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NEW SPECIES OF AFRICAN
HYMENOPTERA NO. 16

BY G. ARNOLD

FAMILY FORMICIDAE

Subfamily PONERINAE

WILLIAM L. BROWN

Bothroponera laevissima aspera var. nov. ✓✓

B. laevissima Arn., 1916, *Ann. S. Afr. Mus.* XIV, 58.

This variety differs from the type of the species from Saldanha Bay by the stronger puncturation. In *laevissima* i.sp. the punctures on the head are less than one-fifth as wide as the first joint of the flagellum, and the interspaces are for the greater part five times as wide as the punctures. In this variety the punctures are about one-third as wide as the first joint of the flagellum and the interspaces are about one-third as wide as the punctures. The puncturation of the thorax is larger and deeper than in the type of the species, and the first tergite, which is almost impunctate in the type, has large shallow punctures separated by spaces as wide as the punctures. Otherwise this variety does not differ from the type of the species.

Numerous specimens coming out of holes in the ground, were collected by Dr A. J. Hesse and Mr Thom at Ysterfontein, which is not many miles from Saldanha Bay. No doubt further collecting will provide intermediate forms. Holotype of the variety in the South African Museum, paratype in the National Museum of Southern Rhodesia.

Subfamily FORMICINAE

Anoplolepis macrophthalma sp. nov. (Figs. 1, 1a, b) ✓✓

♀. 3.2 mm. long. Black. The scapes, mandibles, apex of the anterior femora, anterior tibiae and the anterior tarsi, pale ochreous. Flagellum yellowish brown, the last three joints darker. The whole body shining and impunctate. Under a magnification of not less than 35 diameters (stereoscopic binocular microscope) a greyish bloom is visible on the sides of the epinotum. Head about one-eighth wider than long, excluding the mandibles, the sides and posterior corners moderately convex, the hind margin straight. Maxillary palpi six-jointed, the mandibles quadridentate. Antennae eleven-jointed, the scapes more than half the length of the flagellum and extending beyond the hind margin the head; all the joints of the flagellum longer than wide. Eyes placed at the middle of the sides and one-third as long as the sides of the head, excluding the mandibles. Antennal carinae divergent caudad, wide apart, as in