

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.

<b>Name Proposed:</b>	Kerdeu Knoll	<b>Ocean or Sea:</b>	Philippine Sea
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<b>Geometry that best defines the feature (Yes/No) :</b>						
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)
<b>Coordinates:</b>	11° 32' 12.056" N	134° 40' 26.660" E
	11° 32' 13.594" N	134° 40' 48.413" E
	11° 32' 07.881" N	134° 41' 12.803" E
	11° 31' 38.218" N	134° 41' 58.945" E
	11° 30' 49.219" N	134° 41' 56.748" E
	11° 30' 17.578" N	134° 40' 56.982" E
	11° 30' 23.511" N	134° 40' 08.862" E
	11° 31' 08.115" N	134° 39' 39.858" E
	11° 31' 30.308" N	134° 39' 45.791" E
	11° 32' 01.289" N	134° 40' 00.073" E
11° 32' 12.056" N	134° 40' 26.660" E	

<b>Feature Description:</b>	<b>Maximum Depth :</b>	4290 m	<b>Steepness :</b>	N/A
	<b>Minimum Depth :</b>	3525 m	<b>Shape :</b>	Round Shape
	<b>Total Relief :</b>	765 m	<b>Dimension/Size :</b>	4.5 km x 3.5 km

<b>Associated Features:</b>	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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<b>Chart/Map References:</b>	<b>Shown Named on Map/Chart:</b>	None
	<b>Shown Unnamed on Map/Chart:</b>	Japanese bathymetric chart #6728
	<b>Within Area of Map/Chart:</b>	None

<b>Reason for Choice of Name (if a person, state how associated with the feature to be named):</b>	Kerdeu is the Palauan name for the Ixora Plant which is found throughout Palau.
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<b>Discovery Facts:</b>	<b>Discovery Date:</b>	June 2007
	<b>Discoverer (Individual, Ship):</b>	S/V Shoyo (HODJ)

<b>Supporting Survey Data, including Track Controls:</b>	<b>Date of Survey:</b>	Jun 2007, June 2008
	<b>Survey Ship:</b>	S/V Shoyo (HODJ), R/V Mirai (JAMSTEC)
	<b>Sounding Equipment:</b>	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: <a href="mailto:info@ihb.mc">info@ihb.mc</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS <u>France</u> Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a>
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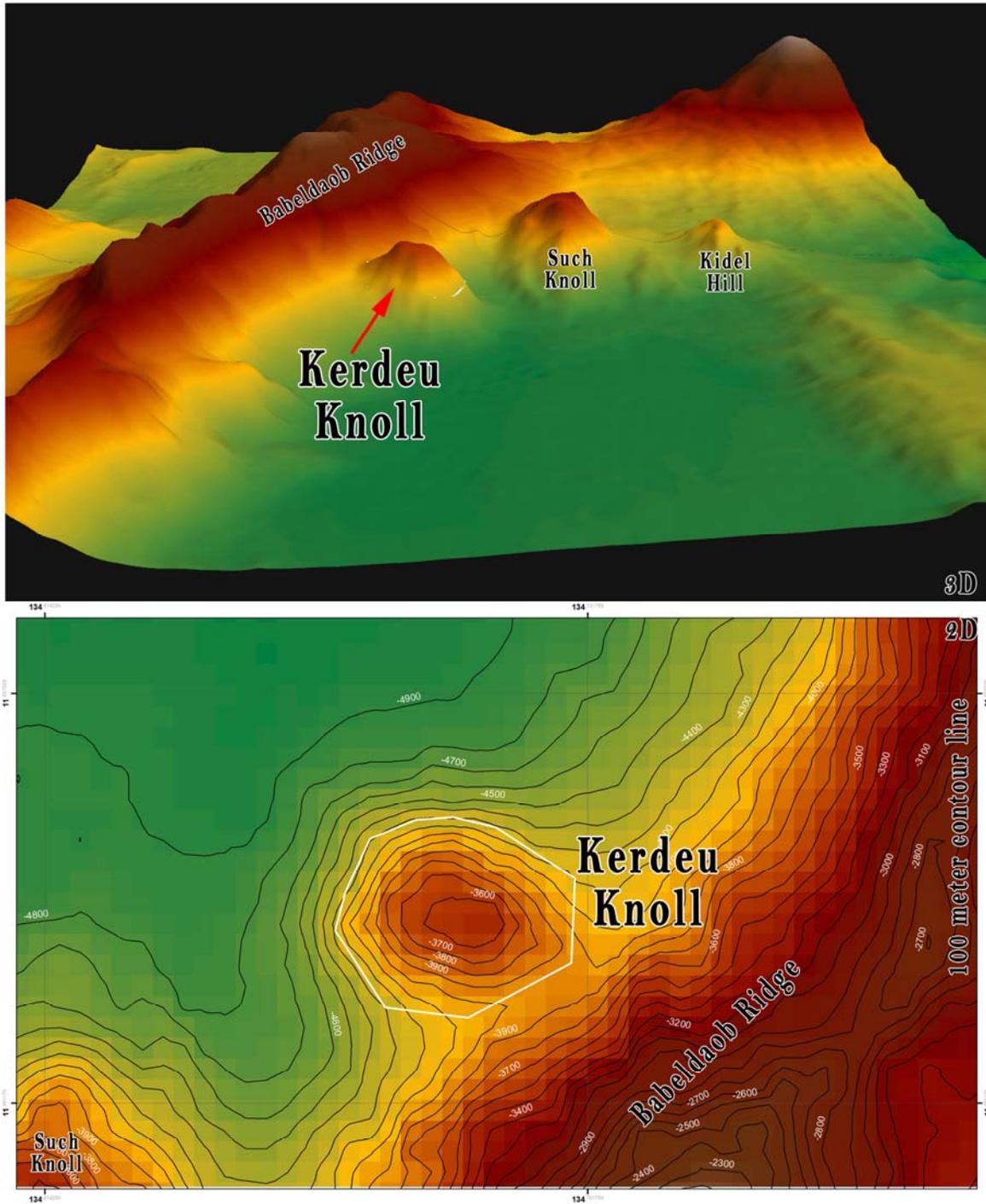


Fig. 1. Bathymetric 3D image of Kerdeu Knoll and its vicinity.

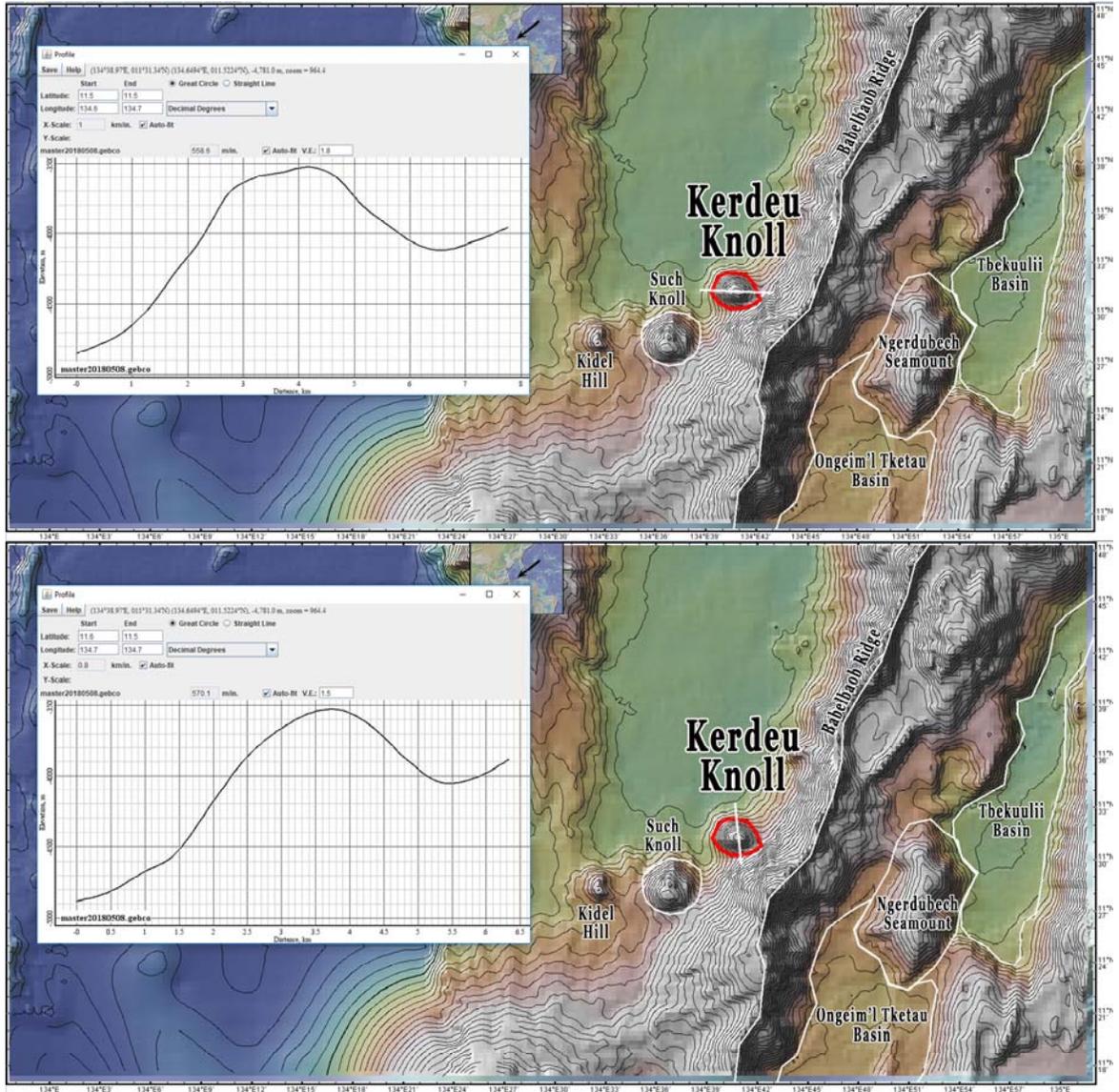


Fig. 2. Bathymetric profile across Kerdeu Knoll. The polygon that defines the knoll is also shown. Contours in 100 m intervals.



Fig. 3. Picture of Ixora Plant (Kerdu)