

**KALOTERMES (GLYPTOTERMES) JUDDI: A NEW SPECIES OF
TERMITE FROM THE MARQUESAS ISLANDS***

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I have already identified seven species of termites in the Pacific Entomological Survey collections from the Marquesas; of these, three were described as new. In examining subsequent collections from the Survey I have discovered a fourth new species, *Kaloterme*s (*Glyptoterme*s) *juddi*, which I take pleasure in naming after Albert F. Judd, President of the Board of Trustees of Bernice P. Bishop Museum.

***Kaloterme*s (*Glyptoterme*s) *juddi*, new species.**

Imago unknown.

Soldier

Head light brown, body and legs pale dirty yellow-brown; small, head about 1.05 mm. wide; head narrow, somewhat elongated, sides only faintly convex, not convergent, head index about 0.80 mm.; frons sloping at an angle of about 45 degrees, faintly but broadly excavate, not set off laterally and behind by sharp ridges as in *K. (G.) xantholabrum* Hill. Pronotum much as in *K. (G.) xantholabrum* save perhaps more distinctly emarginate behind. A sparse set of long reddish hairs, longer than in *K. (G.) xantholabrum*. Otherwise much as in that species.

Head width	1.05 mm.
Head capsule, length.....	1.20 mm.
Head with mandibles, length.....	1.86 mm.
Pronotum, length	0.55 mm.
Pronotum, width	1.05 mm.
Head index	0.80 mm.
Pronotal index	0.52 mm.

Nymph

Not noticeably different from *K. (G.) xantholabrum* Hill.

Uahuka: Tehaevea, Hane Valley, altitude 500 feet, February 27, 1931, soldier and numerous nymphs, from dead wood of *Calophyllum inophyllum*, LeBronnec and H. Tauraa.

This species is close to *K. (G.) xantholabrum* Hill⁴⁶ and later collections may show them to intergrade. At present, however, it is differentiated by smaller size, by proportionately longer and narrower head, as brought out in

⁴⁶Hill, G. F., Isoptera (Family Termitidae): Insects of Samoa, pt. 7, fasc. 1, p. 13, 1927. Termites from the Australian Region: Nat. Mus. Melbourne, Mem., no. 7, p. 14, 1927.

* Pacific Entomological Survey Publication I, article 18, issued November 22, 1932.

the following measurements of *K. (G.) xantholabrum*, by the shallower excavation of the frons and its less sharply ridged borders, and by the more pronounced emargination of the posterior border of the pronotum.

Measurements of largest and smallest soldiers, *Kaloterme*s (*Glyptoterme*s) *xantholabrum* Hill from Tahiti:

Head width	1.14 mm.	1.38 mm.
Head length	1.38 mm.	1.71 mm.
Head length (mandibles crossed).....	1.98 mm.	2.34 mm.
Pronotum length	0.54 mm.	0.66 mm.
Pronotum width	1.06 mm.	1.29 mm.
Head index	0.83 mm.	0.85 mm.
Pronotal index	0.51 mm.	0.51 mm.