Nos. 039
River Susawa, Yamagata Pref., Japan.
[35°12'14.9" N, 139°01'44.4" E]
EC: over 20mS, pH: 2.0, WT: 6.2.
Date: 12/xii/1993.
Coll. T.Watanabe (duplicate of TNS-AL- TW-10808m in TNS).

*Nitzschia* cf. *amplectens*  
(Figs 5-12)

Watanabe & Asai (2004) reported two *Nitzschia* species, *Nitzschia paleaeformis* Hust. and *Nitzschia amplectens* Hust., from acid rivers. This material is one of the materials, Watanabe & Asai examined. Since the original habitats of both taxa differ our habitats, we need more research to identify these taxa.

Ecology: acidbiontic. *Nitzschia* taxa are normally found in alkaline waters, and acidbiontic species are very rare.


*Pinnularia osoresanensis* (Negoro) Fukush.  
(Figs 1-4)
Nos. 039