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**Mustafa Kalafat\*** ([mkalafat@tunceli.edu.tr](mailto:mkalafat@tunceli.edu.tr)). *Conformally Kähler Surfaces and Orthogonal Holomorphic Bisectional Curvature.*

We show that a compact complex surface which admits a conformally Kähler metric  $g$  of positive orthogonal holomorphic bisectional curvature is biholomorphic to the complex projective plane. In addition, if  $g$  is a Hermitian metric which is Einstein, then the biholomorphism can be chosen to be an isometry via which  $g$  becomes a multiple of the Fubini-Study metric. This is a joint work with C. Koca. (Received September 12, 2014)