

Seismic activity survey around Kouzu-jima and Zenith Ridge using Ocean bottom seismometers

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Ocean bottom seismic observation was carried out around the Kozu-jima and Zenith Ridge, Japan during June-July, in 1998. We determined 419 hypocenters, although JMA determined 63 hypocenters for the corresponding area. The hypocenters obtained show drastically shallower depth than those obtained by the JMA. The earthquakes were located at a narrow region of the eastern edge of the Zenith Ridge. The hypocenters distribution show no subduction of the Philippine Sea Plate at the Zenith Ridge.