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[\[PDF \(390K\)\]](#) [\[References\]](#)**Summer weed vegetation of road pavement seams in Route 4**Yuko Suto<sup>1)</sup>, Yuki Takahashi<sup>1)</sup> and Masaru Ogasawara<sup>1)</sup>

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**Summary:**

Weed vegetation of road pavement seams was investigated at 68 points in the Route 4 (from Adachi, Tokyo to Aomori city, Aomori) from July 27 to July 30 in 2004. One hundred and two weed species belonging to 27 families were observed, and 44 naturalized weeds (43 %) were involved. The frequency of occurrence was high as following order of *Digitaria ciliaris* (85.3 %), *Artemisia princeps* (69.1 %), *Taraxacum officinale* (61.8 %) and *Setaria viridis* (60.3 %). In terms of life form, annual · bolochory · monophyte weeds were dominated. These results were similar to those from the investigation conducted in Utsunomiya City in 2002 and 2003. On the other hand, when weed vegetations of cool temperature region (7 points in Iwate Pref.) and warm temperature region (7 Points in Tochigi Pref., Saitama Pref. and Tokyo Met.) were compared, *D. ciliaris* and *Eragrostis multicaulis* were occurred with similar frequency and coverage at the both regions, however, *T. officinale* and *Poa pratensis* were abundant especially in the former, and *S. viridis* and *Conyza sumatrensis* in the latter.

**Keywords:** Route 4, road pavement seams, weed vegetation, air temperature, regional characteristics

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