

MISCELLANEOUS PAPERS ON "TURBELLARIANS"

by

MASAHARU KAWAKATSU, EUDÓXIA MARIA FROEHLICH, HUGH D. JONES,
ROBERT E. OGREN, MASAYUKI TAKAI and GEN-YU SASAKI

ARTICLE I (pp. 81-87) <http://planarian.net/db/lst/lst2004.pdf>

A LIST OF PUBLICATIONS ON JAPANESE "TURBELLARIANS" (2003)
INCLUDING TITLES OF PUBLICATIONS ON FOREIGN "TURBELLARIANS" WRITTEN BY
THE JAPANESE AUTHORS

Compiled and Annotated by MASAHARU KAWAKATSU, MASAYUKI TAKAI and GEN-YU SASAKI

日本産渦虫類文献目録 (2003) - 外国産渦虫類に関する邦人著作を含む -
川 勝 正 治 ・ 高 井 成 幸 ・ 佐 々 木 玄 祐 (編著)

In a series of publications, of which this is the thirty-sixth, we have collected and classified chronologically the titles of papers and records with regard to our Turbellarians, which were published during the year 2003. As usual we have added the English titles of Japanese papers which have none of any foreign language.

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

July 1, 2004. Sapporo, Saga and Tôkyô, Japan.

A LIST OF PUBLICATIONS ON JAPANESE "TURBELLARIANS" (2003)

Additional Key to the Japanese Journals
国内雑誌一覧表

弘前大学 教育学部紀要 . 弘前大学 , 弘前 . Bulletin of
the Faculty of Education, Hirosaki University, Hiro-
saki.

1982 (昭和 57 年)

Utinomi, F. Turbellaria - Polycladida. In: Uti-

nomi, F. (ed.): Colored Illustration of Seashore Animals
of Japan. Rev. 3rd Ed. (1st Ed., 1956; Rev. 3rd Ed.,
1976), 6 Printing, pp. 29-30, pl. 15. Hoikusha Publ.
Co., Ltd., Ôsaka. (Jap.) 内海富士夫 . 渦虫綱 - 多岐腸目 .
内海富士夫 (著) 原色日本海岸動物図鑑改訂第 3 版 , 29-30
頁 , 第 15 図版 (図 1-13) . 初版 (1956); 改訂第 3 版 (第 1
刷 , 1976) . 保育社 , 大阪 .

1990 (平成 2 年)

Kostenko, A. B. & Mamkaev, Yu. V. Polozhenie
"Zelenykh Konvoliut" b sisteme beskischechnykh Tur-
bellariï (Acoela, Turbellaria). 1. *Simsagittifera* gen. n.
Zool. Zhur., 69 (6): 11-21. (Russ. with Eng. summ.).

Kostenko, A. B. & Mamkaev, Yu. V. Polozhenie
"Zelenykh Konvoliut" b sisteme beskischechnykh Tur-
bellariï (Acoela, Turbellaria). 2. Sagittiferidae fam. n.
Zool. Zhur., 69 (7): 5-16. (Russ. with Eng. summ.).

1991 (平成 3 年)

Mamkaev, Yu. V. & Kostenko, A. B. On the
phylogenetic significance of sagittocytes and copula-
tory organs in acoel turbellarians. Hydrobiologia,
227: 307-314.

1) This paper is affectionately dedicated to the late Professor Dr. Josef Hauser, S. J., who passed away on March 11, 2004, at São Leopoldo. He was 84 years old (1920-2004).

The deceased was recognized as the founder as well as the prominent leader of the Instituto de Pesquisas de Planárias, Centro de Ciências da Saúde, Universidade do Vale do Rio dos Sinos, São Leopoldo, Rio Grande do Sul, Brasil. We will long remember the scientific life and work of the late Dr. Josef Hauser, S. J.

Note. Kostenko & Mamkaev (1990b) described a new acoelan genus: *Simsagittifera* Kostenko & Mamkaev, 1990. Later, Mamkaev & Kostenko (1991: 309) wrote: ‘... the generic name *Symsagittifera* (lapsus *Simsagittifera*)’. “*Symsagittifera*” is an incorrect original spelling. Cf. ICZN, 4th Ed., 1999, Art. 32.2, 3, 4; Art. 33.3. See the following web article.

Faubel, Kawakatsu, Froehlich, Jones & Sasaki, 2004. The present status of taxonomic studies on Acoela (Platyhelminthes) in Japan. <http://planarian.net/kswp/42/acoela.pdf>.

1999 (平成 11 年)

Sawada, T., Oofusa, K. & Yoshizato, K. Characterization of a collagenolytic enzyme released from wounded planarians *Dugesia japonica*. *Wound Repair Regeneration*, 7 (6): 458-466.

2001 (平成 13 年)

Kawakatsu, M., & Sasaki, G.-Y. Welcome to ‘planarian.net’! (After 2001; continuation.) Web site. <http://planarian.net> このウェブサイトの論文タイトルは Yahoo! Japan <Kawakatsu Masaharu>, <Kawakatsu Miyuki>, <Sasaki Gen-yu>, <planarian.net>などで検索できる。

Kawakatsu, M., & Sasaki, G.-Y. A commentary on a Japanese paper by the late Mr. T. Tozawa in 1917 describing two new *Vorticeros* species (Plathelminthes, “Turbellaria”, Prolecithophora), with its electronic reproduction. Web article only. <http://planarian.net/kswp/35/tozawa.pdf>

Kawakatsu, M., & Sasaki, G.-Y. An electronic reproduction of the late Dr. T. Kaburaki’s three color plates attached to his 1922 papers on Japanese marine, freshwater and land planarians (Plathelminthes, “Turbellaria”, Tricladida), with a taxonomic commentary. Web article only. <http://planarian.net/kswp/36/kaburaki.pdf>

2002 (平成 14 年)

Kawakatsu, M., Mitchell, R. W., Sluys, R. & Sasaki, G.-Y. A list of Triclad Turbellarians from México in Kawakatsu’s Collection. Web article only. <http://planarian.net/kswp/37/mexico.pdf> (text); http://planarian.net/kswp/37/mexico_p.pdf (2 color pls.)

2003 (平成 15 年)

Agata, K. [A new evolutionary thinking from the cytological viewpoint: Studies on planarians of the 21st Century]. [The Fifth Article: The discovery of a

FGFR-related gene *nou-darake*]. *Sci. Jour. Kagaku, Tôkyô*, 73 (1): 112-115. (Jap.) 阿形清和 .細胞から見た新しき進化論 第5回 プラナリアの幹細胞システムを制御する遺伝子, *nou-darake* 遺伝子の発見 .科学, 73 巻, 1 号, 112-115 頁 .

Agata, K. [Molecular and cytological study on the brain evolution and regeneration using planarians]. *Biol. Sci. News*, No. 375: 24 (z-20). By title only. (Jap.) 阿形清和 .「プラナリアを用いた脳の進化と再生に関する生物学的研究」.生物科学ニュース, 375 号(2003 年 3 月号), 24 頁 (z-20 頁) . 標題だけ .

Agata, K. [Why the brain occurs at the head? The discovery of a FGFR-related gene *nou-darake*]. *The Heredity (Iden)*, Tôkyô, 57, No. 2: 4 (prefatory color page), 22-25. (Jap.) 阿形清和 .なぜ脳は頭に行えるのか - プラナリアの *nou-darake* 遺伝子の発見 - .遺伝, 57 巻, 3 月号, 巻頭原色頁(4 頁) + 22-25 頁 .

Agata, K. [Introduction of the studies by members of the Laboratory for Evolutionary Regeneration Biology, RIKEN Kôbe (by the Group Director Dr. Kiyokazu Agata)]. Webpage only. (Jap.) <http://www.riken.go.jp/r-world/research/lab/hasei/evol/> 阿形清和(グループディレクター).独立行政法人 理化学研究所 進化再生グループ 研究紹介 . Yahoo! Japan <planarians> で検索できる .

[Agata, K.] Planarian Regeneration; Planarian CNS; Brain Evolution. Webpage only. http://www.cdb.riken.go.jp/erb/publications/publications_main.html Yahoo! Japan <planarians>で検索できる .

Agata, K. [The discovery of a FGFR-related gene *nou-darake*]. *Cell Technol.*, Tôkyô, 21, No. 12: 1518-1519. (Jap.) 阿形清和 .プラナリア脳形成を頭部に局限する遺伝子 *nou-darake* の発見 .細胞工学, 21 巻, 12 号, 1518-1519 頁 .

Agata, K. “Regeneration and gene regulation in planarians”. *Curr. Opin. Genet. Dev.*, 13: 492-496.

Agata, K., Tanaka, T., Kobayashi, C., Kato, K. & Saitoh, Y. Intercalary regeneration in planarians. *Dev. Dyn.*, 226: 308-316.

Arioka, S., Kobayashi, K., Matsumoto, M. & Hoshi, M. Ploidy of the F₁ offspring by random inbreeding of sexualized triploid worms in the planarian *Dugesia ryukyuensis*. Program of the 74th Ann. Meet. of the Zool. Soc. of Japan held in Hakodate, on September 17-19, 2003, p. 171. (Jap.) 有岡幸子・小林一也・松本 緑・星 元紀 .プラナリア三倍体個体から生じた倍数性の異なる F₁ について .日本動物学会第 74 回大会(函館,平成 15 年 9 月 17-19 日) 予稿集, 171 頁 . English abstract of this lecture is printed in *Zool. Sci.*, 20:1566.

Arita, S. [Bipaliid land planarians observed]. *Field Reporter* (Lake Biwa Museum, Kusatsu), (3) (=27 in the consecutive no.): 14-16. (Jap.) 有田重彦 .今年 はコウガイビルの当たり年? 琵琶湖博物館 フィールド レポーター掲示板, 3 号 (通巻 27 号), 14-16 頁 . Dr. M.

J. Grygier あての川勝の書面(英文)の転写を含む。

Asato, R., Taira, K., Kudaka, J., Nakamura, M. & Itokazu, K. [Epidemiological survey of the rat lungworm, *Angiostrongylus cantonensis*, in Okinawa Prefecture, Japan -(2)]. An Annual Report of the New and Past Infections in Okinawa Prefecture, 2002, pp. 9-25. Okinawa Prefectural Institute of Health Environment, Ôsato-son, Okinawa, Okinawa Prefecture, Japan. (Jap.) 安里龍二・平良勝也・久高潤・中村正治・糸数清正. 広東住血線虫の疫学的調査(2). 沖縄県衛生環境研究所 平成14年度新興・再興感染症調査報告書, 9-25頁(+原色写真 1-12). 広東住血線虫の中間宿主としてワタリコウガイビル *Bipalium kewense* (10-14頁, *Kewense Moseley* と誤記) 及びニューギニアヤリガタウズムシ *Platydemus manokwari* (9-22, 24頁, 写真 6-7) に触れている。(编者註).

Chinone, S. [A color photograph of Kantô-ido-uzumushi (*Phagocata papillifera* (Ijima et Kaburaki, 1916)]. In: Mitsukaidô Shizen-kankyô Chôsakai (ed.), Mitsukaidô no Shizen, pp. 112, 242 (photograph), 299. Mitsukaidô-shi, Kyôiku-Iinkai, Shôgai-gakushû-ka. Mitsukaidô City, Ibaraki Pref. (Jap.) 茅根重夫. 地下水動物(カントウイドウズムシの記事と原色写真を含む); 扁形動物リスト. 水海道自然環境調査会, 「みつかいどうの自然」編集委員会(編)みつかいどうの自然, 112頁, 242頁(右中の写真), 299頁. 水海道市教育委員会 生涯学習科. 新々堂印刷株式会社, 水海道市.

Doignon, G., Artois, T. & Deheyn, D. *Discoplana malagasensis* sp. nov., a new Turbellarian (Platyhelminthes: Polycladida: Leptoplanidae) symbiotic in an Ophiuroid (Echinodermata), with a cladistic analysis of the *Discoplana* / *Euplana* species. Zool. Sci., Tôkyô, 20 (3): 357-369.

Note. In the REFERENCES of their paper (p. 386, right column), a confusion is found for the citation of 2 papers by Katô (1944) and Kawakatsu (1982). Their original citations are as follows:

Kato K (1944) Polycladida of Japan. The Journal of the Sigenkagaku Kenkyusho 1 (3), 257-319. In Japanese. Translated by Kawakatsu M (1982). A commentary on "Polycladida of Japan", a paper by the late Dr. Kojirô Katô published in 1944, with its reprint edition. Occasional Publications of the Biological Laboratory of Fuji Women's College: 1-88.

Katô's 1944 paper was written in English. Kawakatsu's 1982 publication is a Reprint Edition of Katô's paper with Kawakatsu's explanatory comments. The following citations are correct.

Katô, K., 1944. Polycladida of Japan. Jour. Sigenkagaku Kenkyusyo, vol. 1 (no. 3): 257-318 + pls. XXVI- XXIX.

Kawakatsu, M., 1982. A commentary on "Polycladida of Japan", a paper by the late Dr. Kôjirô Katô published in 1944, with its reprint edition. Compiled and Annotated by Masaharu Kawakatsu. Pp. 1-88. Toppan Printing Co., Ltd., Sapporo (Hokkaidô), Japan. Not for sale.

Hase, S., Kobayashi, K., Koyanagi, R., Hoshi, M. & Matsumoto, M. Transcriptional pattern of a novel gene, expressed specifically after the point-of-no-return during sexualization, in planaria. Dev. Genes. Evol., 212: 585-592.

Hori, I. & Kishida, Y. Quantitative changes in nuclear pores and chromatoid bodies induced by neuropeptides during cell differentiation in the planarian *Dugesia japonica*. Submicrosc. Cytol. Pathol., 35 (4): 439-444.

Hoshi, M. [Switch from asexual to sexual reproduction]. Title of a lecture given at the Symposium 2: Sex Determination. Program of the 74th Ann. Meet. of the Zool. Soc. of Japan held in Hakodate, on September 17-19, 2003, pp. 1 and 17. (Jap.) 星元紀. 無性生殖と有性生殖の切替え. 日本動物学会第74回大会(函館, 平成15年9月17-19日) 予稿集, 1頁, 17頁.

Hoshi, M. Switch from asexual to sexual reproduction. 'Symposium on Diversity and Universality in Sex Determination' held in Hakodate, on September 17-19, 2003. Zool. Sci., Tôkyô, 20: 1506.

Ide, H. The determination of the Zoological Society Prize Winners, etc. for 2003. Drs. Hoshi-&-Kobayashi's team will receive the Zool. Sci. Award in 2003 for their 3 serial papers on the analysis of sexuality in *Dugesia ryukyuensis*. Biol. Sci. News, No. 380: 15-16 (z-57 ~ z-58). (Jap.) 井出宏之. 日本動物学会(平成15年度 日本動物学会賞の選考を終えて). 平成15年度 Zoological Science Awardのうち, (4). Kobayashi, K. et al., 2002 (プラナリアの生殖性と環境要因の解析に関する3論文). 生物科学ニュース, 380号(2003年8月号): 15-16頁 (z-57 ~ z-58頁).

Imai, K., Goi, R. & Ikeda, M. [Observations on planarian regeneration: *Dugesia japonica* and *Dugesia austroasiatica*]. Compilations of the Unit Studies by the 3rd-year Students of the Mathematics-and-Science Course, Nigata Prefectural Nagaoka High School, Nagaoka, Honshû, Japan, pp. 56-58. (Jap.) 今井杏子・五井礼子・池田麻美. プラナリアの再生. 平成15年度 スーパーサイエンス ハイスクール 理数科3年課題研究論文集, 56-59頁. 新潟県立長岡高等学校, 長岡市.

Inoue, T., Kobayashi, C., Takechi, N., Ishizawa, K. & Agata, K. Study of genes required for brain regeneration and neuronal maintenance in planarian. Program of the 74th Ann. Meet. of the Zool. Soc. of Japan held in Hakodate, on September 17-19,

2003, p. 172. (Jap.) 井上 武・小林千余子・武智克彰・石澤一也・阿形清和. プラナリア脳の正常再生に不可欠なシナプス小胞リサイクリング関連遺伝子群の機能解析. 日本動物学会第 74 回大会 (函館, 平成 15 年 9 月 17-19 日) 予稿集, 172 頁. English abstract of this lecture is printed in Zool. Sci., Tôkyô, 20: 1567.

[Ishida, S.] [Tôhoku-kogata-uzumushi (*Phagocata teshirogii* Ichikawa et Kawakatsu, 1962), and Kitashiro-uzumushi (*Dendrocoelopsis lactea* Ichikawa et Okugawa, 1958)]. In: "Red Data List of Aomori Prefecture", Webpage. [石田幸子]. トウホクコガタウズムシ; キタシロウズムシ. 青森県レッドリスト. ウェブページ. <http://www.pref.aomori.jp/a-rdb/redlist/list/index.html>

Kadowaki, K. [A strange worm wriggle along...]. Field Reporter (Lake Biwa Museum, Kusatsu), (2) (=26 in the consecutive no.): 20. (Jap.) 門脇きみ子. へんなによろよむし. 琵琶湖博物館 フィールドレポーター 掲示板, 2 号 (通巻 26 号), 20 頁. 写真 2 葉が付されているが, 不鮮明.

Kajihara, H. [A report of 'enquête' about the numbers of described and undescribed species of Invertebrates]. The Second Joint Forum of the Union of Japanese Societies for Systematic Biology held in Tôkyô, on January 11-12, 2003: Program. (Jap.) Notice: This is not a publication. 柁原 宏. 既知種数と未知種数に関するアンケート調査結果. 第 2 回日本分類学会連合シンポジウム (東京, 平成 15 年 1 月 11-12 日) プログラム. 非出版物.

Kawakatsu, M. [Miyama-uzumushi (*Phagocata vivida* (Ijima et Kaburaki, 1916)) - One of vulnerable species (VU) in Hyôgo Prefecture, Kinki Region, Honshû]. In: Kaitei-Hyôgo-ken no Kichô na Shizen / Red Data Book of Hyôgo Prefecture (Rev. Ed., 2003). Pp. 13, 204-205, 374. Shizen-Kankyô-Hozenka, Kankyô-kyoku, Kenmin-Seikatsubu, Hyôgo Pref., Kôbe. Shima Insatsu Co., Kôbe. (Jap.) 川勝正治. ミヤマウズムシ *Phagocata vivida*. 改訂・兵庫県の貴重な自然 - 兵庫県版レッドデータブック 2003 -, 13 頁, 204-205 頁, 374 頁. 兵庫県県民生活部環境局 自然環境保全課. 島印刷株式会社, 神戸.

Kawakatsu, M. Location and present condition of the samples of Japanese "Turbellarians" in Kawakatsu's Collection. (Jap.) 川勝正治. 日本産渦虫類 (扁形動物門: "渦虫綱") の標本管理状況 - 主に三岐腸類の場合 -. 大高明史 (編), "淡水動物の分類・生態情報の整備と公開に関する研究". 河川整備基金助成事業, 平成 14 年度 調査・試験・研究実施報告書. 分類標本情報 抜粋, 2-3 頁. 非出版物.

Note. This is a part of the Report Covering the Activities (2002) of the TAFA (Taxonomic Association for Freshwater Animals, Japan) submitted to the River Conservancy Association: Grant in Aid for the Re-

search of Freshwater Animals (A representative: Dr. Akifumi Ohtaka, Prof. of Hirosaki University). This is not a Publication. See the following web article.

Kawakatsu, M., Sluys, R. & Sasaki, G.-Y., 2004. Type series of Japanese freshwater "Turbellarians". Web article only. <http://planarian.net/kswp/44/types.pdf>

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 (Turbellaria, Seriata, Tricladida, Terricola). Additions and corrections of the previous land planarian indices of the world - 11. Bull. Fuji Women's Univ., (41), II: 89-114. <http://planarian.net/db/lpindex/ix2003.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., (41), II: 89-114.

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. & Horikoshi, I. *Phagocata papillifera* (Ijima et Kaburaki, 1916). In: Mitsukaidô Shizen-kankyô Chôsakai (ed.), Mitsukaidô no Shizen. Pp. 317-320. Mitsukaidô-shi, Kyôiku-Iinkai, Shôgai-gakushûka. Mitsukaidô City, Ibaraki Pref. (Jap.) 川勝正治・堀越 功. カントウイドウズムシ. 水海道自然環境調査会, 「みつかいどうの自然」編集委員会 (編) みつかいどうの自然, 317-320 頁. 水海道市教育委員会 生涯学習課. 新々堂印刷株式会社, 水海道市.

Kawakatsu, M. & Sasaki, G.-Y. [The foundation of turbellariology in Japan was consolidated by papers published in the 1880-1925 Age of the Zoological Magazine, Annotationes Zoologicae Japonenses, and the Journal of the College of Science, Imperial University of Tokyo.] One of the Poster Presentations by the 'Rekishî-Shiryô' Hozon Iinkai' on the occasion of the 74th Ann. Meet. of the Zoological Soc. of Japan held in Hakodate, on September 17-19, 2003. See the Proceedings, p. 33. (Jap.) 日本渦虫類学の基礎は動物学雑誌・日本動物学彙報・東京帝國大學理學部紀要の論文によって固められた. 日本動物学会第 74 回大会 (函館, 平成 15 年 9 月 17-19 日), 歴史資料保存委員会 展示 『今に生きる「動物学雑誌」 - 心に残るこの論文』のひとつ. 予稿集, 33 頁.

Note. This Poster Presentation is collected in the website 'planarian.net' as follows (Kawakatsu & Sasaki, 2004): <http://planarian.net/kswp/41/oldpaper.pdf>

Kawakatsu, M., Takai, M. & Sasaki, G.-Y. ARTICLE I. A list of publications on Japanese Turbellarians (2002) --- Including Titles of publications on foreign Turbellarians written by the Japanese authors ---. Bull. Fuji Women's Univ., (41), II: 89-96. 和文標題: 川勝正治・高井成幸・佐々木 玄祐. 日本産渦虫類文献目録(2002) - 外国産渦虫類に関する邦人著作を含む - . URL は次の通り .

<http://planarian.net/db/lst/lst2003.pdf>

Kawanabe, H., Nishijima, N. & Shokita, S. Publications on the Freshwater Organisms in the Ryukyu Archipelago. In: Nishijima, S. (supervised), Nishida, M., Shikatani, N. & Shokita, S. (eds.), The Flora and Fauna of Inland Waters in the Ryukyu Islands. Pp. 519-539. Tôkai Univ. Press, Tôkyô. (Jap.) 川那辺浩哉・西島信昇・諸喜田茂光. 琉球列島陸水生物文献目録(暫定). 西島信昇 監修, 西田 睦・鹿谷法一・諸喜田茂光(編), 琉球列島の陸水生物, 519-539 頁. 東海大学出版会, 東京. 本編は下記出版物から再録されたものである. 川那辺浩哉・西島信昇・諸喜田茂光(1974). 文部省科学研究費特別研究「人間生存」の研究費補助による「琉球列島の自然とその保護に関する基礎的研究, I」, 255-275 頁. 日本産渦虫類文献目録(1974), 53 頁参照.

Note. This Section of the Book is a reproduction of the previous report by Kawanabe, Nishijima & Shokita (1974): Publications on the Freshwater Organisms in the Ryukyu Archipelago (Tentative List). Ecol. Stud. Nat. Cons. Ryukyu Isl., I: 255-275. Cf. Kawakatsu's previous article: A List of Publications on Japanese Turbellarians (1974), etc. (Bull. Fuji Women's College, (13), II: 53).

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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 O.)

Dr. Masayuki TAKAI, Professor of Biology, Emeritus, Saga Medical School.
Home address: Nishi 1 chôme, 14-5, Shin'ei, Saga 840-0859, Japan.
Tel & Fax (International: +81 952 29 5402); (Domestic: 0952 29 5402).
E-mail: takai-m12622s@sage.ocn.ne.jp

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

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