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**An Isopod Specimen from the stomach of a Zoachid fish collected
from the Sea off Iwase, Toyama***

富山市沖のアゴゲングの胃中から発見された
ウミミズムシ類（等脚目甲殻類）の1標本

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富山市科学文化センターの宮本望専門員が富山市岩瀬沖のアゴゲングの消化管から奇妙な形態の等脚類を発見した。筆者の研究によるとこれはウミミズムシ科 Janiridae に属するものであり、*Janirella* 属に近いと思われるが、自由腹節が2個あるなど、特異な形態を持っている。

しかし、本標本は魚の消化管中から発見されたものであり、胸部附属肢を全て欠いている不完全標本であるため、正確な種および属の決定は出来なかった。

During the survey of deep sea shells, Mr.Miyamoto of the Toyama Science Museum happened to find a queer-looking isopod crustacean from the stomach of a zoachid fish, *Petroschmidtia toyamaensis*. The specimen was handed over to me for my study. On closer examinations of mine, it proved to represent a species belonging to the family Janiridae, which may belong to the genus *Janirella*.

Before going further, I wish to express my thanks to Mr. Nozomu Miyamoto for his kindness in giving me an interesting specimen.

Janiridae sp.

Fig. 1

Material examined: 1♂(7.2 mm in body length), from the stomach of zoachid fish, *Petroschmidtia toyamaensis*. The specimen is deposited at the Toyama Science Museum (TOYA Cr-11175).

Description: Body 2.6 times as long as wide. Color white in alcohol. Cephalon rectangular with a medial projection on anterior margin. All the parts of surface smooth. Eyes small, number of ommatidia not discerned. Cephalon to peraeonal somite V with 1 to 3 pairs of acute processes. But the peraeonal somites VI-VII and pleotelson smooth. Two free pleonal segments. Pleotelson triangular(Fig.H).

Antennula(Fig. B) with 3 peduncular segments and 22 flagellar segments.

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Antenna(Fig.C) broken, only basal 2 segments were remained.

Mandible(Fig.C); pars incisiva composed of 3 teeth; lacinia mobilis single-toothed; a group of setae behind lacinia mobilis; processus molaris is represented by a relatively small process.

Maxillula(Fig.D) slender with 14 teeth at the tip of outer lobe.

Maxilla (Fig.E); 3 lobes of equal length, inner lobe wide with 15 setae; middle and outer lobes slender, each with 3 setae.

Maxilliped (Fig.F); endite rectangular with 12~13 teeth at the distal end; 2 coupling hooks on the inner border. Palp 5-segmented; segment 1 small; segments 2 and 3 broad with

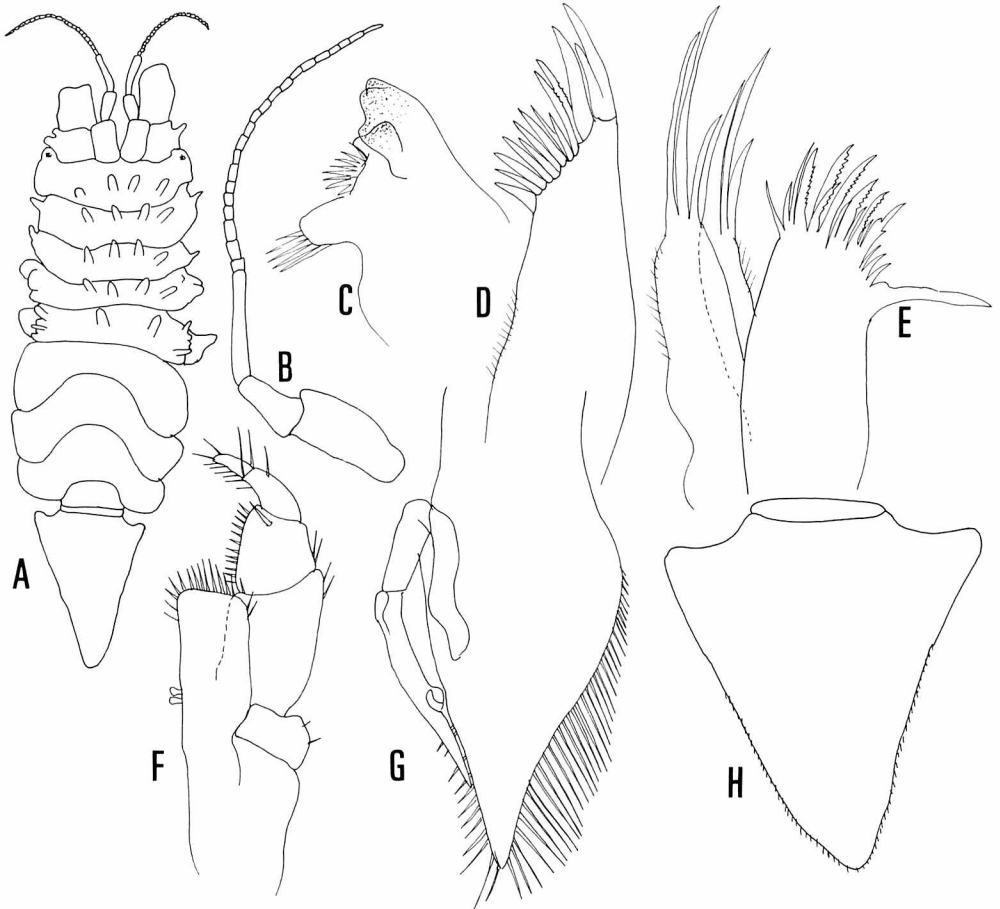


Fig.1 Janiridae sp.

A. Dorsal view; B.First antenna; C.Mandible; D.Outer lobe of Maxillula; E.Maxilla; F.Maxilliped. G.Male second pleopod; H.Pleotelson (All: Specimen from Toyama Bay).

3, 10 setae on inner margin, respectively, segment 4 slender with 10 setae; terminal segment slender.

All the peraeopods missing.

Male second pleopod(Fig. G); exopod 2-segmented; first segment long; second segment rectangular; terminal segment, with a swollen part in the middle part, tapers towards the tip.

Remarks: If the present specimen belongs to the genus *Janirella*, it is most allied to *Janirella laubieri* from the Atlantic Ocean, but the former is separated from the latter in the following features:(1)shape of pleonal somites, (2) presence of protuberances on pleotelson (3) shape of second. The present specimen is imperfect, therefore, I could not examine only a limited part, I refrained to establish a new species.

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