

Wide correlation of tephra key bed 'Kd38' occurring near the boundary between Tertiary and Quaternary in the Boso Peninsula

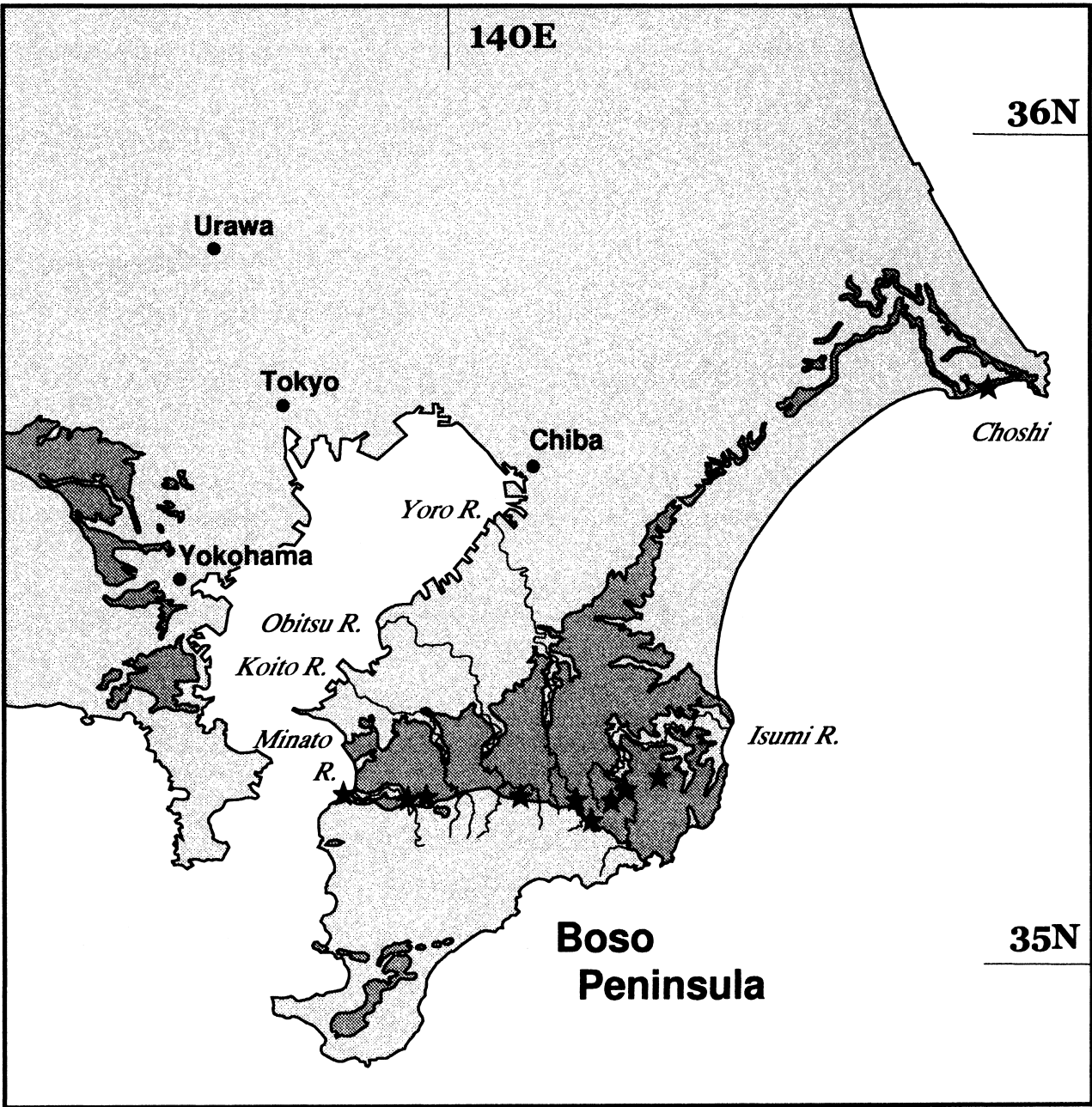
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Tephra key bed 'Kd38'(Mitsunashi et.al,1959) in the Boso Peninsula is very important as an indicator of boundary between Tertiary and Quaternary (Takayama et.al,1995). The authors showed that 'Kd38' includes orthopyroxene with characteristic chemical composition and there is no similar tephra near the horizon (Yokoyama et.al,1997,1998; Mitsuoka et.al,2000). The 'Kd38' is confirmed in many localities from the Boso Peninsula (Takeoka beach, Minato river, Takamizo area, Orizawa, Yoro river, Ohmori area, Hirasawa river, Isumi river, Yamada river, Choshi district). 'Ob2' tephra in the Choshi district is correlated with 'Kd38', and 'Ob1' tephra is correlated with 'Kd39' in the Hirasawa river.

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- ★ 'Kd38' correlated point
- Kazusa Group