
Lilac Ortho-Pyroxenes from Koratagere
(Mysore State).

AMONG the outcrops which form the suite of Cordierite-hypersthene rocks near Bidaloti (Lat. $13^{\circ} 31' N.$; Long. $77^{\circ} 17' 30'' E.$) in Koratagere taluk, are a few which show a peculiar violet or lilac ortho-pyroxene. This is the first instance in which such a type of ortho-pyroxene has been noticed in Mysore and so far as we are aware, its occurrence has not been recorded elsewhere either. In microsections the mineral shows the usual characteristics of hypersthene, *i.e.*, straight extinction, negative sign and pleochroism but differs from it in having a lower refractive index, a lesser intensity of pleochroism and a different scheme of axial colours as noted below:

X = yellow.
Z = Y = lilac to lavender.

The mineral is closely associated with the normal pink to green pleochroic hypersthene, cordierite and biotite, and it is probably a derived species from the reconstruction of the altered products of the latter two minerals. Detailed investigations regarding its optical and chemical characters, etc., are being carried on and the results obtained will be published elsewhere in due course.

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