)
- 54 Briefed six (6) OJT's students from Bulacan State University. (V.S. Palpal-latoc)
- 55 Technical assistance to Dr. Jose Christopher Mendoza re: Ovitamon paratype exchange. (M.M. Santos)
- 56 Identification of vertebrates of BFAR Region II (Cagayan) (R.C. Rivera)
- 57 Assisted seven (7) students from Bulacan State Univ. (R.C. Rivera)
- 58 Assisted one (1) teacher from Kolehiyo ng Lungsod ng Lipa for the collection and preservation of invertebrates. (R.C. Rivera)
- 59 Assisted B.S. Biology students re: id of shells. (V.D. Ang)
- 60 Supervised OJT's from CLSU, PNU and PUP. (D.T. Dumale)
- 61 Facilitated ten (10) OJT's from CLSU and PUP. (R.C. Urriza)

- 62 Trained students from PSU-Marine lab on curation of specimen.
(PA.C. Buenavente)
- 63 Assisted OJT's from CLSU and PNU. (E.U. Mendoza)
- 64 Toured Dr. Nancy Knowlton, Sant Chair at NMNH of Smithsonian Inst., USA to biodiversity exhibits and zoological reference collections. (V.S. Palpal-latoc)
- 65 Assisted Dr. Nancy Knowlton c/o US Embassy thru Director's Office re: loan of coral specimen for teaching purposes. (M.M. Santos)
- 66 Prepared list of specimens for study loan in collaboration with Dr. He Shih Teh of National Chung Hsing University, Taiwan. (MM. Santos)
- 67 Identified vertebrates from UST students dated June 20, 2013.
(R.C. Rivera)
- 68 Identified vertebrates from Fatima University, Antipolo students dated June 26, 2013. (R.C. Rivera)
- 69 Identified vertebrates from TUP students dated June 28, 2013.
(R.C. Rivera)
- 70 Finalized evaluation of four (4) PUP OJT's reply to collaborators on emails re: specimens collected in Cotabato and other email inquiries. (R.C. Urriza)
- 71 Identified sea urchin specimens from BFAR. (Z.D. Salazar)
- 72 Verified cockroach specimen for OLFU students. (PA. C. Buenavente)
- 73 Verified rice weevil specimen for PNU students. (PA.C. Buenavente)
- 74 Supervised two (2) students from National University re: research on earthworm taxonomy. (V.S. Palpal-latoc)
- 75 Supervised two (2) students from UPLB re: res. On Polychaete taxonomy.
(V.S. Palpal-latoc)
- 76 Identification of shell specimens for two (2) CLSU students, three (3) PUP students, five (5) Our Lady of Fatima – Antipolo students, two (2) PUP Manila students and two (2) B.S. Biology students from Dela Salle Lipa. (V. D. Ang)
- 77 Identification of giant clam for Ms. Pablita F. Go. (V. D. Ang)
- 78 Identification of snails for two (2) Laboratory Technology students from TUP Manila. (V. D. Ang)
- 79 Sponge identification for California Academy of Sciences. (JE.B. Comendador)
- 80 Identification of corals for two (2) Adamson University students. (R. C. Rivera)
- 81 Identification of vertebrates for ten (10) TUP Manila students. (R. C. Rivera)
- 82 Identification of vertebrates for three (3) UPHSD students. (R. C. Rivera)
- 83 Identification of brittle stars for CLSU, BS Biology student. (Z. D. Salazar)
- 84 ABS-CBN inquiries about Taxidermy. (V.S. Palpal-latoc)
- 85 Technical assistance to 3 students from ADMU re: research/thesis consultation and identification of crustacean specimens (M.M. Santos)
- 86 Identification of invertebrates from Las Pinas College students. (R. C. Rivera)
- 87 Identification of corals for CNSHS students. (R. C. Rivera)
- 88 Identification of corals for BSU students. (R. C. Rivera)
- 89 Identification of marine invertebrates for Adamson University students
(R. C. Rivera)
- 90 Identification of gastropods specimens for five (5) B.S. Biology CLSU students. (V. D. Ang)
- 91 Identification of freshwater snails for six (6) B.S. Medical Technology students of UST.
(V.D. Ang)
- 92 Identification of bivalves for five (5) B.S. Biology students of CLSU. (V. D. Ang)
- 93 Identification of shells for M.S. Environmental Science student of Ateneo de Manila.
- 94 Identification of shells for three (3) students of Trinity University of Asia.
(V.D. Ang)
- 95 Assisted four (4) students from UST and one (1) student from PUP in fish identification.
(D.T. Dumale)
- 96 Identification of echinoderm specimens for CLSU B.S. Biology student.

- (Z. D. Salazar)
- 97 Identification of ophiuroids specimen for BSU B.S. Biology student.
(Z.D. Salazar)
- 98 Facilitates four (4) LPU students regarding their bird topic. (R. C. Urriza)
- 99 Advised one (1) UPLB students regarding bird thesis. (R. C. Urriza)
- 100 Identified sponges for BS Biology students of Trinity University.
(J. E. B. Comendador)
- 101 Advised PLM student with their thesis. (PA. Buenavente)
- 102 Verified fly for OLFU students. (PA. Buenavente)
- 103 Verified cockroach specimens for Capitol Medical Center College students. (PA. Buenave
- 104 Assisted five (5) OJT students from Colegio De San Gabriel Archangel regarding maintenance of Zoological specimens. (E. U. Mendoza)
- 105 Examining undetermined organism of DENR Reg. IV. (V.S. Palpal-latoc)
- 106 Facilitated request of Adamson University students regarding classification and photography of Zoology specimens. (V.S. Palpal-latoc)
- 107 Facilitated Zoo lecture for University of Eastern Samar students.
(V.S. Palpal-latoc)
- 108 Technical assistance to two (2) TUP students regarding the identification and classification of crustaceans. (M.M. Santos)
- 109 Identification and classification of crustaceans for TUP Manila and Adamson University students. (M. M. Santos)
- 110 Technical assistance and thesis consultation to students of Technological University of the Philippines - Manila. (M. M.Santos)
- 111 Crustacean identification for three (3) UST Manila students. (MM. Santos)
- 112 Crustacean identification for Mr. Bien Carlos S. Aquino De La Salle University student. (M. M. Santos)
- 113 Assisted Adamson University students for picture taking of shell specimens.
(V. D. Ang)
- 114 Identification of shell specimen for Ms. Therese Danielle Cordero Sy B.S. Med. Tech. student from UST. (V. D Ang)
- 115 Identification of shell specimen for two (2) B.S. Biology students from Trinity University of Asia. (V. D. Ang)
- 116 Facilitates two (2) PUP B.S. Biology students about the collection and preservation of shells.
(V. D. Ang)
- 117 Measurement of pig skulls for Thomas Inggico of UP Diliman. (MJ. S. Veluz)
- 118 Thesis advisee for two (2) Ateneo de Manila students and two (2) students for Bulacan State University. (MJ. S. Veluz)
- 119 Assisted three (3) students from Bulacan State University, six (6) TUP students and three (3) students from UST in fish identification. (D.T. Dumale)
- 120 Identified echinoderm specimen for UPD student. (Z. D. Salazar)
- 121 Identified echinoderm specimen for subject completion of five (5) CLSU students.
(Z. D. Salazar)
- 122 Identified echinoderm specimen for thesis of four (4) PLM students.
(Z. D. Salazar)
- 123 Identified echinoderm specimen for Adamson University Biologist student.
(Z. D. Salazar)
- 124 Assisted two (2) Biology students from Trinity University for Sponge identification. (JE. B. Comendador)
- 125 Assisted Adamson University students regarding the photo captured of crustaceans and shell specimens. (E. U. Mendoza)
- 126 Assisted six (6) students from Adamson University regarding the collection and preservation of Marine specimens. (PA. Comintan)

- 127 Cataloguing holotypes and paratypes of polychaete species sent by Dr. G. Martin from UAM Madrid, Spain. (7 spp.) (V.S. Palpal-latoc)
- 128 Facilitated request of PNU Biology students regarding classification and photography of Zoology specimens. (V.S. Palpal-latoc)
- 129 Collaboration and technical assistance to Dr. Maren Gaulke regarding Panay Crabs identification (M. M. Santos)
- 130 Identification of invertebrates for three (3) Fatima students, three (3) TUP students and four (4) Adamson University students. (R. C. Rivera)
- 132 Assisted two (2) Adamson University students regarding identification of "tahong". (VD)
- 133 Identification of land snails for Ms. Jeana S. Macalood of Misamis Or. and seven (7) Doctor of Dental Medicine students from Centro Escolar University. (VD. Ang)
- 134 Identification of shells from B.S. Biology students of Polytechnic University of the Phil. and UP Diliman. (VD. Ang)
- 135 Identification of snails from CEU Makati and Cavite National Science High School. (VD. A)
- 136 Identification of mussels from Ernesto Rondon High School students. (VD. Ang)
- 137 Assisted two (2) TUP students in identifying fish specimens. (DT. Dumale)
- 138 Briefing of two (2) student advisee on bird thesis regarding fieldwork preparation (RC. U)
- 139 Advised seven (7) PNU students for thesis. (PA. Buenavente)
- 140 Attend to request of PhilPost re: deep sea shrimps stamp feature (M.M. Santos)
- 141 Technical assistance to students of Dr. Humberto Montes, Jr. of Visayas State College (VIZCA) re: red shrimps (M.M. Santos)
- 142 Assisted Mr. Hendrik Freitag request of freshwater crabs (M.M. Santos)
- 143 Assisted BS-Biology students of BSU, CLSU re: identifying of entomological specimens (V.U. Samarita)
- 144 Advised Biology students of CDSG for their thesis research (MJ. Veluz)
- 145 Assisted (2) Our Lady of Fatima University students for their thesis (MJ. Veluz)
- 146 Assisted (4) students of Metropolitan Academy of Manila re: identification of shell specimens - V.D. Ang
- 147 Assisted students from UP Manila (2); Bicol University (2); PUP and PLM re: identification of shell specimens (V.D. Ang)
- 148 Assisted Ms. Dianne U. Santos re: identification of shell specimens (V.D. Ang)
- 149 Technical assistance to students of UST; Ateneo de Manila; CLSU; UP Manila (2); PUP; and PLM (2) re: identification of shell specimens (V.D. Ang)
- 150 Assisted BS- Environmental Science students of TUP re: identification of shell specimens (V.D. Ang)
- 151 Assisted 1 Colegio De San Gabriel Archangel student in identifying fish specimens (D.T. D)
- 152 Assisted 1 Ateneo de Manila MS Biology student in identifying fish specimens (D.T. Dum)
- 153 Identification of echinoderm specimens for their thesis to ASCOT and PLM students (Z.D. Salazar)
- 154 Assisted student of UST re: identification of sea urchin specimens (Z.D. Salazar)
- 155 Facilitated PUP students re: inquiring lecture on bird preservation techniques (R. C. Urriz)
- 156 Facilitated OJT students from Fatima re: databasing and inventory of bird reference collections (R.C. Urriza)
- 157 Assisted graduate student from UPLB re: identification of Millipede specimens (P.A. Buenavente)
- 158 Assisted / supervised OJT students from CDSGA and Our Lady of Fatima Univ. re: maintenance of zoological specimens (E.U. Mendoza, P.B. Ambal, A.G. Andalis & P.A. Comintan)
- 159 Assisted 2 OJT students of Our Lady of Fatima U (OLFU) re: Training on basic taxonomy of sponges (J.E. Comendador)
- 160 Assisted/supervised 2 OLFU students re: cataloguing and databasing of sponge reference collections (J.E. Comendador)

- 161 MSU-IIT Natural Science Museum re: Planning for the post evaluation of their improved museum. (V.S. Palpal-latoc)
- 162 Attended and assisted in the opening of Biodiversity and Rice Exhibit.
(V.S. Palpal-latoc)
- 163 Identification of vertebrates from four (4) students of PUP. (RC. Rivera)
- 164 Identification of vertebrates from five (5) students of TUP. (RC. Rivera)
- 165 Identification of vertebrates from two (2) students of UP-Mla. (RC. Rivera)
- 166 Identification of tahong for BSE Chemistry student of Phil. Normal University. (V. D. Ang)
- 167 Identification of golden kuhol for BS Biology student of Bulacan State University. (V. D. Ang)
- 168 Assisted BS Biology student of UP-Diliman regarding database of shells.
(V.D. Ang)
- 169 Identification of shells for MS Environmental Science student of Ateneo de Manila University. (V. D. Ang)
- 170 Facilitated two (2) students - advisee from Bulacan regarding the preparation for survey in relation to their bird thesis. (R. C. Urriza)
- 171 Facilitated the identification of duck specimen for one (1) student of DLSU.
(R. C. Urriza)
- 172 Assisted three (3) students from UST regarding their specimen.
(E. U. Mendoza)
- 173 Dr. Maren Gaulke re: Panay crabs identification. (MM. Santos)

Philippine Schools and Universities Served

- 1 Adamson University
- 2 Ateneo De Manila University
- 3 Aurora State College of Technology
- 4 Bicol University
- 5 Bulacan State University
- 6 Cavite National Science High School
- 7 Cavite State University
- 8 Cebu Normal University
- 9 Central Luzon State University
- 10 Centro Escolar University
- 11 City College of Manila
- 12 Colegio De San Gabriel Archangel
- 13 De La Salle University – Dasmariñas
- 14 De la Salle University – Lipa City
- 15 De La Salle University – Taft
- 16 Ernesto Rondon High School
- 17 Fatima University – Antipolo
- 18 Far Eastern University
- 19 Isabel State University
- 20 Kolehiyo ng Lungsod ng Lipa
- 21 Lyceum of the Philippines University
- 22 Manila Central University
- 23 Metropolitan Academy of Manila
- 24 Mindanao State University
- 25 National University
- 26 Our Lady of Fatima University – Valenzuela City
- 27 Palawan State University
- 28 Pamantasan ng Lungsod ng Maynila
- 29 Pampanga Agricultural College
- 30 Pasig Science High School

- 31 Philippine Normal University
- 32 Polytechnic University of the Philippines
- 33 Saint Dominic School, Cavite
- 34 San Agustin University, Iloilo
- 35 Southern Luzon State University
- 36 Trinity University of Asia
- 37 University of Eastern Philippines, Samar
- 38 University of Makati
- 39 University of the Philippines – Los Banos
- 40 University of the Philippines – Diliman
- 41 University of the Philippines – Manila
- 42 University of the Philippines – Miag-ao, Iloilo
- 43 University of Rizal System, Morong, Rizal
- 44 University of Santo Tomas – Espana, Manila
- 45 Visayas State College (VIZCA)
- 46 Western Visayas State University

Foreign Schools and Universities Served

- 1 Harvard University, USA
- 2 National Chung Hsing University, Taiwan
- 3 Universidad Autonoma de Madrid, Spain

Philippine Institutions/Government Agencies/NGOs Served

- 1 ABS-CBN
- 2 Bureau of Fisheries and Aquatic Resources – NCR
- 3 Bureau of Fisheries and Aquatic Resources – Region II (Cagayan)
- 4 Bureau of Fisheries and Aquatic Resources – Region IV
- 5 Bureau of Fisheries and Aquatic Resources – Region VIII
- 6 Bureau of Fisheries and Aquatic Resources – Tanay
- 7 GMA-7
- 8 Haribon
- 9 National Commission for Culture and the Arts
- 10 Philippine Postal
- 11 Protected Areas and Wildlife Bureau – Quezon City
- 12 UPLB-Museum of Natural History
- 13 Wild Bird Club of the Philippines

Foreign Institutions Served

- 1 American Museum of Natural History – New York, USA
- 2 California Academy of Sciences, USA
- 3 Chiba Museum, Japan
- 4 Embassy of the United States of America
- 5 Field Museum of Natural History – Chicago, USA
- 6 Geneva Museum
- 7 National University of Singapore - Raffles Museum of Biodiversity Research, Singapore
- 8 Senckenberg Museum, Germany

Interviews

- 1 Interviewed by Michael Fahatin of GMA 7 re: Barn Swallows in Alabang (R.C. Urriza)
- 2 Interviewed by 2 MAPUA students re: Capstone/Media Project in Zoology (V.S. Palpal-latoc)

- 3 Interviewed by PLM students re: birds of Candaba
(R.C. Urriza)
- 4 Interviewed by GMA 7 re: "Endangered animals na Kinakain"
(V.S. Palpal-latoc)
- 5 Interviewed by Reyes Tacondong & Co: Organization Structure
(V.S. Palpal-latoc)
- 6 Interviewed by the staff of TV 5 re: Fireflies of Donsol
(V.U. Samarita)
- 7 Interviewed by BS Pharmacy students on Sponge chemicals.
(JE. B. Comendador)
- 8 Interviewed by Earl Alcantara of Mapua about Art and Design.
(AM. SP. Domingo)
- 9 Interviewed by UST students re: metapopulation of birds, ecology and habits (R.C. Urriza)

Established Linkages

- 1 Discussion re: On-Job-Training Management with University of Rizal System
Virgilio S. Palpal-latoc
- 2 Facilitated specimen photography for Museum Foundation
Virgilio S. Palpal-latoc
- 3 Loan of specimens for exhibit - Saint Dominic School
Virgilio S. Palpal-latoc
- 4 Collaboration with Dr. David Lohman of New York City College
Venancio U. Samarita
- 5 Communication with Mr. Alain de Chambrier of Geneva Museum re: parasitic tapeworm on fish and reptiles
Virgilio S. Palpal-latoc
- 6 Collaboration with DENR for possible research project in LPPCHEA
Rolly C. Urriza
- 7 Collaboration with Ms. Malou Mendoza of ERD-DENR on terrestrial inventory project at their permanent plot in UPLB-Makiling
Perry Archival C. Buenaente
- 8 UST Museum on retrieving loaned specimens
Perry Archival C. Buenaente
- 9 Collaboration with the University of Alaska Museum – forging MOA
Rolly C. Urriza
- 10 Collaboration with Haribon re: future research projects
Rolly C. Urriza
- 11 Newcastle University, Ateneo De Manila University and Haribon re: Project Launching of Darwin Initiative Project 19-020 on fish extirpations
Virgilio S. Palpal-latoc
- 12 World Wildlife Fund - Philippines on environment
Marivene M. Santos
- 13 Collaboration with Dr. Terry Gosliner of California Academy of Sciences re: 2014 Expedition
Marivene M. Santos
- 14 Communicating with Mr. Mitsuo Chino, Japanese Malacologist re: sending of paratypes of new species of shells Virgilio S. palpal-latoc
- 15 Received Holotypes of crustaceans from NUS-RMBR, Singapore thru Dr. JC. Mendoza
Marivene M. Santos

Personnel Development / Attendance and Participation to Meetings and Conferences/Seminars and Workshops/ Inauguration of Museum Exhibits

Opening of NM Exhibits / Ceremony

- 1 TOHUKU: Through the Eyes of the Japanese Photographers (NM Exhibit Opening)
Virgilio S. Palpal-latoc
Anna Melissa SP. Domingo
- 2 BAYBAYIN (NM Exhibit Opening)
Virgilio S. Palpal-latoc
Marivene M. Santos
Anna Melissa SP. Domingo
Evelyn U. Mendoza
- 3 Ceremonial turnover of “El Asesinato Del Gobernador Bustamante”, a National Treasure to NM, donation by Mr. Locsin
Virgilio S. Palpal-latoc
- 4 Unveiling of Portrait of Mr. Cheng Ban Lee and Mme. So Boan Ty by Mr. F. A. Alcuaz
Virgilio S. Palpal-latoc
- 5 Unveiling of donated painting “Woman in Distress”
Virgilio S. Palpal-latoc
- 6 Inauguration of “Hibla ng Lahing Filipino” Textile Gallery and Opening of Climate Change Exhibit
Virgilio S. Palpal-latoc
Marivene M. Santos
Perry Archival C. Buenavente
Anna Melissa SP. Domingo
Evelyn U. Mendoza
- 7 Inauguration of “Pacifico” Spain and the Adventure of the South Sea
Virgilio S. Palpal-latoc
Marivene M. Santos
Anna Melissa SP. Domingo
Evelyn U. Mendoza

Seminar-Workshop/Conference/Lecture/Convention

- 1 “Sexual harassment Against Women” by Judge Juliet Manalo San Gaspar, part of the program of Gender And Development , Vice-Chaired by Marivene M. Santos Marivene M. Santos
Vivian D. Ang
Anna Melissa SP. Domingo
Evelyn U. Mendoza
- 2 Science and Technology for Arts Workshop February 12-15, 2013
Don T. Dumale
Perry Archival C. Buenavente
- 3 Graphika Manila 2013, PICC Plenary Hall, CCP Complex, Roxas Boulevard, Manila February 19, 2013

Anna Melissa SP. Domingo

- 4 Photo World Asia 2013: Photo Trade Show and Convention at AIM, Makati and Fernwood Gardens, Quezon City January 31 – February 5, 2013
Anna Melissa SP. Domingo
- 5 “Ang Baybayin” (Seminar)
Virgilio S. Palpal-latoc
Vivian D. Ang
Anna Melissa SP. Domingo
- 6 Natural History and Climate Change
by Dr. Nancy Knowlton
All Zoology staff
- 7 Convention on Aquatic and Wildlife Management and Scientific Authorities
Bayview Park Hotel, Roxas Blvd., Manila
Vivian D. Ang
Zenaida D. Salazar
- 8 NMNH Exhibition and Development Workshop
by Chuck Sutyla & company
Virgilio S. Palpal-latoc
Marivene M. Santos
Arvin C. Diesmos
Rogelio C. Rivera
Maria Josefa S. Veluz
Vivian D. Ang
Don T. Dumale
Zenaida D. Salazar
Rolly C. Urriza;
Joseph Elliz B. Comendador
- 9 Basic Principles of Public Sector Unionism
Don T. Dumale
Rolly C. Urriza
Evelyn U. Mendoza
- 10 Workshop on Integrative Approach to Sea Cucumber Taxonomy – UPMSI Aug. 7-10, 2013
Zenaida D. Salazar
- 11 International Training Course on Sustainable and Conservation of Marine Ecosystems in Phuket, Thailand (Sept. 23-27, 2013)
Marivene M. Santos
Joseph Elliz B. Comendador
- 12 Biodiversity Symposium PCAARRD, Los Banos, Laguna
Rolly C. Urriza
- 13 Hands-On Silkscreen Printing Workshop
Suez and Zapote Gallery, Makati City September 21, 2013
Anna Melissa SP. Domingo

- 14 Microscopy Workshop
University of the Philippines – Diliman
Perry Archival Buenavente
Anna Melissa SP. Domingo

- 15 CPD in Action by Raquel Flores, part of lecture series prepared by NM-CCA chaired by V. S. Palpal-latoc
Virgilio S. Palpal-latoc
Evelyn U. Mendoza

- 16 Disaster Preparedness & Disaster Risk Reduction, part of lecture series of NM-CCA chaired by V. S. Palpal-latoc
Virgilio S. Palpal-latoc
Rolly C. Urriza
Anna Melissa SP. Domingo

- 17 Ethnomedicinal Plants by Dr. Wilfredo Vendivil, part of lecture series prepared by NM-CCA chaired by V. S. Palpal-latoc Virgilio S. Palpal-latoc
Marivene M. Santos
Rolly C. Urriza
Evelyn U. Mendoza

- 18 Scientific Career System by Dr. Mendoza
Virgilio S. Palpal-latoc
Marivene M. Santos
Arvin C. Diesmos
Vivian D. Ang
Don T. Dumale
Rolly C. Urriza
Anna Melissa SP. Domingo

- 19 Workshop on Re-introduction of “Katala” Protected Areas and Wildlife Bureau – DENR
December 17, 2013
Rolly C. Urriza

- 20 Gender Sensitivity Training and Seminar at Riverview Hotel, Parian, Calamba, Laguna-
February 19-21, 2013
Marivene M. Santos

- 21 NM Cooperative Seminar at the NM Reception Hall (Oct. 10-11, 2013) Vivian D. Ang
Perry Archival Buenavente
Joseph Elliz B. Comendador
Evelyn U. Mendoza

Fieldwork/Research

- 1 Virgilio S. Palpal-latoc and Don T. Dumale – Fieldwork in Batanes Group of Islands - Survey and collection of Polychaete and Fish specimens (January 14 – 25, 2013)
- 2 Maria Josefa S. Veluz and– Fieldwork in Batanes Group of Islands- Survey and collection of mammal specimens (January 18-28, 2013)
- 3 Rolly C. Urriza- Fieldwork in Batanes Group of Islands- Survey and collection of bird specimens (January 21 – February 1, 2013)

- 4 Evelyn U. Mendoza – Fieldwork in Batanes Group of Islands – Assists in the collection and maintenance of zoological specimens (January 18-28, 2013)
- 5 Marivene Manuel-Santos- Field visit to sites of Tuklas Kalikasan, coordination with LGU etc. (January 28-30, 2013)
- 6 Virgilio S. Palpal-latoc – Fieldwork in Cadiz, Negros Occ. – collected specimen from March 13 up to 15, 2013
- 7 Rolly C. Urriza and Andres G. Andalis – Fieldwork in Tayabas Quezon - Collections of Specimens for the natural history exhibit and collection/research for Tuklas Kalikasan from Mar. 17 – 27, 2013
- 8 Maria Josefa S. Veluz – Fieldwork in Mt. Halcon, Oriental Mindoro. Collaborative fieldwork with the Field Museum team to survey mammal fauna in Mindoro from Feb. 28 – Mar. 19, 2013.

- 9 Don T. Dumale and Perry Archival C. Buenavente – Fieldwork in Bolinao Branch Museum – Retrieved zoological exhibit from April 3 to April 6, 2013
- 10 Virgilio S. Palpal-latoc, Vivian D. Ang Don T. Dumale, Rolly C. Urriza, Anna Melissa SP. Domingo and Evelyn U. Mendoza – Fieldwork in Tayabas Quezon – assisted in Tuklas Kalikasan workshop from April 10 – 13, 201
- 11 Don T. Dumale – Fieldwork in Puerto Galera, Oriental Mindoro – collection of shells from May 1 - 7, 2013
- 12 Virgilio S. Palpal-latoc, Don T. Dumale and Joseph Elliz B. Comendador – Fieldwork in Tubay, Agusan del Norte – survey and collection of specimens from May 22-27, 2013.
- 13 Marivene Manuel – Santos and Paterno A. Comintan – Fieldwork in Sta. Ana Cagayan – Survey and collecting Crustaceans Fauna of Cagayan Province from May 22 – June 7, 2013.
- 14 Perry Archival C. Buenavente – Fieldwork in Mt. Kanla-on, Negros Occidental – Collection trip from May 7-14, 2013 and Irawan Watershed, Puerto Princesa from May 15-21, 2013.
- 15 Zenaida D. Salazar and Evelyn U. Mendoza – Fieldwork in Gonzaga, Cagayan - Survey and collecting Echinoderm Fauna of Cagayan Prov. from May 14-June 02, 2013.
- 16 Virgilio S. Palpal-latoc and Andres Andalis – Fieldwork in Sta. Ana, Cagayan Province. Survey and collection of Polychaete Fauna in Sta. Ana Cagayan from June 3-17, 2013
- 17 Vivian D. Ang and P. Ambal– Fieldwork in Gonzaga, Cagayan Province. Survey and collection of shells specimens of Gonzaga Cagayan from June 2-21, 2013
- 18 Anna Melissa SP. Domingo – fieldwork at Museo de Baler, Aurora - Technical assistance to Museo de Baler as requested by Sen. Angara, as part of the Philippine-Spanish friendship day celebration from June 28 to July 1, 2013.
- 19 Marivene M. Santos, Don T. Dumale and Evelyn U. Mendoza -
locate burial grounds of big marine mammals and coordinate with LGU regarding acquisition of stranded whales and large animals. Laoag, Ilocos Norte from Aug. 28-30, 2013
- 20 Perry Archival Buenavente, Arvin C. Diesmos & Andres G. Andalis – Tabon Complex Lipuun Point, Palawan survey and collection of insect Fauna from Sept. 04 – 19, 2013
- 21 Maria Josefa S. Veluz & Paulita B. Ambal – Tabon Cave Complex Lipuun Point Palawan Survey and collection of Mammals from Sept. 04-19, 2013
- 22 Don T. Dumale – fieldwork at Philrice, Munoz, Nueva Ecija - Rice Exhibit from October 24-25, 2013
- 23 Perry Archival C. Buenavente – Demo for the SEM at Cebu City from October 29-30, 201
- 24 Marivene M. Santos – fieldwork at Lipuun Pt., Palawan survey and collection of Crustaceans from Nov. 25 – Dec. 06, 2013
- 25 Anna Melissa SP. Domingo & Paterno A. Comintan – fieldwork at Quezon Palawan, survey and collection of Zoological specimens for exhibit from Nov. 25- Dec. 06, 2013
- 26 Rolly C. Urriza – fieldwork at Lipuun Pt., Palawan conduct research and collection of Natural History specimens from Nov. 28 – Dec. 08, 2013

- 27 Zenaida D. Salazar and Evelyn U. Mendoza – fieldwork at Lipuun Pt. Palawan, survey and collection of Echinoderm from Nov. 25 – Dec. 06, 2013
- 28 Don T. Dumale & Perry Archival Buenavente – fieldwork at Philrice, Munoz Nueva Ecija pick up exhibit materials from Dec. 02 – 03 & 16, 2013
- 29 Don T. Dumale - fieldwork at Lipuun, Quezon Palawan, survey and collection of fishes from Dec. 04-13, 2013
- 30 Joseph Eliz Comendador & Paulita B. Ambal – fieldwork at Lipuun Pt., Quezon Palawan for the survey and collection of Spongology specimen from Dec. 01-16, 2013.
- 31 Maria Josefa S. Veluz & Perry Archival Buenavente – fieldwork at Province of Dinagat, Dinagat Island – Reconnaissance and Site Survey from Dec. 11-18, 2013

Exhibition

1. Birds and Climate Change exhibits at hallway of 4th floor, MFP Bldg. – September 2013
2. Biodiversity and Rice Exhibit at 4th floor, MFP Bldg. – December, 2013

Administrative and Intervening Activities

- 1 Meeting with NMAAC re: Formal Charge of Mr. Escobar (V.S. Palpal-latoc)
- 2 Series of meetings on Bids and Awards Committee: General Services (M.M. Santos)
- 3 Meeting: Uniform Committee (M. M. Santos)
- 4 Meeting on GAD (Gender Awareness and Development) Committee (M.M. Santos)
- 5 AD HOC Fact Finding Committee meeting. (M.M. Santos)
- 6 PERC meeting (M.M. Santos & Z.D. Salazar)
- 7 Promotion and selection board meeting (M.M. Santos)
- 8 Facilitating plans and programs for Museum Month Celebration. (V.S. Palpal-latoc)
- 9 Meeting on BAC-Sub-Committee on Equipment and Supplies (Sub-Committee Head)- Observation of TWG (M. M. Santos)
- 10 Meeting on PERC re: quantified division's target; new format of PTAR and PBB Sept. 3, 5 & 6 2013 – (M.M. Santos)
- 11 Meeting of NM Security Committee with Dir. Labrador regarding Disaster Preparedness & Risk Management. (V.D. Ang)
- 12 Meeting presided by Ms. P. Ong regarding GAD proposal for 2015 and report for 2013. (M. M. Santos)
- 13 Meeting with Dir. Labrador regarding the security measure for the newly opened gallery "Pacifico". (V.D. Ang, MJ. Veluz & R. C. Urriza)
- 14 Participated in the NM Sportsfest and Cultural Activities. (MJ Veluz, Z. D. Salazar & R. C. Urriza)
- 15 Monitored new Security Guards assigned at MFP (V.D. Ang)
- 16 Meeting with Ms. Melinda Etrata's memo regarding her PTAR July-December 2012 endorsed to Ms. Marjorie Lucas. (M. M. Santos)
- 17 Meeting regarding the presentation of NM uniform design for 2014 by James Reyes. (M. M.Santos & A. M. Domingo)
- 18 General Assembly of NM Employees re: different issues to be resolved headed by Dir. Angel Bautista (V.S. Palpal-latoc, V.D. Ang, E.U. Mendoza, P. Comintan & A.G. Andalis)
- 19 NM Security Committee meeting regarding evaluation of security agency for extension of contract. (V.D. Ang)
- 20 Coop general assembly and election meeting. (AM.SP. Domingo, E.U. Mendoza)
- 21 Interviewed 60 Security Guard applicants for posting (V.D. Ang)
- 22 Meeting with acting Director III Angel Bautista re: organizing the NM Committee on Cultural Activities (NM-CCA). (V.S. Palpal-latoc & AM Domingo)
- 23 Meeting of NM-CCA regarding the preparation for the Museum Month Celebration. (V.S. Palpal-latoc & V.D. Ang)

- 24 Meeting with Dir. Barns and Dir. Labrador regarding Museum Month Cultural Activities. (V.S. Palpal-latoc & V.D. Ang)
- 25 NMNH Task Force Meeting presided by Dr. Arvin C. Diesmos (M. M. Santos, all Zoology Research staff)
- 26 Perspective plans, posters, lay out and diorama props for the Division. (AM. Domingo) 00
- 27 Preparation of PAP's, photography, illustrations, texts, labels and artworks for research publication. (AM. SP. Domingo)
- 28 Preparation of PAPs (Plans/Activities/Program). (MM. Santos)
- 29 Documentation of Tuklas Kalikasan Workshop. (A.M. Domingo)
- 30 Perspective plans and diorama props for Zoological Exhibit with twenty-three (23) posters and layout. (AM. SP. Domingo)
- 31 Meeting regarding Rice, Biodiversity and Climate Change Exhibit at the Tambunting Hall. (VD Ang, RC. Urriza & AM. Domingo)
- 32 Meeting with Dr. Ana Labrador regarding BINHI Project (Zoo Research staff)
- 33 Prepared two (2) posters "Free Admission every Sunday". (AM. SP. Domingo)
- 34 Meeting of TF NMNH regarding part of write shop, brainstorming on concepts for exhibits, preparation of specimens list for the galleries and list of personalities & institutions for inclusions to Research Profile theme. (V.S. Palpal-latoc, MJ S. Veluz & AM. SP. Domingo)
- 35 Prepared Tuklas Kalikasan Invites (3); Logo (2); Letterhead (2) & schedule (1) – A.M. Domingo
- 36 Zoology Staff re: Museum exhibit planning (V.S. Palpal-latoc)
- 37 Meeting of Nat. History Div. Chiefs with Dir. Barns and Mr. A. Bautista regarding NMNH Exhibit concept for 2014. (V.S. Palpal-latoc) (M. M. Santos)
- 38 Mind Museum Visit at the Fort, Global City. (V.S. Palpal-latoc, AM. Domingo, V. D. Ang, E. U. Mendoza, JE. Comendador)
- 39 Meeting of Zoo Marine Section re: Concept, updates etc. (V.S. Palpal-latoc)
- 40 Attended NM Natural History Working Group meeting regarding DOT Exhibit. (Aug. 2, 27 & 30) (Zoology Research staff)
- 41 Attended demo about Scanning Electron Microscope. (V.S. Palpal-latoc)
- 42 Attended meetings on NMNH and Climate Change. (MJ. S. Veluz, R. C. Urriza, PA. C. Buenavente and AM. SP. Domingo)
- 43 Meeting with Dr. Knowlton of the Smithsonian Museum. (Zoology Research staff)
- 44 Meeting with Botany Division & Ateneo representative re: proposed MOA with NMP. (V.S. Palpal-latoc ; M. M. Santos)
- 45 Meeting with PCSD for Palawan collection. (PA.C. Buenavente)
- 46 Meeting with Japanese Scientists and Researches from Kyoto University Museum. (MJ.S. Veluz)
- 47 Meeting with Ms. Louise Boluña and Ms. Marivene Santos Re: Reviving Magna Carta for S&T for non-DOST Personnel. (M. M. Santos and M.J.S. Veluz)
- 48 Meeting with Zoology Div. Scientist and Curator I re: Revision on Research Associate Agreement and Guidelines and Specimen Loans. (M.J.S. Veluz)
- 49 Secretariat meeting on Tuklas Kalikasan. (V.D. Ang, E.U.Mendoza)
- 50 Meeting with zoo technicians re: status of maintenance of reference collection at MFP. (V.S. Palpal-latoc and M. M. Santos.)
- 51 Meeting with Dir. Ana regarding the application for Researcher II and updates on the preparation of the hallway exhibit. (R.C. Urriza)
- 52 Specimen loan discussion with Mr. Absuelo, regarding drafting of UPLB Specimen Loaning. (P.R.C. Buenavente)
- 53 Meeting with Dir. Labrador for the augmentation of the Biodiversity Exhibit. (P.R.C. Buenavente)

- 54 Meeting with Dir. Labrador, Dr. Angel Alcala, Dr. Heaney, Dr. Diesmos and Dir. Barns regarding the new National Museum of Natural History and other miscellaneous mammal matters. (M.J.S. Veluz)
- 55 Discussion of on-going projects with Dr. Heaney & Dr. Alcala (V.S. Palpal-latoc)
- 56 Meeting with Chelo Formoso of Phil. Daily Inquirer re: Nature Notes with Dr. Vergara & Edwin Tadosa (A.M. Domingo)
- 57 Attended meeting with Dr. Vergara re: publication of Nature Notes by Philippine Daily Inquirer (D.T. Dumale, P.A. Buenavente Z.D. Salazar, R.C. Urriza)
- 58 Meeting with UST staff for loaning of exhibit specimens (P.A. Buenavente)
- 59 Nature Notes meeting (M.M. Santos, Z.D. Salazar, R.C. Urriza)
- 60 Meeting with Dir. Barns and Dr. Larry Heaney of Field Museum Chicago (M. M. Santos & M.J. Veluz)
- 61 Finalized plans and coordination with LGU about Tuklas Kalikasan workshop in Tayabas, Quezon (V.S. Palpal-latoc)
- 62 Meeting with Directors re: Claim of carcasses of Crocodile "Lolong" (V.S. Palpal-latoc)
- 63 Meeting of TF NMNH re: Presentation of Mus. Of Nat. History, a Visual Narrative by Dominic Galicia Architects (V.S. Palpal-latoc; M. M. Santos)
- 64 Meeting of Task Force Nat. History Museum Planning (V.S. Palpal-latoc, M.M. Santos, M.J. Veluz, P.A. Buenavente & A.M. Domingo)
- 65 Meeting with Zoology Staff re: Budget and Plans for CY 2013 (V.S. Palpal-latoc) Prepared banners for National Museum's website (AM SP. Domingo)
- 67 Designed invitation and poster for Tohoku exhibit. (AM SP. Domingo)
- 68 Created posters and shirt design for Museum Month (AM SP. Domingo)
- 69 Designed cover art and over-all design for National Museum of Natural History Journal (AM SP. Domingo)

Education Divisions

1. Museum Education Division

Visitor Management Program

This program aims to provide the best environment the museum could presently offer to visitors, while at the same time making sure that museum collection are safe and secured. For its initial activity in 2013, guidelines were formulated and instituted in the areas of museum visit reservations and bookings, and information desk services manned by MED guides, cashier, information officers, and security guards. Consultative and coordinative meetings with concerned divisions were held to address various concerns regarding vehicle parking, museum facilities, signages, group tours, changes in tour schedules, condition of exhibit showcases and displayed objects, food and souvenirs, and other related concerns. Guidelines for on-the-job training students, volunteers, interns and apprentices were likewise drafted for their guidance in handling museum guests and in observing office regulations.

MED likewise devised ways to improve its booking system and guiding system as follows:

- 1.1 Creation of online booking system
- 1.2 Administering of survey form on museum visit reservation
- 1.3 Updating of guidelines on reservation

Frontline services were further enhanced by assigning staff and OJT students on rotation basis at the front desks of NAG and MFP to provide assistance to guests and to give additional information regarding the museum exhibitions.

In addition, orientation meetings were also conducted for tour operators/school coordinators in order for them to better understand guidelines for museum visits and at the same time promote group tours for the museum.

2. Audience Development Program

The purpose of this program is for museum audiences, especially elementary and high school students, to appreciate the museum as contributory to their learning. Partnership with schools to promote Filipino heritage among students could be better achieved when there are museum education programs that schools could avail of, with an end result of more schools using the museums as tools for teaching.

Along this line, MED initially developed educational program proposals to support the K-12 program of the Department of Education, for consideration of the management. The programs hope to maximize the resources and the full potential of NM as an educational institution instilling national consciousness and raising awareness for appreciation and preservation of Filipino heritage. These programs were prepared for selected topics where needed resources are already available in the museum (i.e. museum objects on display; references, write ups, and special publications; museum specialists/researchers, pre-post activities previously developed and implemented, etc.) Museum educational programs prepared were the following:

- Art in Focus – a museum education program for the Hall of Masters featuring the paintings Spoliarium and Assassination of Governor Bustamante and His Son and the artists Juan Luna and Felix Resurrection Hidalgo.
- Art Walk – an educational program intended for Junior High School students especially for the subjects Araling Panlipunan and Humanities. It introduces the learners to the many forms of artistic expressions and processes.
- Heritage Awareness and Program for Senior High/College Students (NAG)
- A Glimpse of Philippine Neolithic- an educational program that aims to enhance understanding and appreciation of how early Filipinos lived during the Neolithic Period in Philippine prehistory.
- Philippine Prehistoric Pottery- an educational program that focuses on the early pottery tradition of early Filipinos and its significance in understanding the life and culture of the past.
- Heritage Awareness Program for Senior High/College Students (MFP)

The heritage awareness programs for the National Art Gallery and the Museum of the Filipino People were prepared after a number of college professors had expressed their intent to partner with the museum so that they can hold class sessions in the museum on topics relating to Filipino heritage.

Each of the four programs is composed of three components: pre-visit activity, focused tour and post-visit activity.

Pilot Testing of Pre- and Post Visit Activities of School Programs

To validate the effectiveness of four programs before final revisions are made, MED pilot-tested the pre-and post-visit activities to three visiting school groups.

School	Date of implementation	Number of groups/level	Number of participants	Program
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Petal Preparatory School	October 17	one group / grade four	18	Art in Focus
Our Lady of Sacred Heart Learning Center	November 21	four groups		
		grade three	27	Prehistoric Philippine Pottery
		grade four	20	Art in Focus
		grade five	30	Philippine Neolithic
		grade six	32	Art Walk
Oblates of St. Joseph	December 3	two groups		
		grade five	50	Art Walk
		grade six	35	Philippine Prehistoric Pottery

3. Audience Research

In order to plan and develop suitable programs for various types of the museum audiences, MED has embarked on a research study to identify and understand the NM viewership. Instrumentations used were visitors' survey for walk-in viewers, questionnaire for tour operators and school coordinators, and gathering of formal and informal feedbacks through the visitors' logbooks and social media. In addition, MED had also noted down previous studies on museum audiences conducted by students for future comparative studies.

MED's study hopes to provide the Museum staff and management the first hand information about their visitors: profile, reason(s) for visiting the museum, and feedbacks on museum visit experiences, in order to plan actions that would improve the museum's services. Analyses and evaluation of all data gathered for 2013 will commence in 2014. A total of 640 survey forms were distributed and 483 were collected from visitors of NAG and MFP for evaluation.

MUSEUM SERVICES

1. Museum Guiding

Being in the frontline service, museum guiding has been the top priority service of MED among its various functions. The Division continuously improve this task by updating tour scripts and adopting strategies to make guiding effective. Aside from the usual gallery talks, it also offers general guiding tours, students tours, spotlight tours, and behind-the-scenes tours.

For 2013, MED was able to guide a total of 229,516 individuals broken down to 115, 187 individuals in the National Art Gallery(NAG) and 110,632 individuals in the Museum of the Filipino People(MFP).

Number of Museum Visitors in 2013

A. Museum of the Filipino People

Elementary	13,141	or	11.41%
High School Students	18,701	or	16.24%
College Students	44,380	or	38.53%
Foreign Students	2,348	or	2.04%
Adult Local	27,312	or	23.71%

Adult Tourist	7,688	or	6.67%
Senior Citizen	1,613	or	1.40%
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TOTAL	115,187		100%

B. National Art Gallery

Elementary	14,950	or	13.09%
High School Students	22,342	or	19.56%
College Students	39,871	or	34.91%
Foreign Students	2,375	or	2.08%
Adult (Local)	25,919	or	22.69%
Adult (Tourists)	7,694	or	6.74%
Senior Citizen	1,056	or	0.92%
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TOTAL	114,207		100 %

2. Information and Library Services

The Reading Room located at the 4th Floor of the Museum of the Filipino People building, with only two regular staff, was able to serve a total of 721 individuals, both internal and external clients, and were able to perform the following functions:

- Distributed 271 copies of publications to local and international partners and the general public various publications ranging from Annual Report, Art-I-Facts, NM papers and other publications.
- Maintained 80 books
- Catalogued 36 books
- Indexed 76 periodicals
- News clipped 1,434 articles
- Acquired 98 pieces of various publications through donations
- Bound 4 reports and periodicals
- Restored one piece of art work

A. Audio-Visual Services

During the year in review, at least 61 NM activities were served by MED through its Technical Services Section regarding setting-up and operation of audio-visual system:

Activity Title

1. Flag raising ceremony every Monday of the month
2. First Friday Mass
3. BSP Field Office Cluster Meeting
4. Unveiling of the Portrait of Julieta Abad Rufino donated to NM
5. APEC Business Advisory Council
6. Unveiling of donated Bust of Vicente S. Manansala
7. General Meeting: The Philippine Textile Council (HABI)
8. NM-GAD meeting
9. US-Philippine Congressional Spouses luncheon meeting
10. Opening of Tohoku Exhibit
11. BSP Field Office Cluster Meeting

12. Meeting of Natural Science Divisions and presentation of Arch. Galicia
13. MFPI Lecture Series: Batanes as a Cultural Heritage Site by Arch. A. Villalon
14. START Conference
15. Opening: Baybayin Exhibit
16. Rank and File Employees Association General Assembly
17. First Beato Angelico Visual Arts and Design Conference
18. NM-GAD Committee Activity in celebration of Womens' Month
19. Turn-Over of "Portrait of Mr. Cheng Ban Lee and Mme. So Boan Ty to NM by Mr. Christian Aguilar
20. Turn-over Ceremony: The Bandholtz Medallion by Mrs. Barbara Wood Cook
21. Seminar-Workshop on Baybayin by Dr. T. Obusan
22. Lecture on Sexual Harassment
23. Induction of NMFREA Officers
24. NMFREA Emergency Meeting
25. ZUMBA exercise for NM Employees
26. Video interview by Dir. Barns and Ms. Anna Labrador
27. Lecture: Basic Orientation on Unionism (CSC)
28. NM Cooperative Special General Assembly
29. Seminar/Workshop on ICT-Website
30. Lecture on Biogeography
31. Lecture on Conserving Asian Religious Heritage- Mr. Ephraim Jose and Dr. Nicole Tse
32. Summer Art Workshop by Faber Castell
33. Lecture on Living in Green Walls
34. The Role of Museums in Promoting Good Scientific Research, Encouraging Biodiversity Conservation and presented by Nancy Knowlton
35. Conferment of Sen. E.J. Angara as 2013 Dangal ng Haraya Awardee
36. ICOMOS General Assembly
37. BAC 4th floor (South Wing) of MFP
38. Execom meeting (DOT Project) at Ayala Theater
39. 113th Phil. Civil Service Anniversary
40. Meeting: EXECOM DOT Project (3x)
41. Meeting; NM BAC Pre-Bidding (2x)
42. Re-opening of HIBLA ng Lahing Filipino
43. Collateral lecture on HIBLA: textile exhibit
44. Lecture: CPD in Action by Ms. Raquel D.C. Flores
45. Lecture: Ethno-Medicinal Plants in Baler by Dr. Wilfredo Vendivil
46. Lecture/Seminar: Basic Cooperative Course
47. Managing Museum in Times of Disasters and the Changing Climate by Ms. Fatima Gay Molina
48. Lecture: Career Scientists
49. Meeting: Bids and Awards Committee and ExeCom
50. Opening: PACIFICO, Spain and the Adventure of the South Sea Exhibit
51. Ceremonial Turn-over of Artwork entitled "El Asesinato del Gobernador Bustamante by Felix Resurreccion Hidalgo
52. Lecture on the Exhibition Design of "Pacifico, Spain and the Adventure of the South Sea" by Prof. Antonio Fernandez
53. National Museum Sportsfest
54. National Museum Employees' Day
55. MFPI Lecture Series: Orality
56. Opening: CELEAP Symposium
57. Inauguration of SPPC Hall and Turn-over of Pieta, Virgin with

- Cherubims and 3-Panel Glass Window Painting of C. Amorsolo
 58. Lecture and Opening of the exhibit titled “Anthropometria”
 59. Baybayin Conference
 60. Opening of the exhibit “Rice, Biodiversity and Climate Change”
 61. ASBMD Regional Office staff Seminar-Workshop on Preventive Conservation

B. Photo and Video Documentation

For photo and video documentation, at least 38 NM activities were photo and video documented as follows:

Title of Activity

1. Unveiling of the Portrait of Julieta Abad Rufinodonated to the NM
2. APEC Business Advisory Council
3. Unveiling of donated Bust of Vicente S. Manansala
4. Opening: The Tohoku Exhibit
5. General Meeting: The Philippine Textile Council (HABI)
6. MFPI Lecture Series: Batanes as a Cultural Heritage Site” by Arch. Villalon
7. First Beato Angelico Visual Arts and Design Conference
8. START Conference
9. Turn-Over of “Portrait of Mr. Cheng Ban Lee and Mme. So Boan Ty
by Mr. Christian Aguilar to the National Museum
10. Turn-over Ceremony: The Bandholtz Medallion by Mrs. Barbara Wood Cook 11.
Seminar-Workshop on Baybayin by Dr. T. Obusan
12. Lecture: Basic Orientation on Unionism (CSC)
13. Lecture on Conserving Asian Religious Heritage by
Mr. Ephraim Jose and Nicole Tse
14. Summer Art Workshop by Faber Castell
15. Lecture on Living in Green Walls
16. The Role of Museums in Promoting Good ScientificResearch, EncouragingBiodiversity
Conservation and presented by Nancy Knowlton
17. Conferment of Sen. E.J. Angara as 2013 Dangal ng HarayaAwardee
18. BenCab Donation
- 19.Mixing Colors, Making History (NAG)
- 20.Basi Revolt
21. Exhibit Opening: Escultor ng Lahing Filipino:
Life and Works of GuillermoTolentino
- 22.Collateral lecture on textile
23. Tampinco Exhibit
- 24.Rizal Exhibit
25. Lecture: CPD in Action by Ms. Raquel D.C. Flores
- 26.Lecture: Ethno-Medicinal Plants in Baler byDr. Wilfredo Vendivil
27. Managing Museum in Times of Disasters and theChanging Climate
- 28.Opening: PACIFICO, Spain and the Adventureof theSouth Sea Exhibit
- 29.Lecture on the Exhibition Design of “Pacifico,
Spain and the Adventure of theSouth Sea”
- 30.National Museum Sportsfest
31. War Times
32. Modern Artists
33. Hibla ng Lahing Filipino
- 34.MFPI Lecture Series: Orality
35. Opening: CELEAP Symposium
36. Opening and Lecture of Anthropometria

- 37. Baybayin Conference
- 38. Opening: Rice Exhibit

C. Video-Photofile Management

- sorted/identified 2,530 activity photos for storage/burning
- edited 1,329 pieces of photos

D. Maintenance of Equipment

- maintained 32 types of AV equipment

E. Consultative/Technical Assistance

MED also provided information services to public queries through email, phone and personal communication and disseminated cultural and scientific knowledge through interview, thesis advising and consultative/technical assistance. A total of 66 institutions/ individuals were served through the program.

3. Apprenticeship Services

<u>School</u>	<u>No. of OJTs</u>
1. Our Lady of Fatima-Antipolo & Valenzuela	14 students
2. De La Salle University-Dasmariñas	9
3. International School of Asia and the Pacific	19
4. Lyceum of the Philippines University	11
5. St. Mary's School of Meycauayan	<u>2</u>
Total	55 students

4. General Administrative Services

Under administrative functions, the following outputs were produced by MED in 2013:

- 204 incoming documents recorded
- 543 outgoing documents released
- 299 documents filed
- 969 schools were reserved for museum visits
- 92 inquiries in person, 954 via phone received and entertained

5. Personnel Development

Trainings, seminars attended by MED staff in 2013:

- Lecture on Philippine Traditional Textiles and Indigenous Knowledge
Participant: Elenita D.V. Alba
Melchor L. Lagartija
- Conflict Management Seminar
Participant: Elenita D.V. Alba
- Strategic Planning Seminar
Participant: Elenita D.V. Alba
- Basic Orientation Seminar on Unionism
Participants: all MED staff
- Basic Cooperative Course
Participants: Elenita D.V. Alba
Teresita Tolosa
Rizza Salterio

- Baybayin Seminar-Workshop
Participant: Elenita D.V. Alba
- Basic Principle on Public Sector Unionism
Participants: all MED staff
- Evolution and Phylogeography of Birds and Butterflies in SEA
Participant: Elenita D.V. Alba
- ICOM Forum 2013
Participant: ElenitaD.V. Alba
- Role of Museums in Promoting Science to the Public
Participant: Elenita D.V. Alba
- Art and Literature of Modern Art
Participant: Elenita D.V. Alba

Planetarium

Regular Planetarium Program:

The regular planetarium shows, "Journey to the Solar System" and "Starry Starry Night", which runs from Tuesday to Saturday continue to attract countless number of visitors coming from different schools in Metro Manila and nearby provinces. With a total of 32,011 viewers, the show generated an income of P 839,780.00.

Astronomical Exhibition:

Aside from the regular planetarium shows, the permanent astronomical exhibits in the octagonal hall have also attracted a large crowd of students as well as astronomy enthusiasts. The main features are the paintings of the Filipino Myths and Beliefs in Astronomy, the dioramas of the Solar System, Major Constellations, and Space Explorers among others. A total of 4,289 viewers were able to see the exhibits for free.

Outreach Activities:

This year, 2013, the Mobile Planetarium of the division has undertaken only one out-of-town field lectures and stargazing sessions to the elementary level of Roosevelt College Marikina. The Mobile Planetarium was able to serve a total of 380 students with an income of P4,000.00 as service fee.

Special Activities and other Related Activities:

To disseminate astronomical knowledge effectively, different activities were delivered by the division, to wit:

1. In celebration of the **2013 National Astronomy Week**, the Planetarium Division and the Astronomical League of the Philippines, Inc. (ALP) joined together to celebrate the said event from February 17-23, 2013. Activities includes:
 - a) The hosting of the **5th Philippine Astronomy Convention** of the ALP. This convention aims to raise public awareness and promotion of astronomy and science literacy to our Filipino youth and community.
 - b) **Stargazing.** The planetarium staff together with the members of the ALP conducted a free stargazing activities to the promenaders of Baywalk, Roxas Blvd., Malate, Manila from 6:00pm to 10:30pm. Viewers were able to see planet Saturn and other deep sky objects using different types of telescopes provided by the division and the ALP.

2. On March 12, 2013, Planetarium staff with the ALP conducted observation on the occurrence of **Comet Pan-STARRS** at the View Deck of Oceanarium, Manila. But due to cloudy weather, we were not able to see and document the said comet.
3. Conducted free public solar viewing called "SUNday" in celebration of the Global Astronomy Month SUNday at BaywalkRoxas Blvd. Malate, Manila on April 7, 2013 from 4:00pm to 7:30pm
4. Hosted storytelling activities for the 66 children of Intramuros sponsored by the Gig and Amazing Sampaguita Foundation, Inc. (GASFI) on May 25, 2013 in celebration of National Heritage Month and International Museum Day. A free planetarium show was also given to the said visitors.
5. In celebration of the 38th anniversary of the division, the Planetarium once again invited two schools in Metro Manila to be part of the celebrations. Selected students and teachers of State Fields School, Inc., in Cavite and St. Mary's College, Quezon City were given a storytelling entitled, "**The Downfall**", and a free planetarium show last October 8, 2013. School supplies and Star Maps were also distributed to the students and teachers of the said schools as simple token to their visit to the Planetarium.
6. Attended and participated to the celebration of 2013 World Space Week spearheaded by DOST-SEI at Ocean Park, Manila and GK, Enchanted Farm, Angat, Bulacan on October 4, and October 9, 2013, respectively by conducting free stargazing activities. An approximate of 300 viewers were able to join the said stargazing on both place.
7. In celebration of Museums and Galleries Month, 49 kids from BASECO, Tondo were given a free planetarium show in cooperation with GASFI Foundation on October 19, 2013.
8. Other educational services of the Planetarium included assistance to the students conducting research in basic astronomy, planetarium education, and planetarium architectural designs. Other related activities are the hosting of the monthly meeting of the Astronomical League of the Philippines, Inc. (ALP), Philippine Astronomical Society (PAS), and other astronomical societies.

Staff Development:

For professional growth and development of the staff, the following seminars, trainings, lectures and exhibits in various fields were attended:

- 1) Opening of Exhibit Ceremony, entitled, "Tohoku Through the Eyes of Japanese Photographers"
Date: January 29, 2013
Venue: Gallery XVIII, National Art Gallery, National Museum
Attendee: - Ms. Ma. Belen V. Pabunan
- 2) Opening Ceremonies of 2013 National Astronomy Week
Date: February 17, 2013
Venue: NM Planetarium Bldg
Attended by: - Ms. Ma. Belen V. Pabunan
 - All Planetarium staff
- 3) 5th Philippine Astronomy Convention
Date: February 17, 2013
Venue: NM Planetarium Bldg
Attended by: - All Planetarium staff

- 4) 3-Day Live-In Seminar-Workshop on Gender Sensitivity Training++
Date: February 19-21, 2013
Venue: Riverview Resort and Conference Center, Calamba City, Laguna
Participants: - Ms. Ma. Belen V. Pabunan
 - Ms. Liza B. Quitlong
- 5) Opening Ceremony of 2013 International Women's Month and its activities
Date: March 4, 2013
Venue: National Museum
Attended by: - Ms. Ma. Belen V. Pabunan
 - Ms. Liza B. Quitlong
 - Ms. Mary Ann P. Ramirez
- 6) The "Unveiling of Donated Portrait of Mr. Cheng Ban Lee and Mme. So Boan Ty" by Federico Aguilar-Alcuaz (1932-2011)
Date: March 6, 2013 / 4:00pm
Venue: Gallery XXII, 3/F National Art Gallery, National Museum
Attended by: - Ms. Ma. Belen V. Pabunan
- 7) Seminar-Workshop on Baybayin, conducted by Dr. Teresita Obusan of Bahay Nakpil
Date: March 20, 2013
Venue: Reception Hall, NAG Building, NM
Participant: -Ms. Ma. Belen V. Pabunan
 - Ms. Liza B. Quitlong
- 8) Consultation Meeting with NCCA Affiliated Cultural Agencies hosted by Cultural Center of the Philippines (CCP) concerning Arts Education Program
Date: March 21, 2013
Venue: CCP, Pasay City
Attended by: - Ms. Ma. Belen V. Pabunan
- 9) Lecture on "Basic Principles of Public Sector Unionism"
Date: April 30, 2013
Venue: Reception Hall, National Art Gallery, National Museum
Attended by: - Ms. Liza B. Quitlong
 - Mr. Cornelio C. Lagda
 - Ms. Judy Carla G. Cruz
- 10) "Workshop on Building a Digital Engagement Strategy"
Date: May 21, 2013
Venue: 4/F Board Room, National Museum
Attended by: - Ms. Liza B. Quitlong
- 11) Lecture and a Round Table Discussion on "the Role of the Museums in Promoting Good Scientific Research, Encouraging Biodiversity Conservation and Presenting Science to General Public" with Dr. Nancy Knowlton from Smithsonian Institute, National Museum of Natural History, USA, as guest speaker
Date: June 19, 2013 / 2:00pm 3:00pm
Venue: Marble Hall, National Museum of the Filipino People, NM
Attended by: - Ms. Ma. Belen V. Pabunan

- 12) Unveiling of Mr. Ben Cabrera Painting to be Turned Over to the National Museum as Gift to the Nation
Date: June 26, 2013 / 6:00pm
Venue: Museum Foundation Hall, 2/F, National Art Gallery, NM
Attended by: - Ms. Ma. Belen V. Pabunan
- 13) Training on "Coach and Grow"
Date: September 11-12, 2013
Venue: Civil Service Institute (CSI), Civil Service Commission (CSC), Diliman, Quezon City
Participant: - Ms. Ma. Belen V. Pabunan
- 14) "Basic Cooperative Course Seminar"
Date: October 10 & 11, 2013
Venue: Reception Hall, NAG, NM
Attended by: - Ms. Mary Ann P. Ramirez
- 15) Opening of Exhibits/Inauguration of "Pacífico Spain and the Adventure of the South Sea"
Date: October 29, 2013
Venue: Main Lobby and Senate Session Hall, NAG Bldg., NM
Attended by: - Ms. Ma. Belen V. Pabunan
- 16) Gender and Development (GAD) Activities "Walk for Violence Against Women"
Date: November 24, 2013
Venue: CCP, Roxas Blvd., Manila
Attended by: - Ms. Ma. Belen V. Pabunan
- Ms. Liza B. Quitlong
- Ms. Judy G. Carla Cruz
- Mr. Maximo C. Zabanal
- 17) Opening of Rice Exhibit
Date: December 17, 2013
Venue: 4/F Tambunting Hall, MFP, NM
Attended by: - Ms. Ma. Belen V. Pabunan
- Ms. Liza B. Quitlong
- 18) Observed and conducted public viewing of Comet PAN-STARRS at the View Deck of Oceanarium, Manila

Summary of Other Activities:

1. Administrative Services:
 - a) Prepared official communications
 - b) Prepared division's reports
 - c) Coordinated with different schools and travel tours regarding the services of the Mobile Planetarium as our outreach programs.
2. Sales:
 - a) Accepted bookings/reservations for planetarium shows
 - b) Prepared sales report and remitted to the NM Cashier Section
3. Maintenance and Technical Services
 - a) Maintenance and operations of air-conditioning units

- b) Maintenance of electrical and electronic equipment
 - c) Maintenance of GM-15 Star Projector
 - d) Repair and maintenance of auditorium seats
 - e) Rehabilitation and improvement of planetarium offices
 - f) Renovation and conversion of one office room to Astronomical Library
 - g) Replacement of new auditorium curtain
4. Artists Activities
- a) Maintenance of planetarium exhibits and other artworks
 - b) Maintenance of Mobile Planetarium equipment

2013 SUMMARY OF PLANETARIUM VISITORS

2013	REGULAR PLANETARIUM SHOWS						EXHIBITS ONLY (FREE ADMISSION)					OUTREACH ACTIVITIES			TOTAL NO. OF VISITORS	TOTAL INCOME (REGULAR SHOWS)
MONTH	TOTAL NUMBER OF :						NO. OF STUDENTS		NO. OF ADULTS			MOBILE PLANETARIUM	ASTRO. OBSERVATIONS	TECHNICAL SERVICES		
	Group	Show	Students (P30.00)	Adults (P50.00)	Sr. Ctn (P40.00)	Teacher (Free)	Local	Foreign	Local	Foreign	Sr. Ctn.					
JANUARY	42	33	4,260	1,041	0	286	94	0	87	19	0			15	5,802	P 179,850.00
FEBRUARY	64	47	4,692	1,276	0	349	144	0	65	6	5		500	30	7,067	204,560.00
MARCH	19	17	1,409	338	0	112	84	3	50	9	0			20	2,025	59,170.00
APRIL	4	4	152	52	3	0	117	2	185	13	2		150	15	691	7,280.00
*MAY	10	15	616	93	2	0	226	0	271	6	1			66	1,281	16,860.00
*JUNE	3	6	158	63	0	0	119	0	121	7	1			10	479	5,710.00
JULY	6	6	369	147	0	0	101	0	81	1	1			15	715	18,420.00
AUGUST	9	9	559	2	0	0	138	0	91	7	10			12	819	16,870.00
SEPTEMBER	20	18	2,193	476	0	133	252	0	141	6	0	380		10	3,591	89,590.00
**OCTOBER	62	41	3,647	1,583	28	273	696	4	457	20	4		200	60	6,972	FREE
NOVEMBER	30	26	2,952	1,007	3	281	308	7	80	5	8			30	4,681	139,030.00
DECEMBER	23	25	3,008	244	0	204	132	3	96	2	1			40	3,730	102,440.00
TOTALS	292	247	24,015	6,322	36	1,638	2,411	19	1,725	101	13	380	850	323	37,853	P 839,780.00

Archaeological Sites and Branch Museums Divisions

EXHIBIT DEVELOPMENT

1) Installation of new exhibits at Butuan branch museum

With the completion of the renovation of the NM Butuan Branch Museum, the ASBMD spearheaded the setting of exhibits at NM Butuan Branch Museum in coordination with other divisions of the National Museum such as the Anthropology and Archaeology divisions and the Office of the Director. Two galleries were opened to the public on December 12, 2013. Said galleries featured ethnographic and archaeological materials from the area. The ethnographic materials showed the cultural practices of the major ethnolinguistic group in Butuan; the Higaonon Manobo and the Butuanon who also refer to themselves as Lapaknon Manobo. The exhibited archaeological materials, on the other hand, comprised the excavated archaeological materials from Butuan which include gold ornaments; Chinese porcelains; and declared National Cultural Treasure – the Butuan boat.

2) Upgrading of exhibits at Bohol

“Asin tibuok; walay sama sa Bohol” (Uniquely Bohol) launched on July 23, 2013 at NM Bohol. A special introduction of the vanishing salt-making of Bohol. Significant donated

collections related to salt-making were displayed during the event including salt finished products.

TECHNICAL ASSISTANCE

Technical assistance was provided to the Palawan Municipal Museum exhibit enhancement. Works extended are improvement of panels; showcases; lightings; captions; and pedestals.

INFRASTRUCTURE DEVELOPMENT (IN COORDINATION WITH RED OR DONE BY ASBMD)

1. Renovation of Butuan branch museum;
2. Ongoing repair of Zamboanga branch museum;
3. Minor repair made of Angono-Binangonan branch; and
4. Minor repair of NM Boac branch.

PERSONNEL DEVELOPMENT AND SEMINARS CONDUCTED

- 3) Branch OICs attended the Seminar-Workshop on Administrative Concerns and Heritage Sites Management on October 23 to 30, 2013 conducted by the National Museum.
- 4) A three-day seminar-workshop titled "Reviving the Legacy of the Butuan boat; a Seminar-workshop on Heritage Conservation on November 12 to 14, 2013 funded by the National Commission on the Culture and the Arts (NCCA) and the National Museum in coordination with the local government of Butuan City. This activity was attended by LGU personnel; DepEd; NM personnel; Tourism personnel; PNP; Butuan Heritage Foundation; DENR; local officials; local universities and colleges; and other stakeholders.
- 5) Branch OICs' and selected personnel attended the Seminar-workshop on preventive conservation of museum collections/objects on December 15 to 21, 2013 conducted by the National Museum.

MAINTENANCE AND PROTECTION OF SITES AND BUILDINGS

- 6) Termite Control for the following branches:
 - NM Cagayan branch
 - NM Butuan branch
 - NM Kiangnan branch
 - NM Bolinao branch
 - NM Boac branch
 - NM Angono-Binangonan branch
 - NM Kabayan branch
- 7) Regular inspection of archaeological sites.

MAINTENANCE OF SPECIMENS

Specimens maintained include those on display and in storage. The usual preventive conservation is done to prevent deterioration of specimens. Likewise, inventory of specimens is conducted for accounting and security purposes. Shown below is the total number of specimens maintained in the branches.

BRANCHES	TOTAL NUMBER OF SPECIMENS MAINTAINED PER BRANCH
Angono-Binangonan	15
Bicol	439
Boac	625
Bohol	595
Bolinao	241
Butuan	14,222
Zamboanga	1,906
Jolo	637
Kabayan	123
Kiangan	209
Magsingal	205
Cebu	720
P. Burgos House	50
Peñablanca Field Station, Cagayan	500
Quezon, Palawan	297
TOTAL NUMBER OF SPECIMENS MAINTAINED FOR THE YEAR 2013	
20,234	

NUMBER OF VISITORS FOR 2013 Branches

BRANCH	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
Angono	698	1,995	774	816	280	263	910	1,219	1,534	1791	3508	910	14,698
Bicol	2,696	4,778	1,006	72	50	5,651	17,988	4,995	7,603	6803	6255	3,931	61,828
Boac	92	117	762	246	235	83	66	103	109	1333	103	107	3,356
Bohol	953	988	902	790	850	822	782	612	782	425	302	378	8,586

Bolinao	65	566	1	Temporarily closed			Temporarily closed						632
Butuan (BRM)	121	829	594	1,027	812	702	1,053	833	891	4037	946	1,357	13,202
Butuan (BSM)	494	893	396	414	526	275	443	467	760	1072	240	244	6,224
Zamboanga	330	293	297	456	277	227	258	456	64	108	126	180	3,072
Jolo	200	379	485	213	280	142	194	363	192	1288	226	420	4,382
Kabayan	199	210	201	272	193	61	68	23	43	121	93	263	1,747
Kiangan	305	208	194	280	623	236	280	162	123	655	257	211	3,534
Magsinlal	98	107	83	154	159	52	116	40	44	178	51	81	1,163
Cebu	3,369	5,228	4,240	3,081	2,895	1,900	2,664	2,942	4,177	1509	Temporarily Closed		32,005
P. Burgos House	836	temp. closed	2,186	6,008	6,140	2,610	2,181	2,936	2,370	5838	2491	4246	37,842
Quezon / Palawan	445	493	344	515	332	253	283	214	323	397	168	283	4,050
Tabon Cave Complex	474	494	441	469	554	160	245	238	291	146	150	207	3,869
TOTAL	11,375	17,578	12,906	14,813	14,206	13,437	27,531	15,603	19,306	25,701	14,916	12,818	200,190

Chemistry and Conservation Laboratory Division

The Chemistry and Conservation Laboratory Division underlined and directed on the Conservation and Restoration of Art Collection, Ethnographic and Archaeological Collections. Preservation of colonial Churches of the Philippines declared as National Cultural Treasures and Conservation of Archaeological Site/materials were also conducted.

Seminars, Conferences, Trainings attended:

1. START Seminar 2013 – UST Manila

Technical Assistance/ Lectures / Information Dissemination

1. Information Dissemination:
 - 6 -UST Students College of Fine Arts
 - 5 -INC Museum Personnel
2. Technical Assistance -
 - 2- delivery of painting replica to Ms.Chokley
 - 35-City Hall Botong Francisco Mural
3. Technical Assistance -
 - 10 - San Agustin Church
 - 15 - NCCA
4. Technical Assistance -
 - 5 -Conservation and Restoration of HR Ocampo Painting
 - 12 - Conservation and Restoration of Manuel Rodriguez Painting
5. Technical Assistance -
 - 5 - Selected Juan Luna Painting

	-	6 -Unveiling of painting from Rufino Family
	-	5 -Unveiling of Manansala Bust
	-	3- Tohoku Exhibition
	-	Preparation of Proposal of Monti Sculptures and Supervision & Exhibition
6. Technical Assistance	-	4 - Transfer of Bencab Painting to National Museum & Exhibition
		2 - Assessment of 12 G. Tolentino drawings at the Tantoco Residence
		4 -Conservation/Restoration of Amorsolo Painting (Under the Mango Tree) GSIS Collection
	-	3 - Scanning of 14 Basi Revolt painting and 4 Manansala Paintings
	-	5- Hibla Exhibition
	-	5 -Metropolitan Museum (Felix R. Hidalgo Paintings (2) pcs.
		Human Hair Embroidery Artwork 4 pcs.
	-	Bangko Sentral ng Pilipinas
7. Lecture		Butuan City (Preservation of Balanghay
	-	Lecture of two (2) Vietnamese Conservator
		Re: Traditional Textiles and Indigenous Knowledge Workshop
8. Technical Assistance	-	Nicole Tse assessment and physical examination of the Basi Revolt
9. Technical Assistance	-	4 - Cortez Church Ayuntamiento
10. Technical Assistance	-	Old Books of MED Collections – 2 pcs.
11. Technical Assistance	-	Tampingco Collection for Salas Family
12. Technical Assistance	-	Procurement of laboratory equipment for National Museum
13. Technical Assistance	-	Bohol Heritage Task Force
	-	Spanish Exhibition at the Senate Hall
	-	Mexican Exhibit (Masks)
	-	Guillermo Tolentino
	-	Pallete Exhibition

G. Object Conserved/Restored

Copper Rings	-	85
Ritual Boxes (Tingab)	-	2
Back Shop Weaving Set	-	9
Votive Pigs	-	2
Brass Gong	-	1

Animal Horn	-	1
Backstrap and wooden loom – Statue		7
Textiles	-	108
Waterlogged woods	-	6
Leather Shoes	-	1
Restoration of Exhibited Textiles	-	2
Tampingco Collections	-	20
Banton Cloth	-	1
Ivory Object	-	6

Restoration and Engineering Division

Technical Assistance for NCT and ICT

Assisted in the retrieval, clearing and recovery works in **Bohol Churches** affected by the 7.2 magnitude earthquake on October 2013.

- Loon Church
- Loboc Church
- Maribojoc Church
- Baclayon church
- Dauis Church
- Punta Cruz watchtower
- Loay Church
- Panglao Church and Watchtower
- Kapitolyo (Tagbilaran City) Building

Sta. Monica Church, Pan-ay, Capiz

- a. Made an ocular inspection and assessed damages of the church due to typhoon Yolanda.

ARCHITECTURAL CONSERVATION, RENOVATION AND CONSTRUCTION SERVICES

A. Implementation of Capital Outlay Projects (2012-2013)

a. *Old Legislative building: Renovation of Gallery XI for Conversion into SPPC Hall*

- The Society for the Preservation of the Philippine Culture (SPPC) sponsored the renovation of Gallery XI which was converted into SPPC Hall. The construction was implemented by 401 Development & Construction through Negotiated Contract in the amount of P1,749,305.09. Work commenced on December 3, 2012 and was 100% completed on February 25, 2013.

b. *Retrofit of Butuan Branch Museum (Butuan, Agusan del Norte)*

- Construction phase was implemented by SCP Construction with an original contract amount of P3,419,736.09 for 120 calendar days which commenced on December 14, 2012. However, the project was completed on June 10, 2013, with a revised date of completion on June 10, 2013 and a revised contract amount of P3,761,383.01.

c. *Retrofit of Fort Pilar, Zamboanga Branch Museum(Zamboanga, Zamboanga Sibugay) Phase 1*

- Construction phase was implemented by FJ Construction and Enterprises with an original contract amount of P6,583,150.10. Work commenced on December 17, 2012 for 120 calendar days which commenced on December 14, 2012. However, the project was completed on July 19, 2013, with a revised date of completion on July 24, 2013 and a revised contract amount of P7,198,446.10.
- d. *Retrofit of Padre Burgos House, Vigan, Ilocos Sur.***
 - Construction phase was implemented by 739 Builders General Constructor with a contract amount of P1,409,299.24 for 60 calendar days. Work commenced on December 28, 2012 and was completed on February 25, 2013.
- e. *NM Batanes Extension Office and Research Center Museum (Uyugan, Batanes)***
 - Construction Phase was implemented by administration by DPWH Batanes. The project was 86.39% as of December 30, 2013 with an approved Budget amount of P24,917,305.72
- f. *Renovation of the Public Toilets at the 2nd floor of NAG building.***
 - Construction phase was implemented by Lake City Builders with a contract amount of P738,359.82 for 60 calendar days. Work commenced on August 6, 2013 and was completed on December 17, 2013 with a revised amount of P789,736.58.
- B. Repair and Maintenance Works**
 - a. *Repair of Kiangnan Branch Museum*** -repainting of steel windows & grills, replacement of ceiling, repainting of steel accordion gate, construction of base of overhead tank, construction of concrete ramp for PWD, demolished existing CR, construction of new CR, and repainting of interior wall at the ground floor
 - b. *Retrofitting of Palawan Branch Museum existing storage and laboratory*** – the existing storage and staff quarter were converted into storage and laboratory to give more space for the increasing Archaeology collections.
 - c. *Repair of Planetarium Office for Conversion into Library***
 - d. *Building Repairs, Maintenance and Operations: Museum Facilities***
Planned, executed, directed and/or supervised through a team of the Division Architects, Engineers, researchers, and technicians, maintenance and /or repairs of the building systems and electro – mechanical facilities in the areas as follows:
 - Old Congress Building/NAG:
 - a. Function Rooms (Session Hall, Reception Hall, Osmeña Hall)
 - b. Common areas and Grounds
 - c. Galleries and Collection Storage
 - d. Offices
 - e. Fire detection and Security System
 - f. Electrical system and communication system
 - g. Mechanical equipment and Air conditioning system
 - h. Water supply and Plumbing system
 - i. Generators

Museum of the Filipino Building:

- a. Function Rooms (Session Hall, Reception Hall, Osmeña Hall)
- b. Common areas and Grounds
- c. Galleries and Collection Storage
- d. Fire detection and Security System

- e. Electrical system
- f. Mechanical equipment and Air conditioning system
- g. Water supply and Plumbing system

ARCHITECTURAL DESIGN AND PROJECT IMPLEMENTATION SERVICES

Planned, executed, directed, organized, checked, signed and/or supervised the architectural Design and Project Implementation Services concerning the following CO 2012 Projects:

1. *Enhancement of Old Congress Building (Common Areas, Galleries and Annex Buildings)*

- Architectural design services and bidding documents were completed on May 2013. The project was commenced on August 1, 2013 with an original contract amount of Php84,186,188.08. The project is 31.86% as of December 2013. The construction is being implemented by joint venture of 401 Development and Construction Corporation and JD Legaspi Construction.

2. *Site Development of Old Legislative Building and Old Finance Building Grounds*

- Architectural design services and bidding documents were completed on May 2013. The project was commenced on July 24, 2013 with an original contract amount of Php18,142,888.21. The project is 65.66% as of December 2013. The construction is being implemented by 401 Development and Construction Corporation.

3. *Adaptive Re-use and Retrofit of the Old DOT Building to be known as the National Museum of Natural History*

- Architectural services and bidding documents were completed on October 2013. The project was commenced December 9, 2013 with an original contract amount Php 418,888,888.88. The construction is being implemented by JBros Construction in joint venture with JD Legaspi Construction.

4. *Upgrading and Expansion of Zamboanga National Museum*

- Architectural services and bidding documents were completed on June 2013. The project was commenced on August 20, 2013 with an original contract amount Php 14,257,918.08. The project is 60% as of December 2013. The construction is being implemented by FJ Construction & Enterprises.

5. *Rehabilitation of Vigan Branch Museum*

- Architectural services and bidding documents were completed on September 2013. The project was commenced on October 8, 2013 with an original contract amount of Php 45,455,279.12. The project is 15% as of December 2013. The construction is being implemented by JS Lim Construction.

6. *Supply and Installation of New Security Surveillance System for the*

National Museum Buildings (Old Legislative, Old Finance, Planetarium, Fort Pilar and Butuan Branch Museum)

- Layout plans of new cctv services and bidding documents were Completed on August 2013. The project was commenced on October 28 2013 with an original contract amount to Php 36,882,793.92. The project is 45% as of December 2013. The installation is being implemented by Cylix Technologies.

7. Continuation Construction of National Museum Batanes Extension Office and Research Center (Phase II)

- Signing of Memorandum of Agreement for the continuation of construction of National Museum Batanes Extension Office and Research Center (Phase II) executed on December 18,2013, amounting to Fifteen Million Pesos Only (Php 15,000,000.00). By administration of DPWH-Batanes

8. Negotiated Contracts

a. Repair of NM Complex

- Construction phase was implemented by 401 Development & Construction Corporation and JD Legaspi Construction with a contract amount 5,007,279.51 for 90 calendar days. Work commenced on December 31,2013.

b. Upgrading of electrical Distribution System

- Construction phase was implemented by 401 Development & Construction Corporation with a contract amount 17,640,735.50 for 90 calendar days. Work commenced on December 27, 2013.

c. Adaptive Re-use of DOT Mechanical & Power House

- Construction phase was implemented by Jbros Construction in Joint Venture with JD Legaspi Construction with a contract Amount 418,888,888.88. Work commenced on December 09, 2013.

BUILDING MAINTENANCE AND OPERATIONS OF THE MECHANICAL EQUIPMENT & AIRCONDITIONING SYSTEM

- The division supervised and implemented the maintenance of air-Conditioning system at the Old Legislative Building, Old Finance Building and Planetarium. The maintenance contractor TORK Philippine provided services for the maintenance of 160 air-conditioning units from January to December 2013
- Supervised and implemented the maintenance of elevators of the Old Legislative and Old Finance Building . The maintenance contractor Hitachi, IEEI and Fujitec provided services from January to December 2013

ARCHITECTURAL RESEARCH / REPORT

- Terminal Report / Documentation (by Archt. G. Uy) on the

Training / Seminars/ Workshops / Convention attended

- Attended Conference on Cultural Mapping on November 4 & 5, 2013
UST (Norberto Tolentino)
- ASEAN Project Proposal writing workshop (Arch. Geraldine Uy)

Administrative Division

Financial Statement

Comparative Detailed Balance Sheet

As of December 31, 2013

(With Comparative Figures for CY 2012)

ASSETS

<i>Current Assets</i>	<u>2013</u>	<u>2012</u>
<i>Cash (Note 4)</i>		
Cash -Collecting Officers	P 133,024.29	P 93,197.29
Petty Cash Fund	344,472.80	440,047.22
Cash Payroll Fund	(4,000.00)	(4,000.00)
Cash in Bank Local Currency, Current Account	<u>789,882,764.17</u>	<u>347,241,363.29</u>
<i>Total Cash</i>	P <u>790,356,261.26</u>	P <u>347,770,607.80</u>
<i>Receivables (Note 5)</i>		
Due from Officers and Employees	P 751,901.89	P 751,901.89
Due from National Treasury	15,338,672.70	14,600,933.70
Due from NGAs	36,237,788.08	958,599.98
Due from LGUs	6,935,587.27	35,777,615.69
Disallowances/Charges	126,893.49	79,076.18
Advances to Officers and Employees	7,641,019.21	2,925,469.35

<i>Total Receivables</i>	P	<u>67,031,862.64</u>	P	<u>55,093,596.79</u>
<i>Inventories (Note 6)</i>				
Merchandise Inventory	P	351,576.18	P	351,576.18
Office Supplies Inventory		1,006,705.24		1,223,694.43
Accountable Forms Inventory		<u>1,500.00</u>		<u>1,500.00</u>
<i>Total Inventories</i>	P	<u>1,359,781.42</u>	P	<u>1,576,770.61</u>
<i>Prepayments</i>				
Advances to Contractors (Note 7)	P	110,205,519.93	P	11,463,114.12
Other Prepaid Expenses		<u>117,572.29</u>		<u>117,572.29</u>
<i>Total Prepayments</i>	P	<u>110,323,092.22</u>	P	<u>11,580,686.41</u>
<i>Total Current Assets</i>	P	<u>969,070,997.54</u>	P	<u>416,021,661.61</u>
<i>Property, Plant and Equipment (Note 8)</i>		<u>2013</u>		<u>2012</u>
Land	P	423,331,120.00	P	423,331,120.00
Land Improvements		10,176,000.00		10,176,000.00
Buildings-Office Buildings		1,455,909,977.66		729,682,331.76
Office Equipment		22,199,609.77		10,712,874.97
Furniture and Fixtures		31,207,353.84		22,529,001.63
IT Equipment and Software		18,877,421.96		9,121,306.04
Library Books		427,730.32		205,368.32
Agricultural, Fishery and Forestry Equipment		950.00		950.00
Communication Equipment		25,134,805.09		436,077.10
Construction and Heavy Equipment		153,649.20		97,249.20
Firefighting Equipment and Accessories		621,615.00		384,215.00

Hospital Equipment	2,499.65	2,499.65
Medical,Dental and Laboratory Equipment	2,015,880.25	9,609.75
Military and Police Equipment	585.00	585.00
Sports Equipment	811,825.00	5,625.00
Technical and Scientific Equipment	68,151,154.07	28,482,848.40
Other Machineries and Equipment	12,657,851.66	8,628,482.16
Motor Vehicles	8,152,776.57	3,907,616.57
Watercrafts	144,904.68	46,404.68
Other Property Plant and Equipment	<u>5,476,600.20</u>	<u>4,846,722.00</u>
<i>Total Property, Plant and Equipment</i>	P <u>2,085,454,309.92</u>	P <u>1,252,606,887.23</u>

Less: Accumulated Depreciation	<u>22,264,622.52</u>	<u>19,629,160.69</u>
<i>Property, Plant and Equipment, Net</i>	P <u>2,063,189,687.40</u>	P <u>1,232,977,726.54</u>

Add: Construction in Progress	<u>2,948,533.26</u>	<u>2,948,533.26</u>
<i>Total Property, Plant and Equipment</i>	P <u>2,066,138,220.66</u>	P <u>1,235,926,259.80</u>

Other Assets (Note 9)

Arts, Archaeological Specimen and Other Exhibits	P	193,876,155.64	P	193,871,155.64
Other Assets		<u>5,375.00</u>		<u>5,375.00</u>
<i>Total Other Assets</i>	P	<u>193,881,530.64</u>	P	<u>193,876,530.64</u>
<i>Total Assets</i>	P	<u>3,229,090,748.84</u>	P	<u>1,845,824,452.05</u>

LIABILITIES AND EQUITY

<i>Current Liabilities (Note 10)</i>	<u>2013</u>	<u>2012</u>
Accounts Payable	P 795,551,556.19	P 35,073,878.40
Due to BIR	828,736.39	601,841.83
Due to GSIS	81,145.03	94,618.79
Due to PAG-IBIG	11,672.59	19,392.67
Due to PHILHEALTH	8,772.89	9,147.89
Due to Other NGAs	15,995,004.36	12,919,415.03
Due to LGU's	306,358.15	306,358.15
Performance/Bidders/Bail Bonds Payable	1,932,466.90	1,770,466.90
Tax Refund Payable	424,191.64	444,802.71
Other Payables	2,133,223.35	348,299,058.88
	<hr/>	<hr/>
Total Liabilities	P <u>817,273,127.49</u>	P <u>399,538,981.25</u>
Equity		
Government Equity, Beginning January 1	P 1,446,285,470.80	P 1,368,499,584.91
Adjustments to Beginning Balance (Note 11)	<u>1,196,965.60</u>	<u>(2,063,736.79)</u>
Adjusted Beginning Balance	P <u>1,447,482,436.40</u>	P <u>1,366,435,848.12</u>
Add: Retained Operating Surplus		
Current Operations	P 619,152,156.80	P 70,601,381.91
Adjustments to Current Operations (Note 11)	<u>345,183,028.15</u>	<u>9,248,240.77</u>
Government Equity, Ending December 31	P <u>2,411,817,621.35</u>	P <u>1,446,285,470.80</u>
	<hr/>	<hr/>
Total Liabilities and Equity	P <u><u>3,229,090,748.84</u></u>	P <u><u>1,845,824,452.05</u></u>

Comparative Detailed Statement of Income and Expenses
For the Year Ended December 31, 2013
(With Comparative Figures for CY 2012)

	2013	2012
Income (Note 12)		
Other Service Income	15,247,639.18	-
Subsidy Income from National Government	383,937,357.27	237,237,927.74
Interest Income	378,735.72	-
Share from PAGCOR/PCSO	P 50,000,000.00	P -
Miscellaneous Income	<u>378,412,429.23</u>	<u>32,159.66</u>
Total Income	P <u>827,976,161.40</u>	<u>237,270,087.40</u>

Expenses

Personal Services

Salaries and Wages- Regular Pay	P 60,316,120.18	P 61,026,684.32
Salaries and Wages- Emergency	370,225.00	510,000.17
Personnel Economic Relief Allowance (PERA)	6,166,813.68	6,413,392.12
Additional Compensation (ADCOM)	-	-
Representation Allowance (RA)	1,214,375.00	966,500.00
Transportation Allowance (TA)	1,022,375.00	987,000.00
Clothing Allowance	1,295,000.00	1,348,000.00
Productivity Incentive Benefits	514,000.00	530,000.00
Other Bonuses and Allowances	3,232,000.00	-
Honoraria	65,000.00	22,500.00
Overtime and Night Pay	1,009,525.21	1,046,207.70
Cash Gift	1,325,196.23	1,367,125.00
Year-end Bonus	5,136,665.35	5,412,579.25

Life and Retirement Insurance Contr. (RLIP)	7,284,192.54	7,371,954.61
PAG-IBIG Contributions	287,300.00	323,400.00
PHILHEALTH Contributions	684,503.33	592,972.50
ECC Contributions	311,248.59	319,549.96
Terminal Leave Benefits	1,473,983.23	____ 1,048,509.33
Other Personnel Benefits	<u>3,602,959.12</u>	<u>#</u> 4,446,512.86
<i>Total Personal Services</i>	P <u>95,311,482.46</u>	P

Maintenance and Other Operating Expenses

Travelling Expenses- Local	3,742,090.49	2,635,567.15
Training Expenses	123,500.00	66,550.00
Office Supplies Expense	2,192,605.09	825,969.60
Accountable Forms Expenses	15,239.50	6,300.00
Animal/Zoological Supplies Expense	321,950.00	155,700.00
Food Supplies Expenses	155,260.79	18,168.69
Drugs and Medicine Expenses	500.00	509.55
Medical, Dental and Laboratory Equipment	295,169.00	-
Gasoline, Oil and Lubricants Expense	612,314.56	617,950.41
Textbooks and Instructional Materials Expenses	4,734.68	3,650.00
Agricultural Supplies	-	7,482.00
Other Supplies Expenses	5,116,377.85	2,798,150.92
Water Expenses	3,421,671.34	2,457,961.16
Electricity Expenses	P 38,328,511.51	P 28,225,219.13
Cooking Gas Expenses	1,081.25	-
Postage and Deliveries	96,830.09	98,306.91
Telephone Expenses-Landline		

	752,371.23	605,204.01
Telephone Expenses-Mobile	313,449.00	223,235.00
Telephone Expenses-Internet Expenses	195,343.03	172,337.84
Advertising Expenses	226,612.40	34,608.00
Printing and Binding Expenses	1,088,551.00	272,815.21
Rent Expense	91,720.00	13,180.75
Representation Expenses	336,594.11	67,134.50
Transportation Expenses	101,967.00	117,224.00
Subscription Expenses	22,109.00	23,748.00
Survey Expenses	5,000.00	-
General Services (Note 13)	1,550,630.00	1,698,172.51
Janitorial Services	10,665,422.07	7,971,145.68
Security Services	22,691,074.35	15,102,493.88
Legal Services (Note 13)	590,008.00	135,000.00
Environment/Sanitary Services	500.00	
Other Professional Services	3,393,283.25	523,091.15
Repairs and Maintenance -Office Buildings	11,433,916.01	3,855,385.45
Repairs and Maintenance - Other Structures	-	302,656.35
Repairs and Maintenance - Office Equipment	229,252.40	390,858.00
Repairs and Maintenance - Furniture and Fixtures	15,568.00	-
Repairs and Maintenance - IT Eqpt & Software	190,928.03	-
Repairs and maintenance - Communication Eqpt	2,000.00	-
Repairs and Maintenance - Tech and Scntfic Eqpt	6,609.00	3,200.00
Repairs and Maintenance- Other Mach & Eqpt	81,250.00	148,922.39
Repairs and Maintenance- Motor Vehicles	451,696.40	192,040.55
Repair and Maintenance - Other PPE		-

	456,490.00	
Extraordinary Expenses	20,387.23	38,000.00
Miscellaneous Expenses	73,399.98	42,441.01
Taxes, Duties and Licenses	5,618.12	18,163.29
Fidelity Bond Premiums	215,873.76	222,346.01
Insurance Expense	87,415.32	84,517.22
Depreciation -Office Equipment	441,984.16	245,981.80
Depreciation -Furniture and Fixtures	950,771.98	839,569.64
Depreciation - IT Equipment	723,173.48	518,573.44
Depreciation - Books	585.00	146.25
Depreciation - Agricultural, Fishery and Forestry Eqpt	171.00	171.00
Depreciation - Communication Equipment	6,944.81	-
Depreciation -Hospital Equipment	-	-
Depreciation -Medical, Dental & Lab. Eqpt.	5,485.50	2,464.00
Depreciation -Technical & Scientific Eqt.	188,764.83	133,862.37
Depreciation - Other Machineries and Eqpt.	84,747.77	81,175.19
Depreciation - Motor Vehicles	187,583.40	208,283.40
Depreciation - Watercrafts	1,395.00	1,395.00
Depreciation - Other Property, Plant and Eqpt.	43,260.90	95,812.36
Other Maintenance and Operating Expenses	1,151,179.47	628,700.90
Bank Charges	<u>3,600.00</u>	<u>4,276.00</u>
<i>Total MOOE</i>	P <u>113,512,522.14</u>	P <u>72,935,817.67</u>
<i>Total Expenses</i>	P <u>208,824,004.60</u>	P <u>166,668,705.49</u>
<i>Excess of Income over Expenses</i>	P <u><u>619,152,156.80</u></u>	P <u><u>70,601,381.91</u></u>

Comparative Statement of Cash Flows
For the Year Ended December 31, 2013
(With Comparative Figures for CY 2012)

	<u>2013</u>	<u>2012</u>
Cash Flow from Operating Activities:		
Cash Inflows:		
Receipt of Notice of Cash Allocation (NCA)	P 434,315,286.64	P 236,889,108.53
Collection Burgos House/Other Miscellaneous Income	485,410.00	505,965.00
Collection from Branch Museums	427,420.00	1,133,237.40
Collection Revolving Fund(416)	823,309.43	2,441,329.03
Collections for General Income Fund (GIF)	9,105,008.94	-
Collection from Disallowances/Charges	-	4,308.00
Receipt of Refund of Cash Advance and Overpayment of Expenses	10,702,105.24	11,142,256.55
Adjustments to Cash related to Bank Reconciliation Statement	6,071,479.09	-
From National Gallery Singapore	-	1,999,900.00
Reversal of stale check	90,070.94	2,700.00
Cash Receipts of Grants and Donations	50,000,000.00	83,675,680.00
Total Cash Inflows	P <u>512,020,090.28</u>	P <u>337,794,484.51</u>
Cash Outflows:		
Cash Payment of Operating Expenses	(136,357,276.22)	(130,069,342.47)
Cash Payment of Payables Incurred in Operations	(64,863,090.92)	(14,929,784.19)
Cash Purchase of Equipment, Furnitures, Other PPE	(39,880,451.69)	(1,979,878.41)
Renovation of Art Galleries / Building	(5,043,359.73)	(22,275,133.64)
Advances to Creditors	(81,232,059.79)	(4,745,107.65)
Transfer of Funds to DPWH - Batanes	(6,157,971.58)	(28,842,028.42)
Granting of Cash Advance/Petty Cash Fund	(13,287,251.13)	(8,509,871.88)
Remittance of Withholding Taxes	(828,379.50)	(677,889.98)
Remittance of GSIS/PAG-IBIG/PHILHEALTH Payable		

	(27,856,184.45)	(19,979,965.90)
Remittance of Other Deductions	(4,222,899.52)	(5,109,741.04)
Remittance to BTR (Refund of cash adv, disallow, burgos coll, etc.)	(241,094.17)	(138,407.84)
Dropping of Negative Cash Balance from books	(172,619.30)	-
Reversion of Unused NCA	<u>(66,756,852.38)</u>	<u>(11,333,564.95)</u>
Total Cash Outflows	P <u>(446,899,490.38)</u>	P <u>(248,590,716.37)</u>
	<u>2013</u>	<u>2012</u>
Cash Provided by Operating Activities	P <u>65,120,599.90</u>	P <u>89,203,768.14</u>
Cash Flow from Investing Activities:		
Cash Inflows:		
Receipts from BDO and BPI	377,465,053.56	-
Cash Outflows:		
Investment in Treasury Bills	P <u>-</u>	P <u>-</u>
Net Cash Provided (Used) by Investing Activities	P <u>377,465,053.56</u>	P <u>-</u>
Total Cash Provided by Operating & Investing Activities	P 442,585,653.46	P 89,203,768.14
Add: Cash Balance, January 1, 2012	P <u>347,770,607.80</u>	P <u>258,566,839.66</u>
Cash Balance, December 31, 2012	P <u><u>790,356,261.26</u></u>	P <u><u>347,770,607.80</u></u>

BALANCE SHEET
AS OF DECEMBER 31, 2013

ASSETS

Current Assets		2013
<i>Cash</i>	790,356,261.26	
<i>Receivables</i>	67,031,862.64	
<i>Inventories</i>	1,359,781.42	
<i>Prepaid Expenses</i>	<u>110,323,092.22</u>	969,070,997.54
Property, Plant and Equipment		
<i>Property, Plant and Equipment, net</i>	2,063,189,687.40	
<i>Add: Construction in Progress</i>	<u>2,948,533.26</u>	2,066,138,220.66
Other Assets		<u>193,881,530.64</u>
Total Assets		<u><u>3,229,090,748.84</u></u>

LIABILITIES AND EQUITY

Liabilities	
<i>Current Liabilities</i>	817,273,127.49
Equity	
Government Equity, End	<u>2,411,817,621.35</u>
Total Liabilities and Equity	<u><u>3,229,090,748.84</u></u>

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Condensed Statement of Income and Expenses
For the Year Ended December 31, 2013

2013
827,976,161.40

<i>Personal Services</i>	95,311,482.46	
<i>Maintenace and Other Operating</i>		
<i>Expenses</i>	<u>113,512,522.14</u>	<u>208,824,004.60</u>
		<u>619,152,156.80</u>

STATEMENTS OF EQUITY AS OF DECEMBER 31, 2013

Equity	2013	2012
Government Equity, Beg.	1,446,285,470.80	1,368,499,584.91
Adjustments to Beginning Balance	<u>1,196,965.60</u>	<u>(2,063,736.79)</u>
Adjusted Beginning Balance	<u>1,447,482,436.40</u>	<u>1,366,435,848.12</u>
Add: Retained Operating Surplus		
Current Operations	619,152,156.80	70,601,381.91
Adjustments to Current Operations	<u>345,183,028.15</u>	<u>9,248,240.77</u>
	<u><u>2,411,817,621.35</u></u>	<u><u>1,446,285,470.80</u></u>

*Director's Office together with its Planning and Legal Unit, and the Administrative Division continuously extends its support and assistance to the different research, technical and educational divisions in attaining and fulfilling the Agency's mandates, goals and objectives. In addition, all these accomplishments are better realized through the support and patronage of the **Government, NGOs', patrons and the stakeholders together with public** who constantly show concern and interest in the improvement and development of the repository of our country's cultural heritage. Some major research projects are either fully or partially achieved through support and grants from NGOs, local and foreign institutions, as well as private individuals.*