

**NEW MINERAL PROPOSALS APPROVED IN
JANUARY 2015****IMA No. 2014-084**

Abuite



Hinomaru-Nago mine, Kiyo area, Abu, Abu
County, Yamaguchi Prefecture, Japan (34°53'N
131°52'E)

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Known synthetic analogue (with Sr in the place
of Ca)

Orthorhombic: $P2_12_12_1$

$a = 11.818(2)$, $b = 11.993(3)$, $c = 4.6872(8)$ Å
4.362(25), 3.683(32), 3.529(43), 3.139(86),
2.951(100), 2.928(80), 2.183(24), 2.046(21)

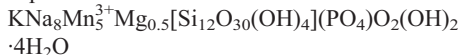
Type material is deposited in the collections of
the Kitakyushu Museum of Natural History and
Human History, Kitakyushu, Japan, registered
number KMNHM000003

How to cite: Enju, S. and Uehara, S. (2015)

Abuite, IMA 2014-084. CNMNC Newsletter
No. 23, February 2015, page 58; *Mineralogical
Magazine*, **79**, 51–58.

IMA No. 2014-085

Lipuite



N'Chwaning III mine, Kalahari Manganese
Fields, Northern Cape Province, South Africa
(27°7'50.81''S, 22°50'28.83''E)

Hexiong Yang*, Xiangping Gu, Xiande Xie,
Jaco J. van Nieuwenhuizen, Stanley H. Evans
and Robert T. Downs

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New structure type

Orthorhombic: $Pnmm$; structure determined

$a = 9.080(3)$, $b = 12.222(3)$, $c = 17.093(5)$ Å
9.955(52), 4.853(68), 3.965(52), 2.889(100),
2.772(49), 2.617(57), 2.477(68), 2.084(65)

Cotype material is deposited in the collections
of the Mineral Museum of the University of

Arizona, Tucson, Arizona, USA, catalogue
number 20010, and the RRUFF Project,
deposition number R140496

How to cite: Yang, H., Gu, X., Xie, X., van
Nieuwenhuizen, J.J., Evans, S.H. and Downs,
R.T. (2015) Lipuite, IMA 2014-085. CNMNC
Newsletter No. 23, February 2015, page 58;
Mineralogical Magazine, **79**, 51–58.

**REVISION OF CHEMICAL FORMULA
APPROVED IN JANUARY 2015****IMA 14-I: Aradite**

In the original submission of the mineral aradite
(IMA 2013-047) the authors erroneously used
EPMA results of another grain; therefore aradite
was approved with an incorrect chemical
formula (see CNMNC Newsletter 17). The
correct end-member formula of aradite is
 $\text{BaCa}_6[(\text{SiO}_4)(\text{VO}_4)](\text{VO}_4)_2\text{F}$.

REVISED CHEMICAL FORMULA

A paper on the mineral camerolaite has been
published recently [*Mineralogical Magazine*,
78, 1527–1552 (2014)] in which the ideal
chemical formula of the mineral is given as
 $\text{Cu}_6\text{Al}_3(\text{OH})_{18}(\text{H}_2\text{O})_2[\text{Sb}(\text{OH})_6](\text{SO}_4)$. In this
formula (CO_3) is lacking, while it was present as
an essential component in the previously
accepted formula of camerolaite. These data
were examined carefully by the CNMNC
officers and were considered reliable.
Accordingly it was agreed to modify the
formula of camerolaite in the official IMA List
of Minerals.

ERRATUM**IMA No. 2014-044 Wetherillite**

In CNMNC Newsletter 22, the mineral name
was typed incorrectly as whetherillite. The
correct name is wetherillite.