

INTERNATIONAL HYDROGRAPHIC ORGANIZATION	INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)
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UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Note: The boxes will expand as you fill the form.

Name Proposed:	Bedel Hill	Ocean or Sea:	Philippine Sea
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Geometry that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
		Yes				

* Geometry should be clearly distinguished when providing the coordinates below.

	Lat. (degrees, north)	Long. (degrees, east)
Coordinates:	11° 28' 43.177" N	135° 17' 06.506" E
	11° 29' 03.202" N	135° 17' 32.788" E
	11° 29' 03.202" N	135° 17' 55.316" E
	11° 28' 40.674" N	135° 18' 24.102" E
	11° 28' 19.398" N	135° 18' 35.366" E
	11° 27' 51.864" N	135° 18' 50.384" E
	11° 27' 34.342" N	135° 18' 44.126" E
	11° 26' 55.544" N	135° 18' 30.359" E
	11° 26' 15.495" N	135° 18' 27.856" E
	11° 25' 32.942" N	135° 18' 15.341" E
	11° 25' 14.169" N	135° 17' 52.813" E
	11° 24' 44.132" N	135° 17' 47.807" E
	11° 24' 17.849" N	135° 17' 37.795" E
	11° 23' 44.058" N	135° 17' 34.040" E
	11° 22' 57.750" N	135° 17' 10.261" E
	11° 21' 43.909" N	135° 16' 45.230" E
	11° 21' 21.381" N	135° 16' 30.211" E
	11° 21' 00.105" N	135° 15' 51.413" E
	11° 20' 40.080" N	135° 15' 20.124" E
	11° 20' 36.326" N	135° 15' 05.106" E
	11° 21' 02.608" N	135° 15' 07.609" E
	11° 21' 27.639" N	135° 15' 16.370" E
	11° 22' 15.198" N	135° 15' 27.634" E
	11° 23' 02.757" N	135° 15' 37.646" E
	11° 23' 37.800" N	135° 15' 42.652" E
	11° 24' 15.346" N	135° 15' 43.904" E
	11° 24' 47.887" N	135° 15' 38.898" E
	11° 25' 19.175" N	135° 15' 50.162" E
11° 26' 05.482" N	135° 16' 08.935" E	
11° 26' 43.029" N	135° 16' 16.444" E	
11° 27' 20.575" N	135° 16' 27.708" E	
11° 28' 19.398" N	135° 16' 28.960" E	
11° 28' 43.177" N	135° 17' 06.506" E	

Feature Description:	Maximum Depth :	4200 m	Steepness :	N/A
	Minimum Depth :	4029 m	Shape :	Elongated Shape
	Total Relief :	171 m	Dimension/Size :	16 km x 4.5 km

Associated Features:	This feature is within the Kobayashi Basin and Ridge Province.
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Chart/Map References:	Shown Named on Map/Chart:	None
	Shown Unnamed on Map/Chart:	Japanese bathymetric chart #6728
	Within Area of Map/Chart:	None

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Bedel is the Palauan name for the <i>Macaranga Tanarius</i> tree which is found throughout Palau.
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Discovery Facts:	Discovery Date:	Dec 2001
	Discoverer (Individual, Ship):	R/V Mirai (JAMSTEC)

Supporting Survey Data, including Track Controls:	Date of Survey:	Dec 2001, Aug. - Sep. 2005
	Survey Ship:	R/V Mirai (JAMSTEC)
	Sounding Equipment:	Multibeam echo sounder Seabeam 2112
	Type of Navigation:	GPS without Selective Availability
	Estimated Horizontal Accuracy (nm):	0.014 nm (26 m)
	Survey Track Spacing:	6 nm
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	David K. Idip, Jr. and Takamatsu Emesiochel
	Date:	June 05, 2019
	E-mail:	davididip@gmail.com
	Organization and Address:	Territory and Boundary Task Force, Office of the President, Republic of Palau
	Concurrer (name, e-mail, organization and address):	

Remarks:	We used GMT and GeoMapApp software to visualize the bathymetric data. QGIS and ArcMap were the preferred GIS software.
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NOTE : This form should be forwarded, when completed :

- a) **If the undersea feature is located inside the external limit of the territorial sea :-**
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);
- b) **If at least 50 % of the undersea feature is located outside the external limits of the territorial sea :-**
to the IHB or to the IOC, at the following addresses :

International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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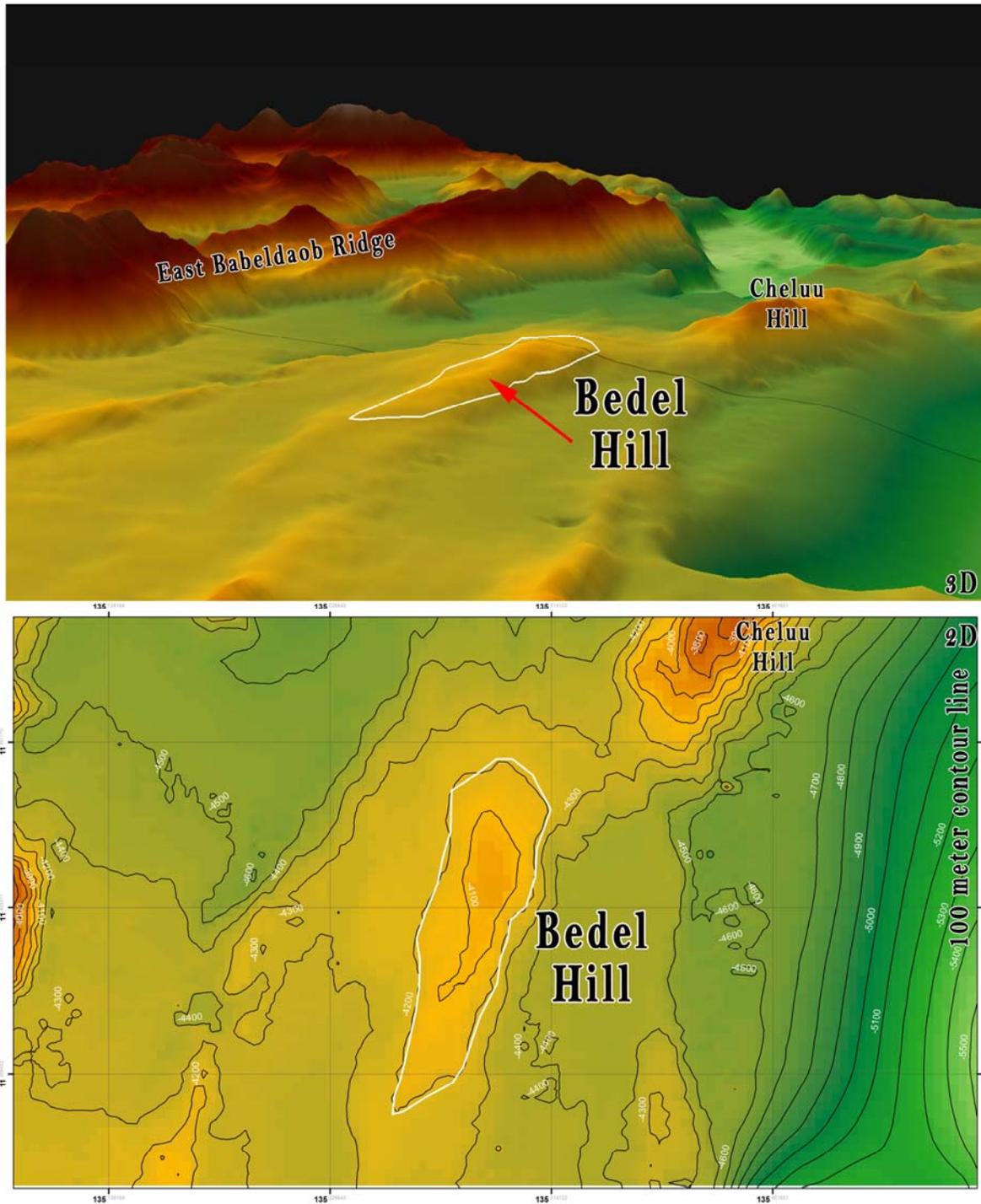


Fig. 1. Bathymetric 3D image of Bedel Hill and its vicinity.

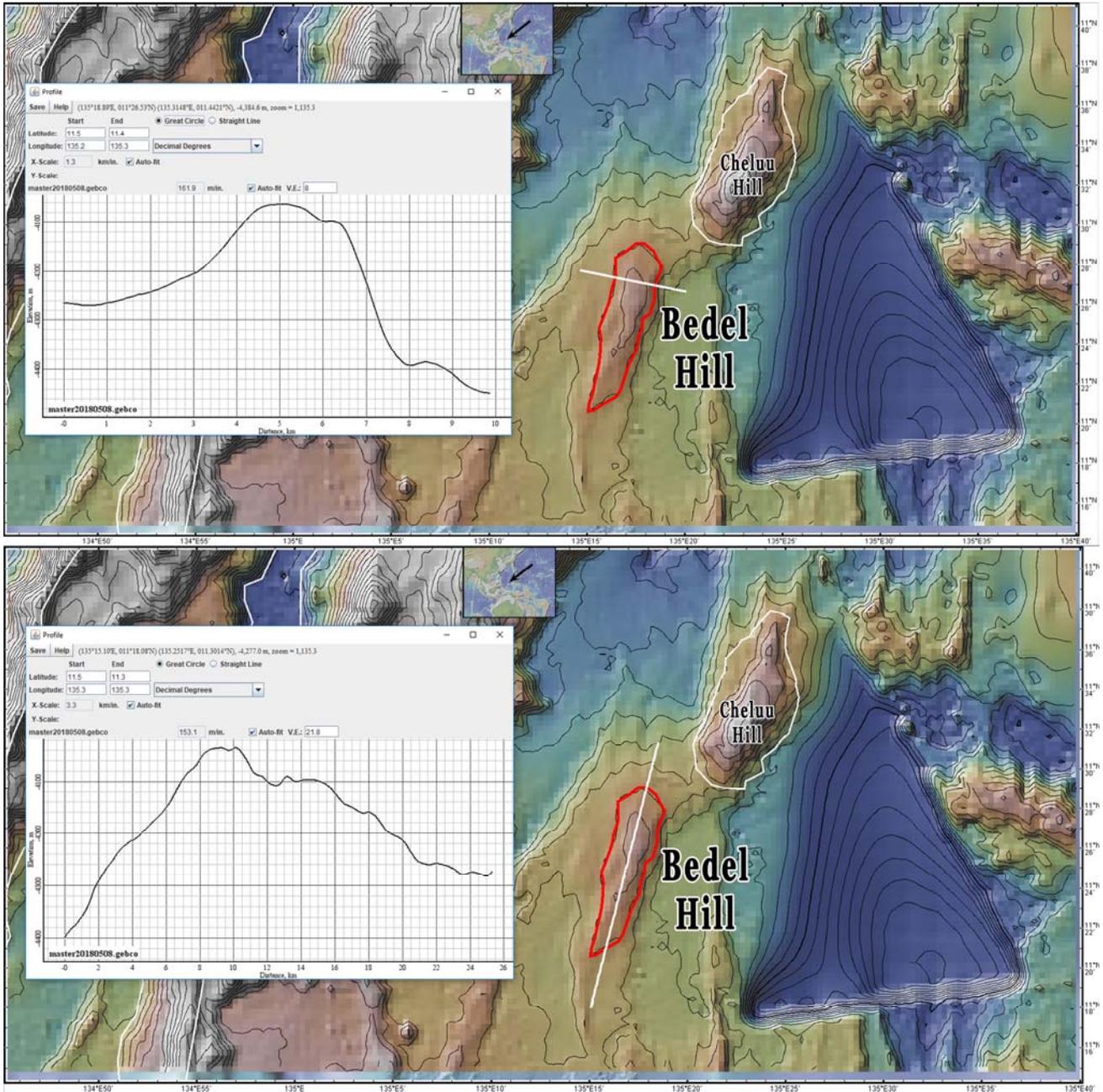


Fig. 2. Bathymetric profile across Bedel Hill. The polygon that defines the hill is also shown. Contours in 100 m intervals.



Fig. 3. Picture of *Macaranga Tanarius* Tree (Bedel)