

Kawakatsu's Web Library on Planarians: December 25, 2013.

MISCELLANEOUS PAPERS ON "TURBELLARIANS"

By

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ARTICLE I

A LIST OF PUBLICATIONS ON JAPANESE "TURBELLARIANS" (2012) INCLUDING TITLES OF PUBLICATIONS ON FOREIGN "TURBELLARIANS" WRITTEN BY THE JAPANESE AUTHORS....

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and TETSUYA KAWAKATSU

In a series of publications, of which this is the forty-fourth, we have collected and classified chronologically the titles of papers and records with regard to our "Turbellarians", which were published during the year 2012. 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 Kawakatsu's website: <http://www.riverwin.jp/pl/> . Left Button: planarian.net mirror. See also Left Buttons: Miscellaneous 05, 06, 07, 08, 09, 10, 11, 12.

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

Notice. Kawakatsu's Old Home Page (<http://victoriver.com>) was closed at the end of March, 2012. His new homepage was opened after August 2012 (<http://www.riverwin.jp/pl/>). All of the web articles contained in the Old HP were transferred into the New HP by the middle of 2013. See also the 'Note for Faubel, A.' in the 2012 web article.

The pdf versions of <A List of Publications on Japanese Turbellarians> (published 2001-2004) are available at Kawakatsu's New Website: <http://www.riverwin.op/pl/> . Left Button: Planarian.net mirror. Land planarian indices series: 2001, 2002, 2003, 2004.

For the recent publications of this series (2005, 2006, 2007, 2008, 2009, 2010, 2011 and 2012) see the same Website. Left Buttons: Miscellaneous 05, Miscellaneous 06, Miscellaneous 07, Miscellaneous 08, Miscellaneous 09, Miscellaneous 10, Miscellaneous 11, Miscellaneous 12.

October 31, 2013. Sapporo and Kisarazu, Japan.

A LIST OF PUBLICATIONS ON JAPANESE "TURBELLARIANS" (2012)

Additional Key to the Japanese Journal

Low Temperature Science (Hokkaidô University). Sapporo City, Hokkaidô, Japan.

Yabunabe-Kaihô. Shizen wo Mitsumeru "Yabunabe Kai". Aomori City, Aomori Prefecture, Japan.

2001 (Heisei 13-Nen)

Sasaki, G-yu & Kawakatsu, M. "Yuji" (=Kôgai) found in an ancient tomb of the Yin Dynasty, China. - Addition of Sasaki's Web Article: Bipaliid land planarians: recorded in Chinese and Japanese Materia Medica. Three pages both in Japanese and English.

<http://www2u.biglobe.ne.jp/~gen-yu/kougai.html> (Jap.)

http://www2u.biglobe.ne.jp/~gen-yu/kougai_e.html (Eng.)

2010 (Heisei 22-Nen)

Oyamauchi, T., 2010. [Ecological observation of plants and animals inhabiting in Gudari-Numa Marsh located in the Tashirotai Moor, Towada-Hachimantai National Park, Aomori Prefecture, located in the northernmost area of Honshû, Japan]. Yabunabe-Kaihô (Aomori), (27): 52-57. (Jap.)

Note. The following 5 species of freshwater planarians were recorded in Gudari-Numa Marsh area. They are: *Phagocata vivida* (Ijima et Kaburaki, 1916); *Phagocata teshirogii* Ichikawa et Kawakatsu, 1962; *Polycelis sapporo* (Ijima et Kaburaki, 1916); *Seidlia auriculata* (Ijima et Kaburaki, 1916); and *Bdellocephala brunnea* Ijima et Kaburaki, 1916.

2011 (Heisei 23-Nen)

Hayashi, T., Motoishi, M., Yazawa, S., Itomi, K., Tanegashima, C, Nishimura, O., Agata, K. & Tarui, H. A LIM-homeobox gene is required for differentiation of Wnt-expressing cells at the posterior end of the planarian body. *Development*, 138 (17): 3679-3688.

Nishimura, L., Inoue, T., Yoshimoto, K., Taniguchi, T., Kitamura, T. & Agata, K. Regeneration of dopaminergic neurons after 6-hydroxydopamine-induced lesion in planarian brain. *Jour. Neurochem.*, 119 (6): 1217-1231.

2012 (Heisei 24-Nen)

Agata, K. [Planarians]. In: Society of the Comparative Physiology and Biochemistry of Japan (ed.), *Methods of Rearing Animals: Researchers' Special Techniques*, Vol. 1. Protozoa, Protostomes and Crustaceans, pp. 55-63 + Front color figure 6 (6 photos). Kyôritsu Publication Co., Tôkyô. (Jap.)

Agata, K. Brain regeneration in planarians. Ôsaka Bio-science Institute, Monthly Lecture, July 20, 2012. By title only. (Jap.)

Agata, K. Biological meaning of switching between asexual and sexual reproduction. [Planarians]. Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 46. (S6-2). (Jap.)

Agata, K. & Inoue, T. Survey of the differences between regenerative and non-regenerative animals. *Div. Growth Differ.*, 54 (2): 143-152.

Chan, J. D., Zhang, D. & Nagai, T. Evidence for a neuronal mechanism for proziquantel activity. XIth ISFB Abstract Book (Stockholm, June 11-16, 2012), p. 20.

Chinone, A. & Matsumoto, M. Analysis of *rad51*-like genes on gametogenesis in triploid planarian. Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 138. (Jap.)

Gammoudi, M., Salvenmoser, W., Tekaya, S., Ishida, S. & Egger, B. Ultrastructure and metamorphosis of Kato's larva (Polycladida, Platyhelminthes). XIth ISFB Abstract Book (Stockholm, June 11-16, 2012), p. 28.

Hagiya, M. Polyclads from Hokkaidô, Japan. Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 123. (Jap.)

Hayashi, T. & Agata, K. A unique FACS method to isolate stem cells in planarians. *Methods Mol. Biol.*, (872): 29-37.

Henmi, Y. & Kawakatsu, M. [The present condition of Japanese horseshoe crab (*Tachipleus tridentatus* (Leach, 1919) and its ectoparasitic marine triclad (*Ectoplana limuli* (Ijima et Kaburaki, 1916)]. In: Japanese Association of Benthology (ed.), *Threatened Animals of Japanese Tidal Flats: Red Data Book of Seashore Benthos*, pp. 174 and 233. Tôkai Univ. Press, Hatano, Kanagawa Pref. (Jap.)

Hikosaka-Katayama, T., Koike, K., Yamashita, H., Hikosaka, A. & Koike, K. Mechanisms of maternal inheritance of Dinoflagellate symbionts in the Acoelomorph worm *Waminoa litus*. *Zool. Sci.*, Tôkyô, 29 (9): 559-567 + Cover Page and the

explanation of the cover picture, *i.e.*, Coral-associated acoel, *Waminoa* sp., found on *Plerogyra sinuosa* from Bohol Island, Philippines.

Hoshi, M. Reproduction and sexuality: What are those? Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 45. (Jap.)

Ishio, M. [A natural increase of exotic freshwater plants and animals was observed in 6 river systems in Yokohama City, Kanagawa Prefecture, Kantô Region, Honshû, Japan] . Kanagawa Shinbun (a newspaper), August 29, 2012. Local News (Yokohama). May 29, 2012. (Jap.)

Note. The occurrence of *Girardia tigrina* (Girard, 1850) is mentioned. Cf. Kawakatsu, Nishino, Ogata † , Kuranishi, Kobayashi & Ohtaka (2012).

Takegawa, Y. [Two exotic freshwater planarian species and diatoms found in mesoaprobic water in the vicinity of Rakkô the Kan'na-gawa River system, Gunma Prefecture, Kantô Region, Honshû, Japan]. Chi'ki ni Seisoku suru Seibutsu ni tsuite no Kenshû-kai, Kôen-Yôshi (February 25, 2012). One page with color photos of living specimens of *Girardia tigrina* (Girard, 1850) and *Girardia dorocephala* (Woodworth, 1897). (Jap.) <http://www.justmystage.com/home/kawagera/rakukou/kensyu201202.html> .

Note. This speaker wrote the occurrence of “Tôn-an-Azia-uzumushi” (*Dugesia austroasiatica* Kawakatsu, 1985) in the same studied area. This uncertain record seems to be a misunderstanding for *Dugesia japonica* Ichikawa et Kawakatsu, 1964. Cf. Kawakatsu, Nishino, Ogata † , Kuranishi, Kobayashi & Ohtaka (2012: 30).

Kaneko, Y., Azuma, Y., Sasaki, Y., Tatsumi, M., Hashimoto, K., Sukawa, W., Ishikawa, K., Haga, H., Inoue, E. & Nishino, M., 2012. Seisaku Kadai Kenkyû 5. Kogan-Seitaikei no Hozen-Shûfuku oyobi Kanri ni Kansuru Seisaku-Kadai-Kenkyû --- Kogan-chikei kara Mita Biwa-Kogan no Genjô to Hensen oyobi Hozen no Hôkôsei --- [Policy-oriented Studies 5: Studies on conservation, restoration and management of the lakeshore ecosystem of Lake Biwa]. Res. Rep. Lake Biwa Environ. Inst., (7): 112-147. (Jap.)

Note. For the distribution of *Girardia tigrina* (Girard, 1850) in Lake Biwa (1995-2005 and 2006-2010), see figs 4.15, A.16 (on p. 134) and explanation (on p. 133). Cf. Kawakatsu, Nishino, Ogata † , Kuranishi, Kobayashi & Ohtaka (2012: 20, pl. III).

Kawakatsu, M. *Phagocata vivida* (Ijima et Kaburaki, 1916). [One of the Near Threatened species (NT) in Tottori Prefecture, Chûgoku Region, Honshû, Japan]. In: Tottori-Ken Seibutsu Gakkai (ed.), Red Data Book Tottori, 2nd Ed., pp. 16, 163-165. Published by the Kôen Shigen-Ka, Seikatsu-Kankyô-Bu, Tottori-Ken, Tottori. Keikô-sha Co., Tottori. (Jap.)

Note. Ed. 1. of this Book was published in 2002. For the Section *Phagocata vivida* written by Kawakatsu is included (pp. 9, 22-23). In the 2nd Ed. of the book, the geographical distribution range of this cold-water species distributed in Oki-no-shima Is. (in the Oki-no-Shima Is.) and Sado Island on the Sea of Japan was added.

Kawakatsu, M., Froehlich, E. M. & Jones, H. D. Miscellaneous papers on “Turbellarians.” ARTICLE II. Additions and corrections of the previous land planarian indices of the world (Platyhelminthes, Seriata, Tricladida, Continenticola, Geoplanoidea). Additions and corrections of the previous land planarian indices of the world-20. Kawakatsu’s Web Library on Planarians: November 15, 2012. <http://www.riverwin.jp/pl/> . Left button: Miscellaneous 12. Pp. 11-22.

Kawakatsu, M., Froehlich, E. M., Jones, H. D., Kawakatsu, M-y. & Kawakatsu, T. Miscellaneous papers on “Turbellarians”. Kawakatsu’s Web Library on Planarians: November 15, 2012. <http://www.riverwin.jp/pl/> . Left button: Miscellaneous 12. Pp. 1-22.

Note. This web article consists of 2 web articles: ARTICLE I (by Kawakatsu, M., Kawakatsu, M-y. & Kawakatsu, T.) and ARTICLE II (by Kawakatsu, M., Froehlich, E. M. & Jones, H. D.). See each web article according to the alphabetical order of the authors’ names.

Kawakatsu, M., Kawakatsu, M-y. & Kawakatsu, T. Miscellaneous papers on “Turbellarians”. ARTICLE I. A list of publications on Japanese “Turbellarians” (2011). Including titles of publications on foreign “Turbellarians” written by the Japanese authors... Kawakatsu’s Web Library on Planarians: November 15, 2012. <http://www.riverwin.jp/pl/> . Left button: Miscellaneous 12. Pp. 1-10.

Kawakatsu, M. & Nishino, M. Flatworms (“Turbellarians”) and ribbon worm (Nemertean) of Lake Biwa. In: Kawanabe, H., Nishino, M. & Maehata, M. (eds.), Lake Biwa: Interactions between Nature and People. Front cover photos (*Bdellocephala annandalei* and its cocoon)(without pagination) + Text 2.4, 2 (on pp. 77-78) + Appendix 2.8 (on pp. 573-579). Springer, Berlin, etc.

Kawakatsu, M., Nishino, M., Ogata †, K., Kuranishi, R. B., Kobayashi, N. & Ohtaka, A. Two North American freshwater planarian species now naturalized in Japan: *Girardia tigrina* (Girard, 1850) and *Girardia dorocephala* (Woodworth, 1897) --- In connection with the field survey of benthic invertebrates ---. Kawakatsu’s Web Library on Planarians: December 15, 2012. <http://www.riverwin.jp/pl/> . Pp. 1-35; pls. I-VII. (In English, with a Japanese synopsis.)

Kazama, T., Komatsu, Y. & Kobayashi, R. A study for the propulsive mechanism of the locomotion of polyclad flatworms by the analysis of anchoring dynamics. Abstracts of the 83rd Ann. Meet, of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 112. (Jap.)

Note. The sample used was *Planocera multitentaculata* Katô, 1944.

Kobayashi, K. & Hoshi, M. Sex-inducing effect of a hydrophilic fraction on reproductive switching in the planarian *Dugesia ryukyuensis* (Seriata, Tricladida). *Frontiers in Zoology*, 2011, 8 (23). 11 pages.

<http://www.frontiersinzoology.com/content/8/1/23> .

Kobayashi, K., Maezawa, T., Nakagawa, H. & Hoshi, M. Existence of two sexual races in the planarian species switching between asexual and sexual reproduction. *Zool. Sci.*, Tôkyô, 29: 265-272.

Maezawa, T., Tanaka, H., Nakagawa, H., Horiike, K. & Kobayashi, K. D-Amino acid oxidase is involved in sexual induction in the planarian *Dugesia ryukyuensis*. Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 138. (Jap.)

Miyazaki, T. [What are Planarians? ... Planarian Regeneration Experiments for Students and Biology Teachers]. *Gentôsha Renaissance 2012*. Pp. 1-143. Gentôsha Publ. Co., Tôkyô. (Jap.)

Note. This book is dedicated to Dr. Masaharu Kawakatsu.

Morita, N. & Saito, Y. Developing laboratory culturing system of polyclad direct development larva and observation of its growth process. Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 168. (Jap.)

Nakagawa, H., Ishizu, H., Chinone, A., Kobayashi, K. & Matsumoto, M. The *Dn-nanos* gene is essential for germ cell specification in the planarian *Dugesia ryukyuensis*. *Int. Jour. Dev. Biol.*

Nakagawa, H., Maezawa, T., Horiguchi, Y. & Kobayashi, K. Evolutionary conservation of sex-inducing substances in the planarian *Dugesia ryukyuensis*. Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 151. (Jap.)

Nagasawa, K. A checklist and bibliography of the parasites of Manila clams (*Ruditapes philippinarum*) of Japan (1906-2012). *Bull. Biogeogr. Soc. Japan*, 67: 25-40.

Note. Two flatworm species are listed. They are as follows: Acoela. *Convoluta japonica* Katô 1951. / Polycladida, Acotylea. *Stylochus uniporus* Katô, 1944.

Nakano, H. Development of *Xenoturbella bocki*. Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 159. (Jap.)

Nakano, H., Lundin, K., Bourlat, S. J., Telford, M. J., Funch, P., Thorndyke, M. C. & Obst, M. The non-brooded direct development of *Xenoturbella bocki*

(Xenacoelomorph). New clues to the origins of the deuterostome or bilaterian body plan. XIth ISFB Abstract Book (Stockholm, June 11-16, 2012), p. 35.

Nishimura, O., Hirao, Y., Tarui, H. & Agata, K. Comparative transcriptome analysis between planarian *Dugesia japonica* and other platyhelminth species. *BMG Genomics*, 13 (1): 289.

Nishimura, K., Kitamura, Y. & Agata, K. Regeneration of brain and dopaminergic neurons utilizing pluripotent stem cells: Lessons from planarians. *Neural Stem Cells and Therapy*, (2012): 141-158.

Nishino, M. (ed.), Pictorial Database on the Biodiversity of Lake Biwa. Biwa Environ. Res. Inst., Shiga Pref., Ôtsu. (Jap.)
http://www.lberi.jp/root/jp/62pick/tayosei_db/index.html .

Note. This web Pictorial Database contains 9 web articles written by Nishino & Kawakatsu (*i.e.*, 8 articles on planarians and a single article on ribbon worm). Each of those items will be listed separately in the present web publication.

Nishino, M. & Kawakatsu, M. “Turbellarians” . Order Macrostromida; Order Proleclithophora; Order Tricladida; Suborder Continenticola; Order Temnocephalida. In: Nishino, M. (ed.), 2012. Pictorial Database on the Biodiversity of Lake Biwa, 6 pages (with 2 figures). (Jap.) <file://E:\DB\SPECIES\uzumushi.html> .

Nishino, M. & Kawakatsu, M. *Macrostromum* sp. Kawamura, 1918. In: Nishino, M. (ed.), 2012. Pictorial Database on the Biodiversity of Lake Biwa, 1 page (with 2 figures and a distribution map). (Jap.) file://E:\DB\DATA\Microstromum_sp\index.html .

Note. See the following article: Faubel (2008: 58, fig. 29). Faubel, A., 2008. Monograph of Macrostromida and Haplopharyngida (Plathelminthes: Rhabditophora). Kawakatsu’s Homepage. <http://www.riverwin.jp/pl> . LINKS. See also Left Button: Dr Faubel HP.

Nishino, M. & Kawakatsu, M. *Macrostromum kawamurai* Okugawa, 1930. In: Nishino, M. (ed.), 2012. Pictorial Database on the Biodiversity of Lake Biwa, 1 page. (Jap.) <file://E:\DB\data\Macrostromum-kawamurai\index.html> .

Note. See the following article: Faubel (2008: 101-102, fig. 42). See also a color photo of a living specimen of *Microstromum kawamurai* in the Section ‘taxonomy’ of Dr. Faubel HP. See the Note of *Macrostromum* sp.

Nishino, M. & Kawakatsu, M. *Plagiostomum lemani* (Du Plessis, 1874). In: Nishino, M. (ed.), 2012. Pictorial Database on the Biodiversity of Lake Biwa, 1 page (with 2 figures and a distribution map). (Jap.) <file://E:\DB\data\Plagiostomum-lemani\index.html> .

Nishino, M. & Kawakatsu, M. *Phagocata kawakatsui* Okugawa, 1956. In: Nishino, M. (ed.), 2012. Pictorial Database on the Biodiversity of Lake Biwa, 1 page (with 2 figures and a distribution map). (Jap.).

<file://E:\DB\DATA\Phagocata-kawakatsui\index.html> .

Nishino, M. & Kawakatsu, M. *Bdellocephala annandalei* Ijima et Kaburaki, 1916. In: Nishino, M. (ed.), 2012. Pictorial Database on the Biodiversity of Lake Biwa, 1 page (with 2 figures and a distribution map). (Jap.)

<file://E:\DB\DATA\Bdellocephala-annandalei\index.html> .

Nishino, M. & Kawakatsu, M. *Dugesia japonica* Ichikawa et Kawakatsu, 1964. In: Nishino, M. (ed.), 2012. Pictorial Database on the Biodiversity of Lake Biwa, 2 pages (with a figure and a distribution map). (Jap.)

<file://E:\DB\data\Dugesia-japonica\index.html> .

Nishino, M. & Kawakatsu, M. *Girardia tigrina* (Girard, 1850). In: Nishino, M. (ed.), 2012. Pictorial Database on the Biodiversity of Lake Biwa, 4 pages (with 3 color photos of living specimens and 2 distribution maps in Lake Biwa: 1995-2005 and 2006-2010). (Jap.).

<file://E:\DB\data\Girardia-tigrina\index.html> .

http://www.lberi.jp/root/jp/62pick/tayosei_db/data/Girardia-tigrina/index.html .

Nishino, M. & Kawakatsu, M. *Scutariella japonica* (Matsjašič, 1990). In: Nishino, M. (ed.), 2012. Pictorial Database on the Biodiversity of Lake Biwa, 4 pages (with a figure and a distribution map). (Jap.).

<file://E:\DB\data\Scutariella-japonica\index.html> .

Nishino, M. & Kawakatsu, M. *Prostoma ohmiense* Chernyshev, Timoshkin et Kawakatsu, 1998. In: Nishino, M. (ed.), 2012. Pictorial Database on the Biodiversity of Lake Biwa, 1 page (with a figure and distribution maps). (Jap.)

<file://E:\DB\data\Prostoma-ohmiense\index.html> .

Nodono, H. & Matsumoto, M. Observation of seasonal change of planarian reproductive mode in the field and laboratory. Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 153. (Jap.)

Ohtaka, A. [Benthonic invertebrates found in the water systems of the Jūniko lakes in the Shirakami Mountains, Aomori Prefecture, northern Honshū, Japan]. Hirodai Booklet, (8): 1-94. Hirosaki-Daigaku Shuppan-kai. Yamato-Insatsu Co., Hirosaki.

Note. Four species of planarians found in the Koshiguchi-no-Ike water system are listed on pp. 76-78 (table 5-1 and fig. 5-13). They are: *Dugesia japonica* Ichikawa et Kawakatsu, 1964; *Phagocata vivida* (Ijima et Kaburaki, 1916); *Polycelis sapporo* (Ijima et Kaburaki, 1916), and *Seidlia auriculata* (Ijima et Kaburaki, 1916) (fig. 5-13, top-middle). The occurrence of a freshwater ribbon worm (*Prostoma* sp.) is also recorded.

Ohtaka, A. Distribution and activity of intranivean invertebrates in snowmelt season in Aomori Prefecture, northern Japan. *Low Temper. Sci.*, 70: 113-117. (Jap. with Eng. summ.) <http://hdl.handle.net/2115/49050>.

Note. Prorhynchidae sp. was obtained from a suspension field at Sakamoto, Hirosaki City (p. 116, fig. 3 left photo). A tentative identification of Dr. Ohtaka's sample was made by Kawakatsu.

Ohtaka, A., Gelder, S. R., Nishino, M., Ikeda, M., Toyama, H., Cui, Y.-D., He, X.-B., Wang, H.-Z., Chen, R.-B. & Wang, Z.-Y. Distribution of two ecosystem-bionts, branchiobdellidans (Annelida: Clitellata) and Scutariellids (Platyhelminthes: "Turbellaria": Temnocephalida), on atyid shrimp (Arthropoda: Crustacea) in southeast China. *Jour. Nat. Hist.*, 46 (25-26): 1547-1556.

Note. For *Scutariella japonica*, see p. 1552 (fig. 1B; fig. 2, distribution map).

Osawa, S. [My Reminiscent Talks: From a boy of insect lover to the molecular biologist]. Pp. 1-233 + the final page. Kubapuro Publ. Go., Tôkyô.

Note. For planarians, see pp. 181-184 in the Chapter 7. This book was based upon Dr. Osawa's Japanese articles (1911) published in the *Soc. Evolut. Stud. Jap. News*, 12 (2): 2-16; 12 (3): 15-37.

Sakai, M. & Sakaizumi, M. The complete mitochondrial genome of *Dugesia japonica* (Platyhelminthes; Order Tricladida). *Zool. Sci.*, Tôkyô, 29 (10): 672-680.

Sakurai, T., Lee, H., Kashima, M., Saito, Y., Hayashi, T., Kudome-Takamatsu, T., Hishimura, O., Agata, K. & Shibata, N. The planarian P2X homolog in the regeneration of asexual reproduction. *Int. Jour. Dev. Biol.*, 56 (1-2-3): 173-182.

Salô, E. & Agata, K. Planarian regeneration: a classic topic claiming new attention. *Int. Jour. Dev. Biol.*, 56 (1-3): 1-4.

The Sankei (Sankei Shinbun). [A total of 24 species of exotic freshwater plants and animals was observed in 6 river systems in Yokohama City, Kanagawa Prefecture, Kantô Region, Honshû, Japan]. *Sankei Shinbun* (Kanagawa Ed.). May 16, 2012. (Jap.)

Note. The occurrence of *Girardia tigrina* (Girard, 1850) and *Girardia dorocephala* (Woodworth, 1897) is mentioned. Cf. Kawakatsu, Nishino, Ogata †, Kuranishi, Kobayashi & Ohtaka (2012).

Schilling, S. History of Turbellarian Research.

<file:///F:/History-TurbellarianResearch.mht>.

Note. This web article is a sister volume to the “Turbellarian Taxonomic Database” issued by Tyler, S., Schilling, S., Hooge, M. & Bush, L. F. (2006-2012). Several Japanese turbellariologists are included. Turbellarian Taxonomic Database. Version 1.7. <http://turbellaria.umaine.edu> .

Shibata, N., Hayashi, T., Fukumura, R., Fujii, J., Kudome-Takamatsu, T., Nishino, O., Sano, S., Son, F., Suzuki, N., Araki, R., Abe, M. & Agata, K. Comprehensive gene expression analysis in pluripotent stem cells of a planarian, *Dugesia japonica*. *Int. Jour. Dev. Biol.*, 56 (1-3): 103-102.

Shirasawa, Y. Histological observations on the process of head and pharyngeal regeneration of small transected pieces in the land planarian, *Bipalium nobile*. Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 100. (Jap.)

Sudo, K., Hirano, Y. & Kuramochi, T. Parasitic flatworms found from opisthobranch hosts in Japan. XIth ISFB Abstract Book (Stockholm, June 11-16, 2012), p. 57.

Taira, R. & Tochinai, S. Are nutrient uptake and elimination of foreign substances exerted by the same planarian phagocytes? Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 100. (Jap.)

Takagi, Y. Origin and evolution of sexual reproduction. Abstracts of the 83rd Ann. Meet. of the Zool. Soc. of Japan held in Toyonaka, on September 13-15, 2012, p. 45. (Jap.)

Tsushima, J., Nishimura, K., Tashiro, N., Takata, K., Ashihara, E., Yoshimoto, K., Ariga, H., Agata, K. & Kitamura, Y. Protective effect of planarian DJ-1 against 6-hydroxydopamine-induced neurotoxicity. *Neurosci. Res.*, 74 (12): 277-283.

Yokohama Environmental Science Research Institute. [A Press Announcement: The results of biological survey of rivers in Yokohama City]. April 26, 2012. 2 pages. (Jap.)

Note. An increment tendency is found about the members of naturalized populations of two exotic freshwater planarians, *Girardia tigrina* (Girard, 1850) and *Girardia dorocephala* (Woodworth, 1897), in rivers of Yokohama City (with 2 photos of living specimens). Cf. Kawakatsu, Nishino, Ogata †, Kuranishi, Kobayashi & Ohtaka (2012).

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December 25, 2013.

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