

**OP-54 ANTHRAQUINONES AND PRE-
ANTHRAQUINONES FROM THE SUBTERRANEAN
STEMS OF THREE KENYAN ALOE SPECIES OF
THE SAPONARIAE GROUP**

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Some Aloe species are cultivated for their medicinal and cosmetic properties. In this study, the constituents of three Kenyan Aloe species, *A. kilifiensis*, *A. lateritia* and *A. graminicolla* were characterized. A number of anthraquinones and pre-anthraquinones were isolated. They included chrysophanol, aloe saponarin I and II, helminthosporin, asphodelin, di-aloesaponarin, pre-chrysophanol (1), aloesaponol I & II, asphodelin-10-rhamnoside (2), 10-(chrysophanol-7'-yl)-10-hydroxychrysophanol-9-anthrone (3). Compound 2 was obtained for the first time from the genus *Aloe*. The structure elucidation and the chemotaxonomic significance of some of these compounds will be presented.