

ISSN 0917-4362

藤女子大学・藤女子短期大学 生物研究室 渦虫類拾遺集

第24号

OCCASIONAL PUBLICATIONS, BIOLOGICAL LABORATORY OF
FUJI WOMEN'S COLLEGE, SAPPORO (HOKKAIDŌ), JAPAN.

(平成4年/0月/0日) October 10, 1992.

No. 24

プラナリアと豊かな自然を求めて ——台湾の旅 3

川勝正治・高井成幸・堀 寛・武藤 昱・大澤省三

NATURE IN TAIWAN OBSERVED BY
FIVE JAPANESE NATURALISTS, 3.

by

Masaharu KAWAKATSU, Masayuki TAKAI, Hiroshi HORI,
Akira MUTO & Syozo OSAWA



PREPRINT OF PAPERS GIVEN AT THE SEVENTH
INTERNATIONAL SYMPOSIUM ON
THE TURBELLARIA

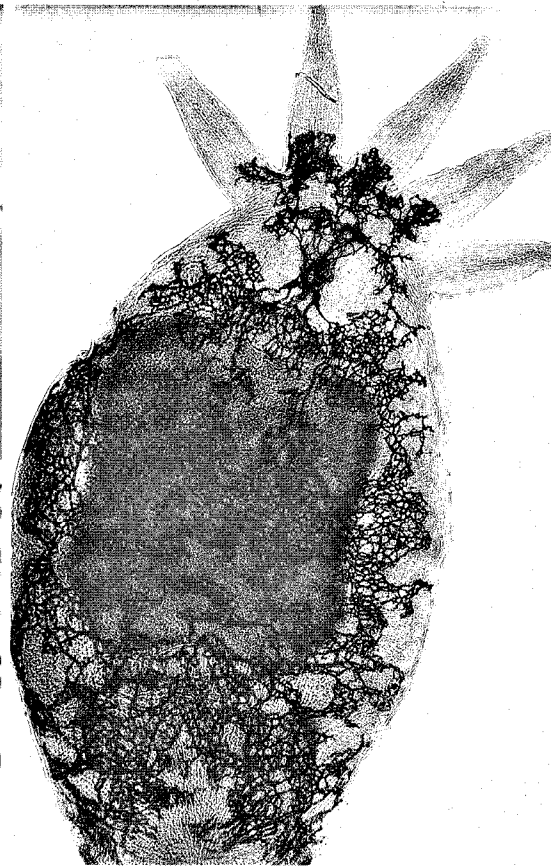
Åbo

FINLAND

June 17 - 22, 1993

by

Masaharu KAWAKATSU, Iwashiro OKI,
Sachiko TAMURA, Masayuki TAKAI,
Oleg A. TIMOSHKIN, and Nina A. PORFIRJEVA



A LIST OF TRICLAD TURBELLARIANS FROM AUSTRALIA (INCLUDING
TASMANIA) AND NEW ZEALAND IN KAWAKATSU'S COLLECTION¹⁾

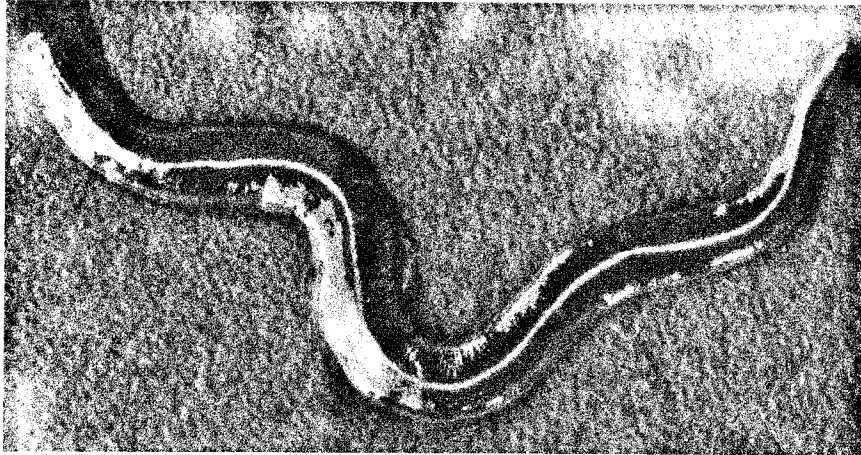
PART II: PLATES

by

MASAHARU KAWAKATSU, HITOSHI MURAYAMA
and GENCHÛ ÔGAWARA

Part I of this Series (including Explanations of Plates I-XI)
is as follows.

Kawakatsu, M., Murayama, H. & Ôgawara, G., 1995. A list
of triclad Turbellarians from Australia (including Tas-
mania) and New Zealand in Kawakatsu's Collection. Part I:
A list with maps showing localities. Bull. Fuji Women's
College, No. 33, Ser. II: 87-103. Published in December
25, 1995.



Geoplanidae sp. of Townsville (right is the head)

1) This paper is affectionately dedicated to the late Dr. Minoru HIRANO, Professor Emeritus of Kyoto University, who passed away on September 1, 1994, at Nagaokakyô, Japan. He was 84 years old. The deceased was recognized as the authority on freshwater algae (especially on desmids and diatoms) and was a respected friend of the authors. He was a member of our 1978 summer trip to East Malaysia, New Guinea, Australia, and New Zealand. We will long remember the scientific life and work of the late Dr. Minoru HIRANO (June 2, 1910 - September 1, 1994).

PREPRINT OF PAPERS GIVEN AT THE EIGHTH
INTERNATIONAL SYMPOSIUM OF
THE BIOLOGY OF THE TURBELLARIA

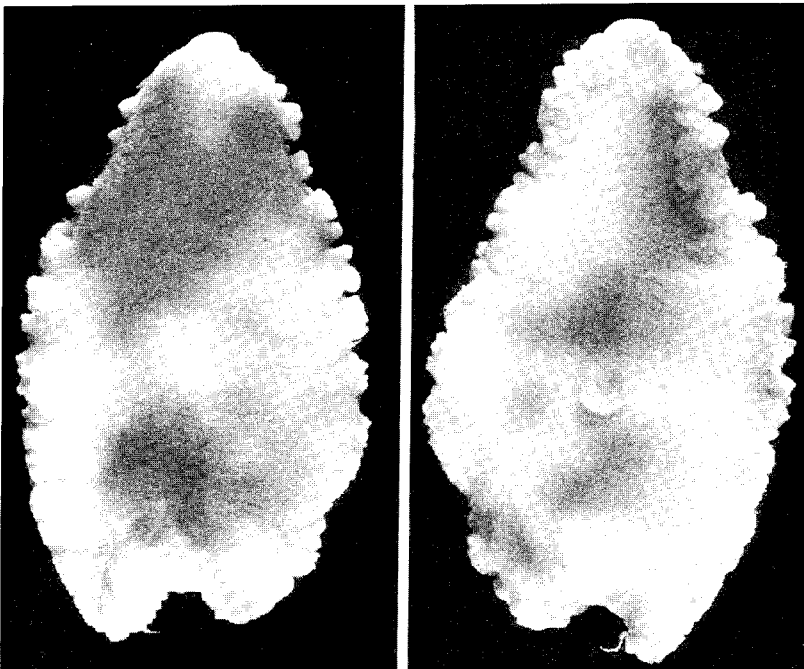
Brisbane

AUSTRALIA

August 19 - 23, 1996

by

Masaharu KAWAKATSU, Iwashiro OKI,
Sachiko TAMURA, Masayuki TAKAI,
Kiyohiko YAMAMOTO, Machiko NISHINO,
Oleg A. TIMOSHKIN, Konstantin D. KUZNEDELOV,
and Ronald SLUYS



Bdellocephala bathyalis Timoshkin et Porfirjeva, 1989 (KSL No. 2055).

A LIST OF TRICLAD TURBELLARIANS FROM NEPAL
IN KAWAKATSU'S COLLECTION

Part II: Additional maps and photographs

by

MASAHARU KAWAKATSU, ISAO YONEDA and HITOSHI MURAYAMA

Part I of this Series is as follows:

Kawakatsu, M., Yoneda, I. & Murayama, H., 1996. A list of triclad Turbellarians from Nepal in Kawakatsu's Collection. Part I: A list with maps. Bull. Fuji Women's College, No. 34, Ser. II: 95-103. Published in December 25, 1996.

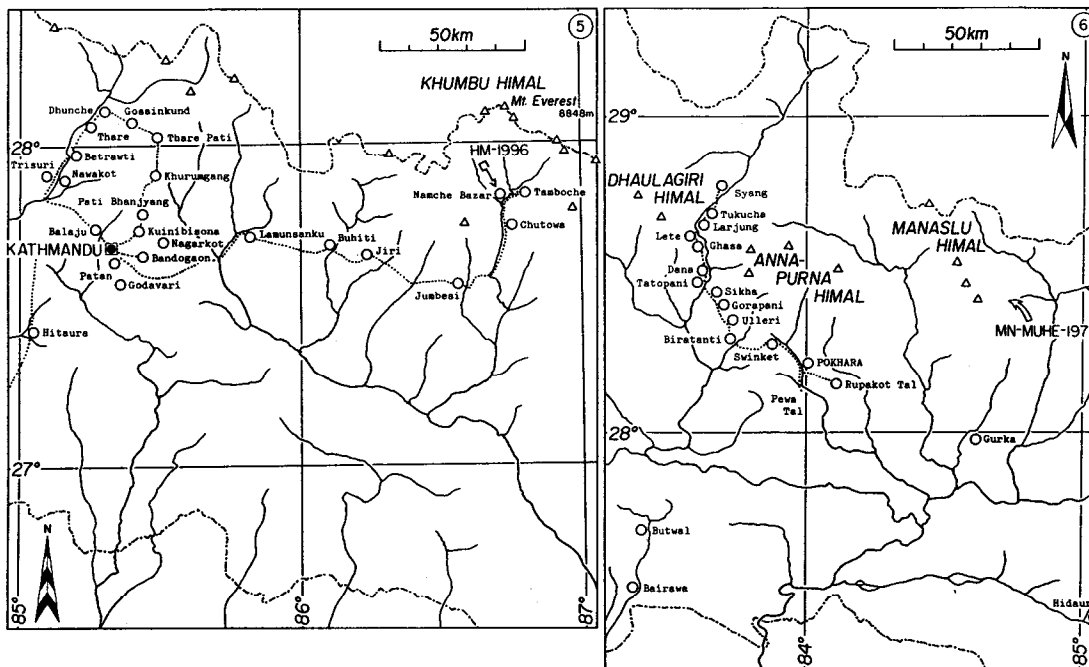


Fig. 1-⑤, -⑥. For explanation, see page 96 in Part I of this series.

HM-1996: the 1996 locality by H. MURAYAMA; MN-MUHE-1977: the 1977 locality by Mr. M. NEBUKA.

A COMMENTARY NOTE ON PROF. LIU'S 1996 CHINESE
PUBLICATION ON FRESHWATER PLANARIANS
FROM CHINA

by

MASAHARU KAWAKATSU

I. INTRODUCTION

Recently, KAWAKATSU received a reprint of Mr. De-zeng LIU's 1996 paper on the taxonomy of Chinese freshwater planarians. It is as follows:

LIU, De-zeng, 1996. Notes on four new species of the genus Polycelis from China (Tricladida: Paludicola: Planariidae). Acta Zootaxonomica Sinica, 21 (4): 389-398 + pls. I-II. (In Chinese, with English abstract.) Published in October, 1996.

This paper contains original descriptions in Chinese of 4 new Polycelis species (of which one species was already described as a new species in Mr. LIU's 1993 book) from Northern China. Brief explanations of figures in the text and plates and zoological terms used for them are given both in Chinese and English. Addition of an English "Abstract" (on pp. 397-398) of this Chinese publication is useful for an understanding of its contents by turbellariologists of western countries.

The purposes of the present publication are firstly to give an English review of Mr. LIU's 1996 paper. Secondly, to provide correction of a nomenclatural error found in that paper. And, thirdly, KAWAKATSU's proposal on the taxonomic position of "Polycelis hamica" is given.

II. CONTENTS OF THE 1996 PAPER AND THE CORRECTION OF
NOMENCLATUREL ERROR

LIU's 1996 paper consists of the following sections: 1) "Title", "Author", "Abstract", and "Keywords" in Chinese (p. 389); 2) "Introduction" in Chinese (p. 389); 3) Chinese descriptions of Polycelis

ISSN 0917-4362

藤女子大学・藤女子短期大学 生物研究室 渦虫類拾遺集

第30号

OCCASIONAL PUBLICATIONS, BIOLOGICAL LABORATORY OF
FUJI WOMEN'S COLLEGE, SAPPORO (HOKKAIDÔ), JAPAN.

(平成10年2月/日)

No. 30 February 1, 1998.

PREPRINT OF PAPERS GIVEN AT
OECD WORKSHOP ON TERRESTRIAL PLANARIANS

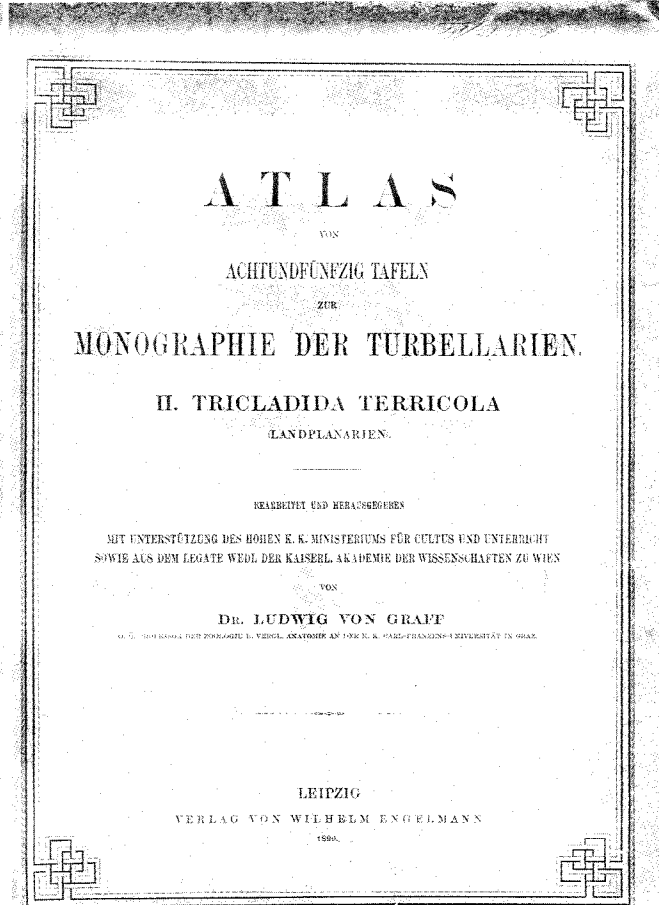
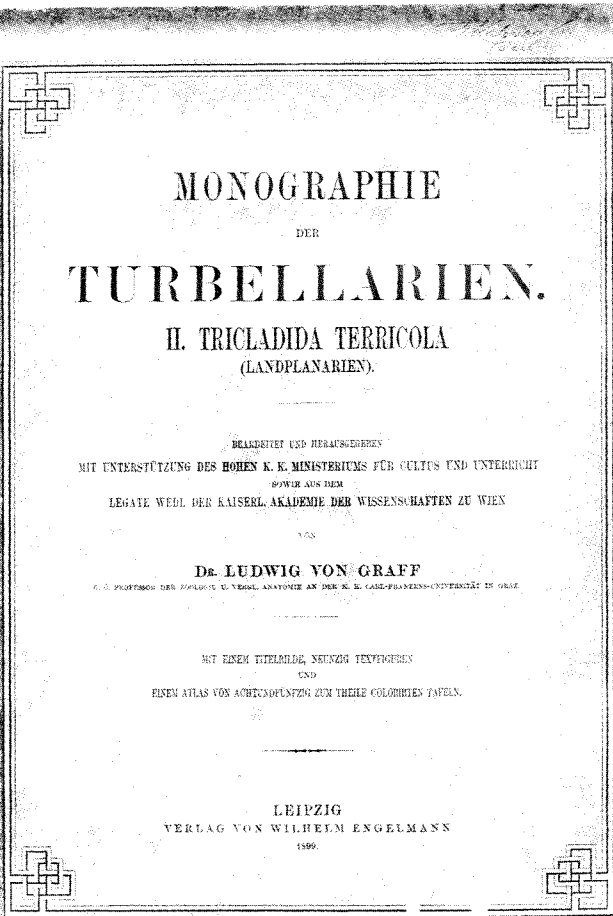
Christchurch

NEW ZEALAND

February 16 - 20, 1998.

by

Masaharu KAWAKATSU & Robert E. OGRÉN



ROBERT E. OGREN, MASAHARU KAWAKATSU

and EUDOXIA MARIA FROEHLICH

ADDITIONS AND CORRECTIONS OF THE PREVIOUS
LAND PLANARIAN INDICES OF THE WORLD
(TURBELLARIA, SERIATA, TRICLADIDA, TERRICOLA)
ADDENDUM IV. GEOGRAPHIC LOCUS INDEX:
BIPALIIDAE; RHYNCHODEMIDAE (RHYNCHODEMINAE;
MICROPLANINAE); GEOPLANIDAE (GEOPLANINAE;
CAENOPLANINAE; PELMATOPLANINAE)

藤女子大学・藤女子短期大学紀要, 第35号, 第II部: 63-103. 平成9年.

Bull. Fuji Women's College, No. 35, Ser. II: 63-103. 1997.

E R R A T A

by R. E. OGREN, M. KAWAKATSU & E. M. FROEHLICH

- P. 63. Title, line 6, middle. Read: GEOPLANIDAE (a shear of
L and A in printing).
- P. 64. Line 4. Delete 'a' to read: ...would be desirable...
Line 7. Change 'organ and geographic location' to ...
organs and geographic locations.
Line 18. Change 'identification' to identifications.
- P. 66. Line 1. Change 'histological' to histological.
- P. 67. Right column, line 1. Change 'Gabo' to Cabo.
Do., line 23. Change 'Seychelle' to Seychelles.
Under United States of America, lines 2-3. Change
'Colom-bia' to Colum-bia.
- P. 68. Line 9. Read: ..., is the name of its native language
and/or old name...
- P. 71. Right column, line 21 (under BIPALIUM). Change 'Mosely'
to Moseley.
Do., line 23. Change 'Indonasia' to Indonesia.
Do., line 26. Change 'Indonasia' to Indonesia.
Do., under B. kewense, line 10. Change 'Azo-res Is.'
to Azores Is.
Do., line 15. Change 'Argen-tina' to Argentina; change
'Urguay' to Uruguay.

A PRELIMINARY REPORT ON LAND PLANARIANS
(TURBELLARIA, SERIATA, TRICLADIDA, TERRICOLA)
AND LAND NEMERTINE (ENOPLA, HOPLONEMERTEA,
MONOSTYLIFERA) FROM THE OGASAWARA ISLANDS

by

MASAHARU KAWAKATSU, ISAMU OKOCHI, HIROKI SATO,
TAKASHI OHBAYASHI, KEN'ICHI KITAGAWA and KENJI TOTANI

INTRODUCTION

From the beginning of 1986 to 1988, KAWAKATSU received KITAGAWA-TOTANI's Collection of land planarians from several localities of Chichi-jima Island, the main island of the Chichijima Islands. Judging from the external appearance of those live and preserved specimens, 2 bipaliid species, one caenoplanid species and one land nemertine species, were found. The chromosomal studies of these samples were already reported (except for a caenoplanid species): OKI, TAMURA, OGREN & KAWAKATSU (1991) and OKI, TAMURA, TAKAI & KAWAKATSU (1995) for land planarians; OKI, TAMURA, OGREN, KITAGAWA & KAWAKATSU (1987) for land nemertine. Although serial sections of the Chichi-jima land planarian samples were prepared, the results are not yet published.

After the summer of 1995, KAWAKATSU also received OKOCHI-SATO-OHBAYASHI's Collection from Chichi-jima Island and Ani-jima Island. This collection of preserved specimens consisted of 3 rhynchodemid species and one land nemertine. In the spring of 1997, Mr. Y. GOTŌ kindly sent to KAWAKATSU a small collection of land planarians and a land nemertine from Chichi-jima Island and Haha-jima Island. The latter is the main island of the Hahajima Islands in the Ogasawara Islands. GOTŌ's Collection included a bipaliid species and a land nemertine.

KAWAKATSU was surprised that several specimens of *Platydemus manokwari* DE BEAUCHAMP, 1962, were found in the OKO-

CHI-SATO-OHBAYASHI's Collection. Undoubtedly, this exotic species known as a great predator of land snails, has been recently introduced by human activities.

The Ogasawara Islands have 7 endemic genera and many species of land snails (cf. TOMIYAMA, 1994). One of the themes in OKOCHI's study is the effect of predators on the snail population. Thus, it is necessary to have a primary publication on the land planarian fauna of this geographical area.

The results of a more detailed taxonomic study of land planarians from the Ogasawara Islands and the Northern Mariana Islands will be published elsewhere by KAWAKATSU and Dr. OGREN (cf. KAWAKATSU & OGREN, 1994).

A TENTATIVE LIST OF SPECIES

In the following list, KAWAKATSU's Specimen Lot Numbers (KSL No.) registered in his fixing notebook according to his permanent recording system are given.

The length, width and thickness of the preserved specimens listed are described as follows: TL, total length; HML, distance from the anterior tip to the mouth; HGL, distance from the anterior tip to the genital pore; WM, width over the mouth; TB, thickness of the body at the level just anterior to the prepharyngeal region.

Class PLATHELMINTHES

From the desk of Dr. Masaharu KAWAKATSU:

KAWAKATSU'S RETIREMENT FROM FUJI WOMEN'S COLLEGE AND A NEW HOME ADDRESS FOR CORRESPONDENCE

祝

川勝正治教授

御定年記念

1999年3月31日

今後及世界の科学者に向けて、新しい研究成果を発信して下さり。

沖 岩四郎

フラナリアと書いて、古き時代の生物学者の体臭とる。エー... 思... かしらす

高井成幸

先生にお会いして「学者、研究者の良心が人類の未来を築いていく」のたとえを確信しました。今や人生100年の時代。お辞儀お返しに活躍下さい。そして指導下さい。ほんとうにありがとうございました。山本清彦

御退官を祝し先生と令夫人の御健康を祈念申し上げます。「老當益莊」田中一郎



フラナリアの染色体を通して、生きものの不思議を垣間見ました。感謝!! 田村幸子

お見事フラナリア人生 大澤省三

切っても切ってもフラナリア 切っても切ってもフラナリア

垣 寛

先生のお人柄に接して、研究者として真摯で誠実な生き方に、深い感銘を受けました。西野麻知子

創造の業を解明する先生の偉大なライフワークを讃美します。40年に及ぶ御指導に感謝申し上げます。

Congratulations on many years of fine work. 山田達也

フラナリア人生を貫かれたの御退官、本当におめでとうございます。私にとって良き師、良き兄でありました(先生)に、心から感謝いたします。第二の人生も、御健康と共に幸福なものと祈ります。フラナリア! バンザイ。村山均

FIGURES OF THE POSTER PRESENTATION GIVEN AT
THE NINTH INTERNATIONAL SYMPOSIUM ON
THE BIOLOGY OF TURBELLARIA

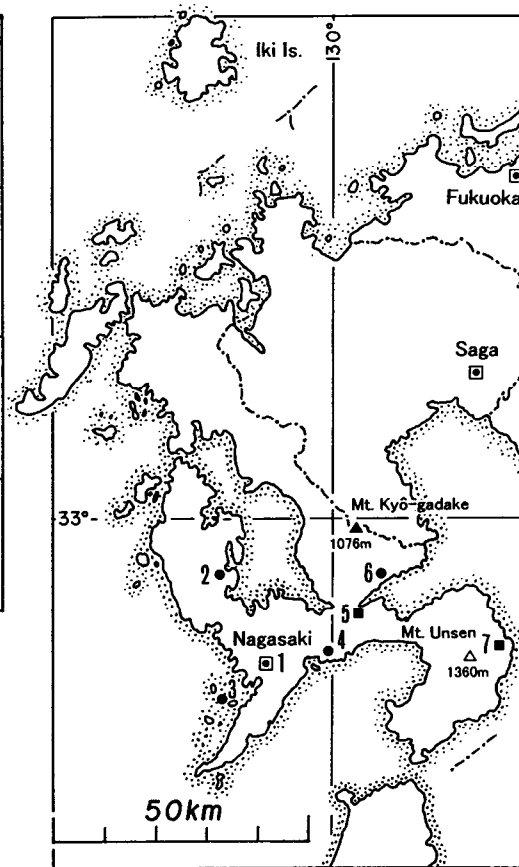
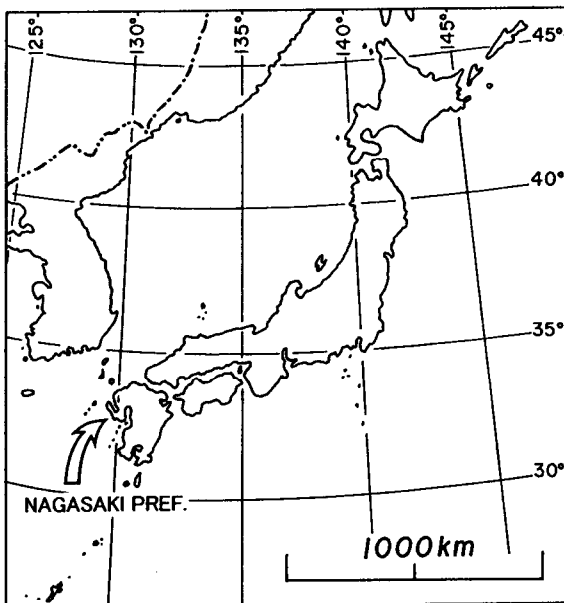
Barcelona June 27 - July 1, 2000

SPAIN

by

Masaharu KAWAKATSU, Kiyohiko YAMAMOTO, Robert E. OGREN
and Masayuki TAKAI

Yamamoto, K., Takai, M., Ogren, R. E. & Kawakatsu, M.: Chromosomes of bipaliid land planarians from the vicinities of Nagasaki in Kyūshū, Southern Japan (Turbellaria, Tricladida, Terricola)

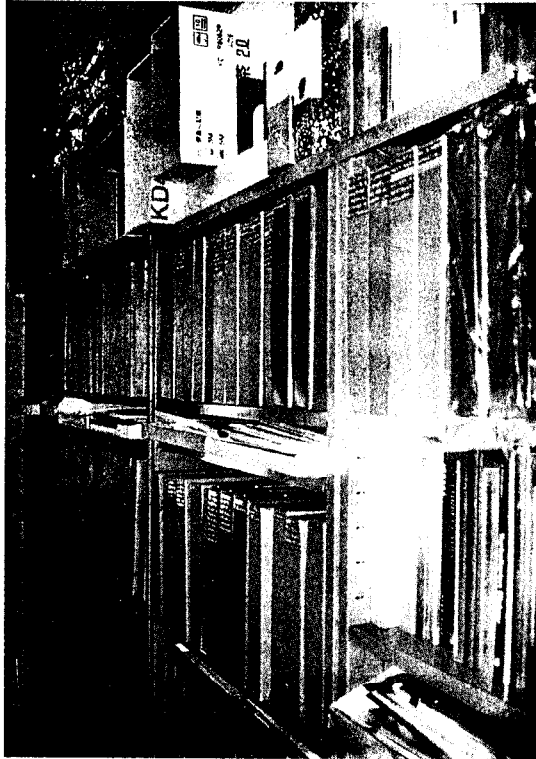


- 1: Nagasaki City (Bunkyō-chō; Nameshi; Kakidō).
- 2: Kinkai-chō in Nishisonogi-gun.
- 3: Iōjima-chō in Nishisonogi-gun.
- 4: Nagayo-chō in Nishisonogi-gun.
- 5: Isahaya City.
- 6: Takaki-chō in Kitasonogi-gun.
- 7: Shimabara City (Benten-chō).

KAWAKATSU's Family Crest



Since the 1600's



川勝正治

001-0909 札幌市北区新琴似9条9丁目/番8号
(電話・ファックス: 011-762-4450)

Dr. Masaharu Kawakatsu

(Tel & Fax: +81-11-762-4450)
9jô 9chôme 1-8, Shinkotoni,
Kita-ku, Sapporo (Hokkaidô)
001-0909, Japan.



川勝正治
001-0909 札幌市北区新琴似9条9丁目/番8号
(電話・ファックス: 011-762-4450)



Dr. Masaharu Kawakatsu

(Tel & Fax: +81-11-762-4450)
9jô 9chôme 1-8, Shinkotoni,
Kita-ku, Sapporo (Hokkaidô)
001-0909, Japan.

川勝正治

001-0909 札幌市北区新琴似9条9丁目/番8号
(電話・ファックス: 011-762-4450)

Dr. Masaharu Kawakatsu

(Tel & Fax: +81-11-762-4450)
9jô 9chôme 1-8, Shinkotoni,
Kita-ku, Sapporo (Hokkaidô)
001-0909, Japan.

