

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:	Kidel 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° 29' 25.723" N	134° 32' 10.737" E
	11° 29' 25.063" N	134° 32' 48.750" E
	11° 28' 57.817" N	134° 33' 18.413" E
	11° 28' 18.047" N	134° 33' 25.664" E
	11° 27' 47.065" N	134° 33' 36.431" E
	11° 27' 31.245" N	134° 33' 18.413" E
	11° 27' 18.281" N	134° 32' 53.804" E
	11° 27' 32.783" N	134° 32' 09.199" E
	11° 28' 00.029" N	134° 31' 46.128" E
	11° 28' 18.926" N	134° 31' 40.415" E
	11° 28' 31.011" N	134° 31' 41.953" E
	11° 28' 46.831" N	134° 31' 47.007" E
	11° 29' 03.530" N	134° 31' 56.235" E
11° 29' 25.723" N	134° 32' 10.737" E	

Feature Description:	Maximum Depth :	4480 m	Steepness :	N/A
	Minimum Depth :	3950 m	Shape :	Round Shape
	Total Relief :	530 m	Dimension/Size :	3 km x 3.6 km

Associated Features:	This feature is on the western flank of the Babeldaob Ridge, which is adjacent to 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):	Kidel is the Palauan name for the <i>Syzygium malaccense</i> which is found throughout Palau.
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Discovery Facts:	Discovery Date:	July 2007
	Discoverer (Individual, Ship):	S/V Shoyo (HODJ)

Supporting Survey Data, including Track Controls:	Date of Survey:	July 2007, June 2008
	Survey Ship:	S/V Shoyo (HODJ), R/V Mirai
	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 <u>Principality of MONACO</u> Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS <u>France</u> Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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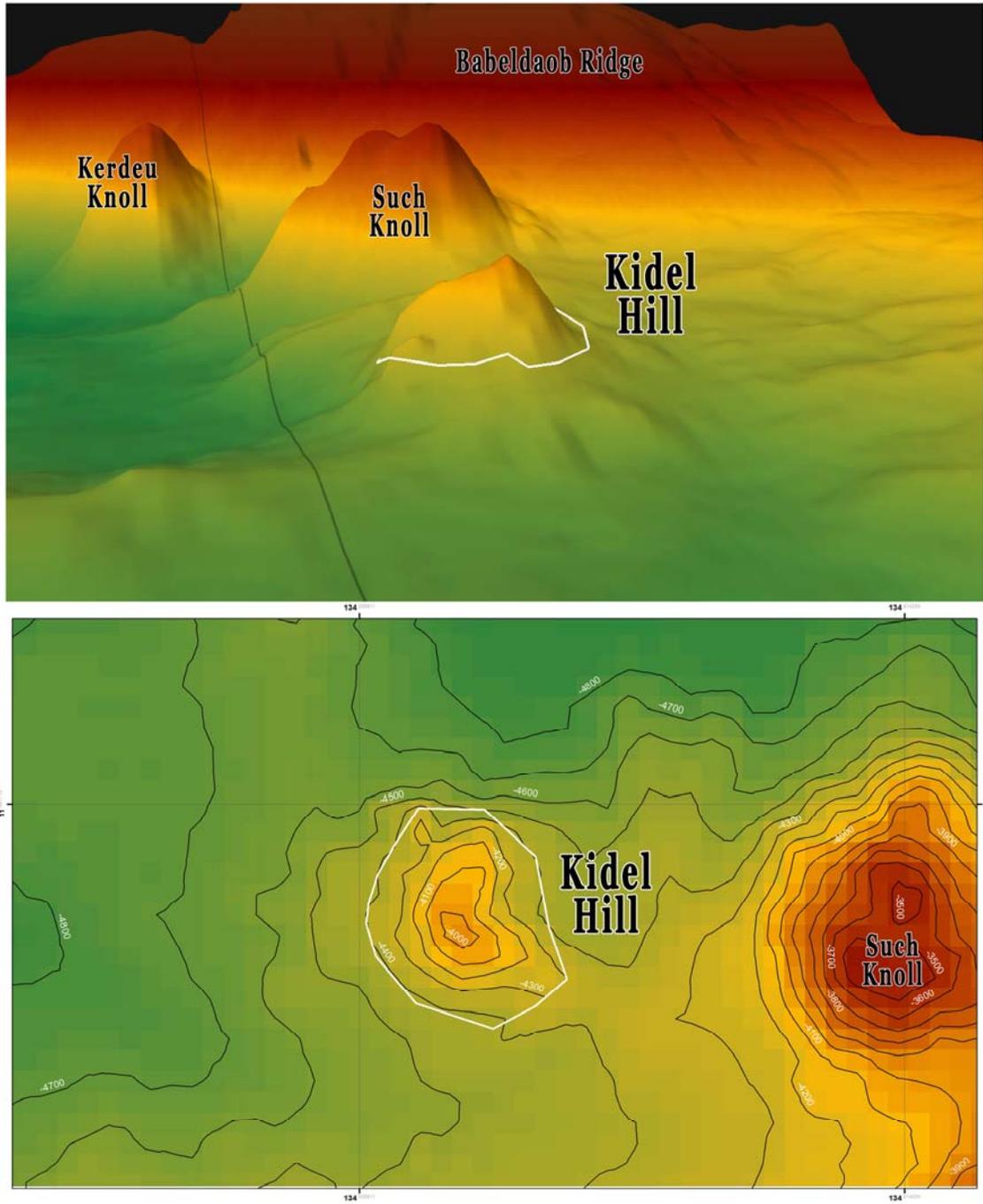


Fig. 1. Bathymetric 3D image of Kidel Hill and its vicinity.

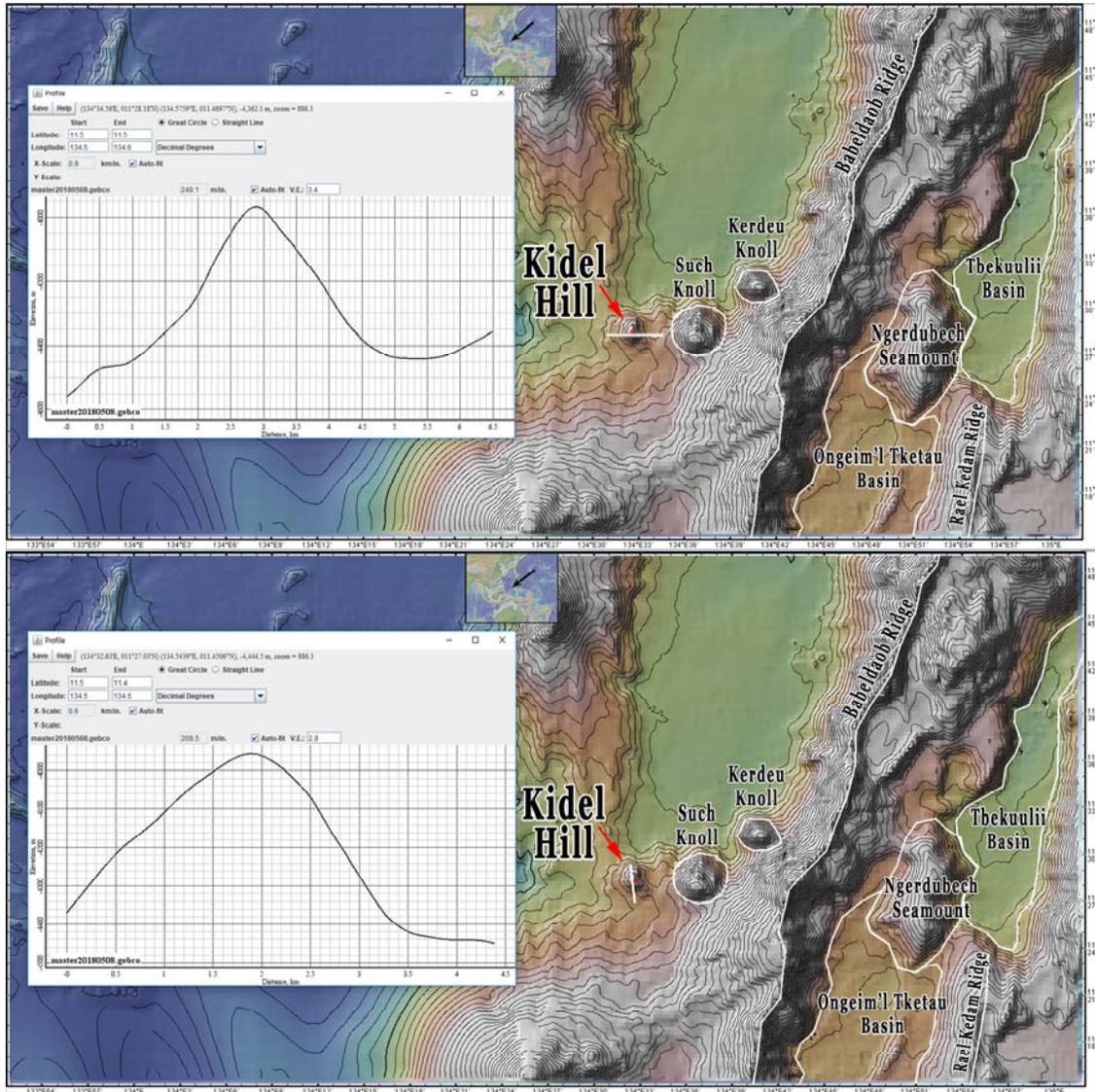


Fig. 2. Bathymetric profile across Kidel Hill. The point that defines the hill is also shown. Contours in 100 m intervals.



Fig 3. Picture of *Syzygium malaccense* tree (Kidel)