



PLATE 1. -- A, C - *Pteridinium simplex* Gürich, Kuibis quartzite, base of Nama System, South West Africa. B - cf. *Pteridinium*, Middle mem., Deep Spring Fm., loc. 7, Fig. 2B. D - *Rusophycus-Cruziana*, Middle Cambrian Tapeats Ss., Grand Canyon. E, G - *Cruziana*, Upper mem., Deep Spring Fm., loc. 1, Fig. 2A. F - *Rusophycus*, same loc. as E, G. Plate from Cloud and Nelson (1966). Figures approximately natural size.