New Decalin-Type Bicyclic Diterpenes and Cadinene

Sesquiterpenoids from the Soft Coral Paralemnalia

thyrsoides and Xenia hicksoni

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In our ongoing research for secondary metabolites from the acetone-solubles of the Formosan soft coral *Paralemnalia thyrsoides* and *Xenia hicksoni*, collected at Green Island, led to the isolation of eight new decalin-type bicyclic diterpenes (1–8) and nine new cadinene sesquiterpenoids (9–17), along with four known analogues xenitorins A–C(18–20) and 4*b*-hydroxygermacra-1(10),5-diene (21). The structures of these compounds were determined on the basis of their spectroscopic analyses (¹H NMR, ¹³C NMR, ¹H-¹H COSY, HSQC, HMBC, NOESY and HRESIMS) and by comparison of the physical and spectral data with those of the related known compounds.