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Macroscopic Anomalies observed before the Chichi Earthquake in Taiwanand the Kobe Earthquake in Japan

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Macroscopic Anomalies observed of the natural phenomenon by the citizen observation are being collected as a precursory of earthquake. A lot of anomalous precursory testimonies is reported, when Kobe Earthquake occurred (1995.1.17). The investigation two times was done around the earthquake center where 921Chichi Earthquake occurred (1999.9.21). It succeeded in collecting 2409 testimony information as a result. The first investigation was done on October 17,- 23 days. The second investigation was done on November 14,- 20 days. The result is reported because the phenomenon which it could get by last field investigations was analyzed and compared with Kobe Earthquake.

Macroscopic Anomalies observed of the natural phenomenon by the citizen observation are being collected as a precucursory of earthquake. A lot of anormalous precursory testimonies is reported, when Kobe Earthquake occurred(1995.1.17). 1519 testimonies of 1711 case were collected from the inhabitant as a precursory phenomenon of earthquake. The investigation two times was done around the earthquake center where 921Chichi Earthquake occurred(1999.9.21). It succeeded in collecting 2409 testimony information as a result. The first investigation was done on October 17, - 23 days. The second investigation was done on November 14, -20 days. The third investigation will be done on March 5, -18days. The result is reported because the phenomenon which it could get by last field investigations was analyzed and compared with Kobe Earthquake.

This investigation was done in Nankai Institute of Techonology in Tsao Tuen, Nan Tou County. Interview and questionnaire investigation was done targeting 23 classes for three days from November 16. Investigation applicable students are the totals of 1034 people. It was carried out in the average class unit of about 50 people. Taiwanese sides volunteer are two homeroom teachers and Japanese charge teacher. Japanese sides members are a teacher, student, graduate school student and two volunteer. The number of the student who testified is 805 people. The number of the student who didn't testify is 229 people. The number of the testimony matters was 2049 (More than one answer is contained.)cases. This occupies 78% of all the students. In other words, 3/4 of the whole students did a testimony. Because it was an activities term in Taiwan, an insect and reptile had much number of the testimonies.

13 big items can know the questionnaire item used this time. These big items have a small item within 10 respectively. A student does raising a hand, and does a testimony. The investigation time of around 1 class is about 30 minutes.

Most testimonies were the weather with 728 cases (31%). It could get the rate which was about similar Kobe Earthquake by other items. But a difference appeared clearly, and bird and an insect kind a reptile. As a cause, at first there were a little of crow. In the second, it is because there was no migratory bird of winter because it is warm in comparison with Kobe.

From these analysis results it exceeds seismic occurrence time, a place, and a difference in the national character of the observation person, and commonness is comparatively presumed contents of a testimony.