

Paper for Consideration by SCUFN

Definitions of 'Knoll' and 'Hill'; ACUF and SCUFN

SCUFN Action SCUFN27/75:

ACUF (J. Nerantzis) to examine the possibility of harmonizing definitions of "knoll" and "hill" with SCUFN definitions.

To the SCUFN Committee:

The ACUF Committee recognizes the value that height ranges serve to help the distinction between 'hill' and 'knoll'. Therefore the ACUF does not wish to modify the definition by removing those height ranges.

However, the ACUF does make a proposal for the SCUFN Committee to consider. The ACUF would like to propose creating 'hybrid' definitions of each, merging elements from both ACUF and SCUFN definitions. See below.

Hill:

ACUF

1. Hill - an elevation rising generally less than 500 meters; HLLU

SCUFN SCUFN definition from current 2013 B-6 definitions:

2. Hill - A distinct elevation generally of *irregular shape*, less than 1000m (*seamount*) above the surrounding relief as measured from the deepest isobath that surrounds most of the feature.

ACUF Proposal; HILL

An isolated elevation; *irregular in shape*, and less than 500m

Knoll:

ACUF

3. Knoll - an elevation rising generally more than 500 meters and less than 1,000 meters *and of limited extent across the summit*; KNLU

SCUFN: SCUFN definition from current 2013 B-6 definitions

4. Knoll - A distinct elevation *with a rounded profile* less than 1000m above the surrounding relief as measured from the deepest isobath that surrounds most of the feature.

ACUF Proposal; Knoll:

An isolated elevation; *with a rounded profile*, and, generally more than 500 meters and less than 1,000 meters.

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Let us know if this is a satisfactory proposal. Thank you.

Jimmy Nerantzis, Secretary, ACUF

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