

C- Line Polymorphism and Its Association with Some Dermatoglyphic Traits

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ABSTRACT The present paper describes the distribution of C-line polymorphism among two endogamous tribal population namely, Kotia and Manne Dora of Andhra Pradesh. Further, a possible association of absence of C-triradius with consistently lower frequency of true patterns in III and IV interdigital areas is reported. Ulnar type of C-lines are frequency observed among both the populations followed by radial type of C-line. Proximal type of C-line records the lowest incidence. Bisexual and inter population variation is not significant although a clear bimanual difference is recorded. An attempt to test the hypothesis that absence of C-triradius will result in lower incidence of true patterns in hypothenar and IV finger ball area did not show clear and consistent picture. The expected association of absence of C-triradius with some distally located axial triradii and higher atd angle lack consistency.