

MISCELLANEOUS PAPERS ON "TURBELLARIANS"

By

MASAHARU KAWAKATSU, EUDÓXIA MARIA FROEHLICH, HUGH D. JONES,
GEN-YU SASAKI, MIYUKI KAWAKATSU and TETSUYA KAWAKATSU

ARTICLE I ¹⁾

A LIST OF PUBLICATIONS ON JAPANESE "TURBELLARIANS" (2005) INCLUDING
TITLES OF PUBLICATIONS ON FOREIGN "TURBELLARIANS" WRITTEN BY
THE JAPANESE AUTHORS

Compiled and annotated by MASAHARU KAWAKATSU, GEN-YU SASAKI,
MIYUKI KAWAKATSU and TETSUYA KAWAKATSU

In a series of publications, of which this is the thirty-eighth, we have collected and classified chronologically the titles of papers and records with regard to our Turbellarians, which were published during the year 2005. As usual we have added the English titles of Japanese papers with no foreign language. Titles in Japanese are omitted in this version.

The pdf versions of 'A List of Publications on Japanese Turbellarians' (published after 2001) are available at our website (<http://planarian.net>). See also Kawakatsu's new website <http://victoriver.com>.

Digital versions of various taxonomic papers published by Kawakatsu's team are available at Kawakatsu's private collection (magneto-optical disc). Digital versions of ecological papers, teaching guides and popular scientific articles are now in preparation.

July 1, 2006. Sapporo , Tôkyô and Kisarazu,
Japan.

1) This paper is affectionately dedicated to the late Dr Robert E. Ogren (Professor Emeritus, Wilkes University, since 1986), who passed away on July 13, 2005 while vacationing in New York State, U.S.A. He was 83 years old (born February 9, 1922 in Jamestown, N.Y.).

Dr Ogren was recognised as an eminent specialist on land planarians. He was the leader of our annual joint publications entitled "Indices for Land Planarians of the World" (1987 to the present) for 18 years. We will long remember the scientific life and work of Robert Ogren.

A LIST OF PUBLICATIONS ON JAPANESE
"TURBELLARIANS" (2005)

Additional Key to the Japanese Journals

ACADEMIA. Kyôto.

Fukiko Ronso (Phoenix). Fukiai High School, Kôbe.

Ichiko Rika. Kôbe.

Environmental Research in Japan. The Ministry of the Environment, Japan. Tôkyô.

Kyoiku-katei Kenkyu Kiyo. Kôbe.

Microscopy. The Japanese Society of Microscopy. Tôkyô.

1 9 8 6 (Showa 61 Nen)

Kitagawa, K. & Ichinohe, F. [Ecological observation of *Platydemus manokwari*, a natural enemy of a giant land snail (*Achatina fulica*)]. Abstracts of the 30th Ann. Meet. of the Jap. Soc. of Applied Entomol. and Zool. & the 16th Ann. Meet. of the Entomol. Soc. of Japan held in Sapporo, on June 19-22, 1986, p. 139. (Jap.)

1 9 8 7 (Showa 62 Nen)

Kaneda, M. & Ichinohe, F. [Ecological observation of *Platydemus manokwari*, a natural enemy of a giant land snail (*Achatina fulica*) II]. Abstracts of the 31st Ann. Meet. of the Jap. Soc. of Applied Entomol. and Zool. held at Yatabe-chô, Ibaraki Pref., in June 1987, p. 85. (Jap.)

1 9 8 9 (Heisei Gan'nen)

Kaneda, M., Nagai, H. & Ichinohe, F. [Ecological observation of *Platydemus manokwari*, a natural enemy of a giant land snail (*Achatina fulica*) III]. Abstracts of the 33rd Ann. Meet. of the Jap. Soc. of Applied Entomol. and Zool. held in Matsudo, in June 1989, p. 212. (Jap.)

1 9 9 0 (Heisei 2 Nen)

Niwa, N. [Planarian as an experimental animal in high-school biology classes]. Fukikô Ronsô - Phoenix (Kôbe), (21): 8-15. (Jap.)

Niwa, N. [Planarian as an experimental animal in high-school biology classes]. Kyôiku-

katei Kenkyû Kiyô for 1989 (Kôbe): 29-34. (Jap.)

1 9 9 1 (Heisei 3 Nen)

Niwa, N. [Regeneration of double-headed planarians]. Fukikô Ronsô - Phoenix (Kôbe), (22): 21-28. (Jap.)

Niwa, N. [Regeneration of double-headed planarians]. Shikô Rika for 1991 (Kôbe): 2-9. (Jap.)

1 9 9 2 (Heisei 4 Nen)

Kitamura, T., Komatsubara, K. & Ôshita, T. [Observations on the ecology and regeneration of planarians]. In: The 34th Japanese Students Science Prize Complete Works, pp. 267-271. Kyôiku-Hôdôsha, Tôkyô. (Jap.)

1 9 9 5 (Heisei 7 Nen)

Yamada, T. (Platyhelminthes). In: Ogano-machi (ed.), Ogano-machi Shizen-Kankyô Chôsa Hôkokusho: Ogano-machi no Shizen, Suihen no Dôshokubutsu. pp. 117-124. Tatsumi Insatu Co., Ogano-machi, Saitama Pref. (Jap.)

1 9 9 8 (Heisei 10 Nen)

Anonym. [An analysis of the factors for a reduction of the endemic land snails in the Ogasawara Islands: Its protective policy]. Environ. Res. Japan (for 1997): 28 / 14-16. (Jap.)

1 9 9 9 (Heisei 10 Nen)

Anonym. [An analysis of the factors for a reduction of the endemic land snails in the Ogasawara Islands: Its protective policy]. Environ. Res. Japan (for 1998): 26 / 11-12. (Jap.)

Takemon, Y., Hirayama, Y. & Tanida, K. Species composition of hyporheos in a bar-island of a Japanese mountain streams. Jap. Jour. Limnol., 60: 403-426.

2 0 0 1 (Heisei 13 Nen)

Sluys, R., Kawakatsu, M. & Timoshkin, O. A. Taxonomic redescription of *Phagocata sibirica* and comparison with *Phagocata vivida* (Tricladida, Paludicola). Belg. Jour. Zool., 131 (Suppl. 1): 193-199.

2 0 0 2 (Heisei 14 Nen)

Hokkaidô Seibutsu-Kyôiku-kai. [Planaria (*Dugesia japonica*)]. In: Hokkaidô Seibutsu-Kyôiku-kai (ed.), "Seibutsu Nandemo Handbook", prefatory photo (*Dugesia japonica*), p. 58. Hokkaidô Seibutsu-Kyôiku-kai Jimukyoku. Sanseisha Printing Co., Sapporo. (Jap.)

Ohbayashi, T. [Report of the Ecology and Prevention of an Exotic Giant Land Snail (*Achatina fulica*) in the Ogasawara Islands]. Second Printing. Prefatory 3 color photos + i-ii + 1-66 pp. Published by the Tôkyô-to Sangyô-Rôdôkyoku Nôrin-Suisanbu / Tôkyô-to Ogasawara

Shichô Sangyô-ka / Ogasawara Anettai Nôgyô Center. Tôkô Insatsu-sho, Tôkyô. (Jap.)

Note. The First Printing of this Report was published in 2001. Misprints in the First Printing were corrected in the Second Printing.

2 0 0 3 (Heisei 15 Nen)

Okochi, I., Chiba, S. & Ohbayashi, T. [Endemic land snails of the Mandrina Group from the Ogasawara Islands are in extremity]. Abstracts of the 50th Ann. Meet. of the Jap. Soc. of Applied Entomol. and Zool. held in Tsukuba, in July 2003, p. 245. (Jap.)

2 0 0 4 (Heisei 16 Nen)

Hwang, J. S., Kobayashi, C., Agata, K., Ikeo, K. & Gojobori, T. Detection of apoptosis during planarian regeneration by the expression of apoptosis-related genes and TUNEL assay. *Gene*, 26 (333): 15-25.

Tanida, K. (Adaptation). [Pictorial keys to stream-dwelling small animals (larvae of aquatic insects, etc.) (Original by Dr. E. M. Edinton)]. Covers + 1-21 pp. River Front Seibi Center, Tôkyô.

Uchiyama, H. [Biotic index for water pollution]. In: Uchiyama's Book: [Seventy-two Questions on Animals], pp. 176-181. Blue Books, No. 1449. Kôdansha Publ. Co., Tôkyô. (Jap.)

2 0 0 5 (Heisei 17 Nen)

Agata, K. (and his team). For publications from the Dr. Agata's team, open the following URLs. http://mdb.biophys.kyoto-u.ac.jp/publications/publications_main.html
<http://brain.brh.co.jp>. Also search publications by 'Kiyokazu Agata'.

The Asahi (Asahi-Shinbun). [A list of 42 harmful exotic invasive animals and plants in Japan (Promulgated by the Ministry of the Environment of Japan)]. July 28, 2005 (Thursday), Morning Edition. (Jap.)

Note. *Platydemus manokwari* de Beauchamp, 1962, is included. See the item of 'The Ministry of the Environment of Japan' in this publication.

Choi, Y.-G., Kim, W.-R. & Yoo, S.-H. Habitat changes of the cave fauna in relation to changes of environmental factors in caves: An example from the limestone caves in Korea. *Jour. Speleol. Soc. Japan*, (30): 57-66.

Note. The following 2 species of "Turbellaria" are listed in Table 2 (on p. 62).

Bipalium sp. Troglaxene. / *Schalloplana* sp. Stygobite (cave water). Spelling error (*Sphalloplana* is correct).

Sphalloplana coreana Kawakatsu et Kim, 1967 is known from Korean caves. Cf. Kawakatsu, M. & Kim, 1967. Results of the speleological survey in South Korea 1966. VI. Freshwater planarians from limestone caves of South Korea. *Bull. Natn. Sci. Mus. Tôkyô*, 10 (3): 247-258 + pls. 1-3.

Damborenea, C., Brusa, F. & Norena, C. New species of *Gieysztoria* (Platyhelminthes, Rhabdocoela) from Peruvian Amazon floodplain with description of their stylet ultrastructure. *Zool. Sci.*, Tôkyô, 22: 1319-1329.

Egger, B. & Ishida, S. Chromosome fission of duplication in *Macrostomum lignano* (Macrostomorpha, Plathelminthes) - remarks on chromosome number in 'archoophoran

turbellarians'. Jour. Zool. System., 43: 127-132.

Hori, I. & Kishida, Y. Effects of retinoic acids on muscular layer regeneration in the planarian *Dugesia japonica*. Program of the 76th Ann. Meet. of the Zool. Soc. of Japan held in Tsukuba, on October 6-8, 2005, p. 147. (Jap.) English abstract of this lecture is printed in Zool. Sci., Tôkyô, 22: 1469.

Inoue, T., Kumamoto, H., Okamoto, K., Umesono, Y., Sakai, M., Sanchez Alvarado, A. & Agata, K. (2004). The determination of the Zoological Science Award for 2005. Biol. Sci. News, No. 403: 15 (z-38); No. 404: 18 (z-47). (Jap.)

Inoue, T., Hayashi, T., Takechi, K., Takechi, K., & Agata, K. Clathrin-dependent endocytosis required for neuronal cell survival in planarian. Program of the 76th Ann. Meet. of the Zool. Soc. of Japan held in Tsukuba, on October 6-8, 2005, p. 147. (Jap.) English abstract of this lecture is printed in Zool. Sci., Tôkyô, 22: 1469.

Ise, Y., Isobe, Y. & Oishi, T. [Feeding behavior of planarians observed in a field stream]. Abstracts of the 70th Ann. Meet. of the Limnol. Soc. of Japan held in Ôsaka, on September 18-21, 2005, p. 176. (Jap.)

Ise, Y., Isobe, Y. & Oishi, T. Planarians as a predator. Program of the 76th Ann. Meet. of the Zool. Soc. of Japan held in Tsukuba, on October 6-8, 2005, p. 161. (Jap.) English abstract of this lecture is printed in Zool. Sci., Tôkyô, 22: 1513.

Ishida, S. & Yoshida, W. Localization analysis of mitochondrial ribosomal RNA in the embryos and regenerating specimens of marine planarian polyclad. Microscopy, 40 (1): 41-45. (Jap. with Eng. Title.)

The Kanagawa (Kanagawa-Shinbun). [Okayama-Kenritsu Tamano High School Seibutsu-Dôkô-kai received the Second Prize for Scientific Articles of the Kanagawa University, 2005]. Title: [Planarian regeneration (*Notoplana humilis* and *Dugesia japonica*)]. December 22, 2005 (Thursday). (Jap.)

Kawakatsu, M., Froehlich, E. M., Jones, H. D., Ogren+, R. E. & Sasaki, G.-Y. ARTICLE II. Additions and corrections of the previous land planarian indices of the world (Platyhelminthes, Seriata, Tricladida, Terricola). Additions and corrections of the previous land planarian indices of the world - 13. Bull. Fuji Women's Univ., (43), II: 85-98. <http://planarian.net/db/lpindex/ix2005.pdf>.

Kawakatsu, M., Froehlich, E. M., Jones, H. D., Ogren+, R. E., Takai, M. & Sasaki, G.-Y. Miscellaneous papers on "Turbellarians". Bull. Fuji Women's Univ., (43), II: 77-98.

Note. This paper consists of 2 articles: ARTICLE I (by Kawakatsu, Takai & Sasaki) and ARTICLE II (by Kawakatsu, Froehlich, Jones, Ogren+ & Sasaki). See each article according to the alphabetical order of the authors' names.

Kawakatsu, M. & Sasaki, G.-Y. A giant Japanese bipaliid land planarian, *Bipalium nobile*, and its related species. The Heredity (Iden), Tôkyô, 59 (7): 16-19. (Jap.)

Kawakatsu, M., Sluys, R. & Ogren, R. E. Seven new species of land planarian from Japan and China (Platyhelminthes, Tricladida, Bipaliidae), with a morphological review of Far

Eastern species. Belg. Jour. Zool., 135 (1) 53-77.

Kawakatsu, M., Takai, M. & Sasaki, G.-Y. A list of publication on Japanese "Turbellarians" (2005) - Including titles of publications on foreign "Turbellarians" written by the Japanese authors. Bull. Fuji Women's Univ., (43), II: 77-85.
<http://planarian.net/db/1st/1st2005.pdf> See also <http://victoriver.com>

Masuda, Y. [Platyhelminthes: Planarian: *Dugesia japonica*]. In: Kondo, S., Tani, K., Takahashi, Y. & Masuda, Y. (eds.), "[Aquatic Organisms Found in Ponds and Rice Fields]", pp. 16 (key), 22 (text and a photo of *D. japonica*), 161 (explanation of terms), 172-174 (index). Tonbo Publ. Co., Osaka. (Jap.)

The Ministry of the Environment, Japan. [Information. Harmful Exotic Animals and Plants Invaded into Japan, with a List of 43 Species]. (Jap.)

<http://www.env.go.jp/press/press.php3?serial=6624>

Note. *Platydemus manokwari* de Beauchamp, 1962, is included in the list. See the item of 'The Asahi' in this publication.

Nakagawa, H., Maezawa, T., Ishizuka, H., Ajima, H., Sakakibara, Y., Tarui, H., Agata, K., Kobayashi, K., Hoshi, M. & Matsumoto, M. Study on endocrine-related molecules in planarian. Program of the 76th Ann. Meet. of the Zool. Soc. of Japan held in Tsukuba, on October 6-8, 2005, p. 157. (Jap.) English abstract of this lecture is printed in Zool. Sci., Tôkyô, 22: 1500.

Nakahara, N. (Guide: Toyosaki, N., Sawada, J. & Fukazawa, M.). [Chlorosis of planarian body pigmentation by light and an observation of phototaxis]. Program of the 76th Ann. Meet. of the Zool. Soc. of Japan held in Tsukuba, on October 6-8, 2005, p. 66 (Poster Presentation by high-school students - without title). Abstract is printed in Biol. Sci. News, No. 408: 27 (z-91). (Jap.)

Nishino, M. *Bdellocephala annandalei*. In Nishino, M & Hamabata, E. (eds.), ["Message from the Naiko: Recovery of Swampy Area around Lake Biwa-ko and the Protection of its Biodiversity"], pp. 13-15 (photos 1-4), 17 (tables 1-2). Sunrise Publ. Co., Hikone. (Jap.)

Nishino, M. & Niwa, N. [Chinese and Korean populations of the genus *Neocaridina* group invaded into the Japanese freshwater]. Abstracts of the 52nd. Ann Meet. of the Ecol. Soc. of Japan held in Ôsaka, on March 27-28, 2005, p. . (Jap.)

Nishitani, S.-I., Yoshida W. & Ishida, S. Freshwater planarians in Shirakami mountains [sic]. II. Chromosomal variations of *Seidlia auriculata* in Kumagera-no-mori Forest and its adjacent area, Shirakami Kenkyû (Hirosaki Univ.), (2): 16-21. (Jap. with Eng. summ.)

Niwa, N. [My recent research: Story of the discovery of crayfish worms (Branchiobdellida) from freshwater shrimps I studied]. Academia (Kyôto), (90): 24-28. (Jap.)

Ohbayashi, T. [*Platydemus manokwari*, a land planarian species known as a predator of endemic land snails of the Ogasawara when Islands, died rapidly soaked in a 10 per cent solution of sea water]. Abstracts of the 49th Ann. Meet. of the Jap. Soc. of Applied Entomol. and Zool. held in Machida, in July 2005, p. 67. (Jap.)

Ohbayashi, T., Okochi, I., Sato, H. & Ono, T. Food habit of *Platydemus manokwari*

De Beauchamp, 1962 (Tricladida: Terricola: Rhynchodemidae), known as a predatory flatworm of land snails in the Ogasawara (Bonin) Islands, Japan. Appl. Entomol. Zool., 40 (4): 609-614.

Okamoto, K., Takeuchi, K. & Agata K. Neural projections in planarian brain revealed by fluorescent dye tracing. Zool. Sci., Tôkyô, 22: 535-546.

[Okayama-Kenritsu Tamano High School - Seibutsu-Dôkô-kai]. See 'The Kanagawa (Kanagawa-Shinbun)' in this publication.

Shimoyama S. (Guidance: Sugano, A.). [Feeding behavior and analytical observation on the pharynx movement in freshwater planaria]. Program of the 76th Ann. Meet. of the Zool. Soc. of Japan held in Tsukuba, on October 6-8, 2005, p. 66 (Poster Presentation by high-school students - without title). Abstract is printed in Biol. Sci. News, No. 408: 22 (z-86). (Jap.)

Note. Miss Seira Shimoyama's article received a Prize of the Minister of the Education, Science and Sports of Japan for her study: Glycogen induces extension of pharynx during feeding in planarians (The 49th Nihon-Gakusei Kagaki-shô) (The Yomiuri = Yomiuri-Shinbun, January 19, 2006). She also received the First Award of Zoology and the Award of the China Association and Technology at the International Science and Engineering Fair (ISEF), 2006 held in Indianapolis, Indiana, U.S.A., on May 7-13, 2006. The Asahi (= Asahi-Shinbun, May 13, 2006.)

Shirasawa, Y., Yoshihama I. & Seo N. Ultrastructural study of the epidermal mucous cells of the land planarian, *Bipalium nobile*, following pepsin treatment. Program of the 76th Ann. Meet. of the Zool. Soc. of Japan held in Tsukuba, on October 6-8, 2005, p. 140. (Jap.) English abstract of this lecture is printed in Zool. Sci., Tôkyô, 22: 1449.

Sluys, R. & Kawakatsu, M. A replacement name for *Ichthyophapa* Syromiatnikova, 1949 (Platyhelminthes: Prolecithophora), with a nomenclatural analysis of its avian senior homonym. Species Diversity, 10: 63-68. Japanese abstract of this paper is printed in Taxa (Proc. Jap. Soc. Syst. Zool.), No. 19 (for 2005): 111.

Sluys, R., Kawakatsu M. & Ponce de Leon, R. Morphological studies in an old and wide spread group of species: Contribution to the taxonomy and biogeography of the genus *Girardia* (Platyhelminthes, Tricladida, Paludicola). Stud. Neotrop. Fauna Environ., 40 (2): 155-180.

Wu S.-K., Kawakatsu, M., Lue, K.-Y., Lee, J.-D., Tsai C.-L., Lin, H.-H., Sluys, R. & Sasaki, G.-Y. A preliminary study on land planarians of Taiwan. Endemic Species Res. (Jiji, Taiwan), 7 (2): 23-40. (Eng. with Chin. abstract.)

Yoshida W., Nishitani, S.-I. & Ishida, S. Freshwater planarians in Shirakami mountains [sic]. III. The molecular phylogenetic relationship in 3 species (Planariidae: *Seidlia*, *Polycelis*) inferred from the partial 18S rDNA sequences. Shirakami Kenkyu (Hirosaki Univ.), (2): 22-27. (Jap. with Eng. sum.)

The Zoological Society of Japan. [Minutes of the Zoological Science Award in 2005 will be given for Dr. Agata's team]. Inoue, T., Kumamoto, H., Okamoto, K., Umesono, Y., Sakai, M., Sanchez. Alvarado, S. & Agata, K. Morphological and functional recovery of the planarian photosensing system during head regeneration. Zool. Sci., Tôkyô, 21 (3): 375-383. Biol. Sci. News, No. 404: 18 (z-47). (Jap.)

The Zoological Society of Japan. [Information about selling of souvenirs at the occasion of

Tsukuba Meeting of the Zool. Soc. of Japan]. [T-shirts with prints taken from the cover design of the Zoological Science (including 'planarian series') will be for sale at the meeting]. Homepage. <http://www.soc.nii.ac.jp/zsj/zool/>

Addresses of the Authors:

Dr. Masaharu KAWAKATSU, 9jô 9chôme 1'8, Shinkotoni, Kita-ku, Sapporo (Hokkaidô) 001-0909, Japan.
Tel & Fax (International: +81 11 762 4450); (Domestic: 011 762 4450).
E-mail (Miss Miyuki Kawakatsu): DQA01524@nifty.ne.jp (The 4th character is "zero", not the letter 0.)

Dr. Eudoxia Maria FROEHLICH, Professor of Zoology, Emeritus, Departamento de Zoologia, Instituto de Biociências, Universidade de São Paulo, Rua do Matão, Travessa 14, N°. 101, Butantã - São Paulo I SP - 05508 900, Brasil.
Tel: International: +55 11 3091 7513 / Fax (International: +55 11 3091-7802). E-mail: emfroeh@ib.usp.br
Home address: Al. J. E. de Lima, 1095/102, CEP 01403-003, São Paulo, SP-Brasil.
Website URL <http://www.ib.usp.br/pesquisa/froehlich.htm>

Dr. Hugh D. JONES, Honorary Lecturer, University of Manchester; Scientific Associate of the Natural History Museum, London. Home address: 6 off Hayfield Road, Birch Vale, High Peak, SK22 1DG, UK.
Tel: (International +44 1663 745438); (Domestic 01663 745438). Email: flatworm@btopenworld.com

Mr. Gen-yu SASAKI, Biology teacher of Jôtô High School of Tôkyô. Home address: Roppongi 1-3-49, Minato-ku, Tôkyô 106-0032, Japan.
Tel. (International: +81 3 3585 1785); (Domestic: 03 3585 1785). E-mail: gen-yu@mtc.biglobe.ne.jp

Miss Miyuki KAWAKATSU. Home address: Tel. and E-mail: The Same as Dr. M. KAWAKATSU.

Mr. Tetsuya KAWAKATSU. Home address: Hachimandai 5-33-12, Kisarazu 292-0814, Japan.
Tel: (Domestic: 0438-37-7274; 090-4095-3140). E-mail: traviq@jcom.home.ne.jp

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