

5. СПИСЪК НА ПУБЛИКАЦИИТЕ

НА ДОЦ. Д-Р СНЕЖАНА ПЕТРОВА МОНЧЕВА

УЧАСТНИК В КОНКУРС ЗА АКАДЕМИЧНА ДЛЪЖНОСТ „ПРОФЕСОР“ НАУЧНА СПЕЦИАЛНОСТ 02.22.01 ЕКОЛОГИЯ И ОПАЗВАНЕ НА ЕКОСИСТЕМИТЕ ПРИ ИО-БАН

5А. АВТОРЕФЕРАТ И НАУЧНИ ТРУДОВЕ, СВЪРЗАНИ С ПРИСЪЖДАНЕТО НА ОБРАЗОВАТЕЛНАТА СТЕПЕН ДОКТОР

Мончева С.П. 1991. Екология на масови фитопланктонти от Черно море в условията на антропогеннаeutрофизизация. **Автореферат** на Докт. Дис., Институт по Океанология-БАН, Варна, 33 стр.

СИМВОЛИ

- ❖ - статия в списание;
 - ✓ - статия в списание с импакт фактор
 - други издания, поредици, сборници
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- ❖ **5A_1. Мончева**, С., Ц. Консулова, 1983. Фитопланктоњт в храната на култивирани миди *Mytilus galloprovincialis* Lam. в района на н. Калиакра. **Изв. ИРР**, Варна, т. 20, 145-152.
- ❖ **5A_2. Мончева**, С., Ц. Консулова, М. Желязкова 1990. Върху токсичността на динофлагелатите *Prorocentrum micans* Ehr. и *Exuviaella cordata* Ost., предизвикващи цъфтение на водата в Черно море. **Хидробиология**, 35, Експериментална алгология, БАН, София, 28-32.
- ❖ **5A_3. Мончева**, С., Ч. Русев, И. Софронов 1991. Върху биологичната цикличност на някои “цъфтежни” фитопланктонни видове от Българското черноморско крайбрежие. **Океанология**, т. 21, С., БАН, 31-38.
- ❖ **5A_4. Мончева** П.С. 1991. Количествено развитие на фитопланктонни видове като индикатор заeutрофизацията на българското черноморско крайбрежие. **Океанология**, С., БАН. 21, 21-30.
- ❖ **5A_5. Мончева**, П. С. 1991. Върху термохалинната характеристика на развитие на някои масови фитопланктонни видове от северната част на Българското черноморско крайбрежие. **Океанология**, т. 21, С. БАН, 14-20.
- 5A_6. Мончева**, С. П., 1987. Цъфтежите и сукцесията на фитопланктона в условията наeutрофизация. Първа НК по проблемите на биологичния мониторинг. Пловдив 22-24.10.1987. Сб. докл. 133-138.
- 5A_7. Мончева**, С. П., 1988. Върху някои структурни параметри на фитопланктона от българското черноморско крайбрежие в условията наeutрофизация. ННС “Екология и опазване на природната среда”. 24-25.11.1988, Пловдив, Сб. Докл. 29-31.
- 5A_8. Мончева**, С. 1989. Цъфтежите на фитопланктона във връзка с някои абиотични фактори на средата. НПК “Състояние на изследванията, рационалното усвояване и защита на природните ресурси на Варненския регион”. 30.10.1989, Варна, Сб. докл. 134-145.

5Б. НАУЧНИ ТРУДОВЕ ЗА ПРИСЪЖДАНЕ НА НАУЧНОТО ЗВАНИЕ „ДОЦЕНТ”

✓ **5Б_1.** Georgiev G.,M., , T. K. Kalkanjiev, Zh. Nickolov, S. P. **Montcheva** 1981. Quantitative Analysis of Phytoplankton Monocultures in vivo by Laser Excited Fluorescence. *J. Luminescence*, Elsevier, 26, 151- 157, ISSN:0022-2313, doi:10.1016/0022-2313(81)90177-0 [IF: 1.795]

5Б_2. Мончева, С 1985. Фитопланктона - индикатор за състоянието на морската среда. Национална Научно-техническа Конференция “Предотвратяване за замърсяването и възстановяване качествата на морската среда”, Варна 17-18.10.1985, Сб. докл., 32-39.

5Б_3. Консолов, А., Ц. Консулова, С. **Мончева** 1989. Върху екологичното състояние на водната маса и дъното при осъществяване на напречен “байпасинг” в района на Варненски залив. Национална Научно-техническа Конференция “Състояние на изследванията, рационалното усвояване и защита на природните ресурси на Варненския регион”. 30.10.1989. Варна, сб. докл. 163-177.

5Б_4.Мончева, С. 1989. Върху някои биологични аспекти на “цъфтежните” явления. Национална Научно-техническа Конференция “Състояние на изследванията, рационалното усвояване и защита на природните ресурси на варненския регион”. 30.10.1989. Варна, Сб. докл. 110-121.

5Б_5.Мончева, С. 1990. Оценка на възможностите на дистанционен експрес метод за количествен мониторинг на фитопланктона в Черно море. Четвърта Национална Конференция “Научният продукт - проблеми и перспективи”. 23-24.11.1990 Варна; Сб. докл., 64-67.

5Б_6.Мончева, С. 1991. Фитопланктона на Варненското езеро - синдроми на антропогеннаeutroфизация. Втора Национална Конференция “Рационалното усвояване и защита на природните ресурси на варненския регион”. 31.10.-01.11.1991. Варна, Сб. докл. , 79-87.

❖ **5Б_7. Moncheva,** S. 1991. On the Toxicity of Exuviaella cordata Ost. Blooming in Black Sea. *Rev. Internationale d'Oceanographie Medicale*, 101-102-103-104, 124-126, ISBN ISSN 0035-3493

✓ **5Б_8.** Konsulova Ts., A. Konsulov, S. **Moncheva** 1991 Ecological characteristic of Varna Bay (Black sea) coastal ecosystem under summer "bloom" conditions. *Compt. rend. Acad. bulg. Sci.*, 44, 8, 115-117, ISSN-0366-8681 [IF: 0.219]

5Б_9.Moncheva, S. 1992. Cysts of blooming dinoflagellates from Black Sea. *Rapp. Comm. int Mer Medit*, 33, 261. ISSN: 0373-434X

5Б_10.Moncheva, S. T. Trayanov, D. Solakov, 1992. Thermal Influence of thermoelectric power station “Varna” on Varna Lake ecosystem and ecological impact. *Rapp. Comm. int Mer Medit*, 33, 262. ISSN: 0373-434X

5Б_10а. Траянов Т., С. **Мончева**, Д. Солаков, Н. Николов, Х. Слабаков, Л. Ямолов, 1991. Топлинно замърсяване на Варненското езеро от ТЕЦ-Варна и екологичният му ефект. 2 НК “Рационалното усвояване и защита на природните ресурси на варненския регион”. 31.10. - 01.11.1991. Варна, Сб. докл. , 88-97.

✓ **5Б_11.** Shtereva G.P., S. P. **Moncheva**, 1993. Suspended Matter and its Phytoplankton component along the Bulgarian Black sea coast. *Compt. rend. Acad. bulg. Sci.*, 46, 7, 103-106 ISSN-0366-8681, [IF: 0.219]

5Б_12. Vasilev, V., S. **Moncheva**, D. Moneva. 1994. Chlorophyll a as a measure of phytoplankton biomass and production (a case study in Pomorie lake). Black Sea'94, Proceedings International Conference with a Workshop on Regional Cooperation Project for Integrated Research and Monitoring of the Black Sea, 94-96.

5Б_13. Moncheva S., V.Doncheva, G.Stereva, A. Konsulov, E. Kozhuharov 1995. Phytoplankton in the particulate matter flux in Varna Bay (Black Sea) *Rapp. Comm.int.Mer.Medit.*,34,123, ISSN: 0373-434X

5Б_14. Moncheva, S. 1995. Phytoplankton under the influence of eutrophication - peculiarities and ecological significance. Proc.of the Symp. "Ecological Problems and Economical Prospects of the Black sea", 16-18 Sept. 1991, Istanbul, Turkey, Published by the Black Sea Foundation, 271-279.

✓ **5Б_15.** Aubrey, D., S. Moncheva, E. Demirov, V. Diaconu, A. Dimitrov 1995. Environmental changes in the Western Black Sea related to Anthropogenic and Natural Conditions. *Journal of Marine Systems* , 7, 411-425, ISSN: 0924-7963 [IF:2.005]

5Б_16. Moncheva S., V.Petrova-Karadjova, A.Palasov. 1995. Harmful Algal Blooms along the Bugarian Black Sea Coast and Possible patterns of Fish and Zoobenthic Mortalities. In: Harmful Marine Algal Blooms, P Lassus, G.Arzul, E.Denn, P. Gentien [eds], Lavoisier Publ. Inc.,193-198.

❖ **5Б_17.** Moncheva S., T. Konsulova, A. Konsulov,. 1996. Ecological aspects of sand mining projects along the Bulgarian Black sea coast. *Coastal Management and Habitat Conservation,*. Ed. A.H.P.M. Salman, M.J. Langeveld and M. Bonazountas. EUCC, Leiden, The Netherlands, , 223-232. ISBN 90 75502- 02-8

❖ **5Б_18.** Slabakov Ch., S. Moncheva, A. Palazov, A. Konsulov, T. Trayanov, N. Nickolov 1996. A possible express method for plankton abundance detection in sea water. *Coastal Management and Habitat Conservation,*. vol.2. Ed. A.H.P.M. Salman, M.J. Langeveld and M. Bonazountas. EUCC, Leiden, The Netherlands, , 253-258. ISBN 90 75502- 02-8

5Б_19. Moncheva S., L. Mihova, I. Stirkov, A. Stoyanov. 1996. Biogeochemical investigation off the Bulgarian Black Sea shelf applying a new technical approach. MARIND'96, Proceedings of the First International Conference on Marine Industry [ed. Peter Bogdanov), Varna, Bulgaria, vol.2, 391-396.

5Б_20. Консулова Ц., А. Консулов, С. Мончева, А. Великов, Л. Камбурска, 1997. Съвременно състояние на фитопланктона, зоопланктона и зообентоса в морската зона прилежаща към резервата Калиакра. *BSBCP, Българо-Швейцарска програма за опазване на биоразнообразието в България. Сб. Научни доклади* "Добруджа-Калиакра", Изд. на ВСИ, 77-87.

5Б_21. Moncheva S., A. Krastev. 1997. Some aspect of phytoplankton long-term alterations off Bulgarian Black Sea shelf. In: E. Ozsoy, A. Mikhaelian [ed.] Sensitivity to Change: Black Sea, Baltic Sea and North Sea. *NATO ASI Series*, 2.Environment - vol.27, Kluwer Academic Publ., 79 – 94, ISBN- 0-7923-4535-5

5Б_22. Petrova-Karadjova, S. Moncheva, 1998. Biological Diversity of the Pelagic ecosystem in the Bulgarian Black Sea - Phytoplankton. In: Konsulov A. *Black Sea Biological diversity in Bulgaria*, UN Publications, New York, Black Sea Environmental series, vol.5, 10-12 & 52-58.ISBN: 92-1-126097-3

5Б_23. Moncheva S., G. Stereva, A.Krastev, N.Bodeanu, A.Kideys, Bayrakdar S., 1998. Vertical distribution of summer phytoplankton in the Western Black Sea during 1991-1995 with respect to some environmental factors. In: Ecosystem Modeling as a Management Tool for the Black Sea, Scientific Results, *NATO ASI Series* -2, Environmental security, 47 , Kluwer Academic Publ., L. Ivanov & T. Oguz [eds.], vol.2, 327-349, ISBN 0-7923-5243-2

5Б_24. Konsulov A., Tz. Konsulova, K. Prodanov, S. Moncheva, K. Dencheva, L. Kamburska, A. Velikov. 1998. State of the art and tendencies for changes in the Black sea biodiversity in front of the Bulgarian coast. In: Conservation of the biological diversity as a prerequisite for sustainable development in the Black Sea Region, (V.Kotlyakov, M.Upperbrink, V. Metreveli eds), *NATO ASI Series*, 2. Environment, Kluwer Academic Publ., 46, 101-128. ISBN 0-7923-5243-2

5Б_25. Yilmaz A., O. Yunev, V. Vedernikov, S. **Moncheva**, A. Bologa, A. Cociasu, D. Ediger 1998. Unusual Temporal Variations in the Spatial Distribution of Chlorophyll *a* in the Black Sea during 1990 - 1996. In: Ecosystem Modeling as a Management Tool for the Black Sea, Scientific Results, *NATO ASI Series*, Kluwer Academic Publ., L. Ivanov & T. Oguz [eds.] vol.1, 105-120, ISBN 0-7923-5243-2

5Б_26. Великова В., С. Мончева, Д. Георгиева, 1998. Териториално зониране на Варненско езеро и Варненски залив в зависимост от състоянието на хидрофлората. Пета Екологична конференция с между. участие “Екология, рационално усвояване и възпроизвъдство на природните ресурси в черноморския регион”, 15.10.1998, Варна. Сб. докл.

❖ **5Б_27.** Василев, В. П., С. П. **Мончева**, Д. Ст. Монева, 1998. Върху състава, разпределението и динамиката на фитопланктона в Поморийско езеро. *Tr. Океанология*, ИО-БАН, Варна, т.2.

❖ **5Б_28.** Палазов А., Слабаков Хр., С. **Мончева**, А. Консулов, Т. Траянов, 1998. Експресен метод за определяне на биомасата на планктона в морска вода. *Tr. Океанология*, ИО-БАН, Варна, т.2., 100-104.

❖ **5Б_28.** Палазов А., Слабаков Хр., С. **Мончева**, А. Консулов, Т. Траянов, 1998. Експериментални изследвания на влиянието на фито и зоопланктона върху скоростта на разпространение на звука в морската вода. *Tr. Океанология*, ИО - БАН, Варна , т.2, 113-118.

❖ **5Б_29.** Moncheva S., S. Krastev. 1998. On the dial dynamic of chlorophyll *a* content in *Skeletonema costatum* (Grev) Cl. as a function of light and temperature variation. *Tr. Океанология*, ИО-БАН, Варна, т.2, 59-64.

✓ **5Б_30.** Velikova V., Moncheva S., D. Petrova ,1999. Phytoplankton dynamics and red tides (1987-1997) in the Bulgarian Black Sea. *Water Science and Technology*, vol. 39, 8, 27-36. ISSN:0273-1223 [IF: 1.09]

5Б_30a. Velikova V., Moncheva S., D. Petrova , 1998. Phytoplankton dynamics and red tides (1987-1997) in the Bulgarian Black Sea. Second International IAWQ Black sea Conference “Environmental Protection Technologies for Coastal Areas. Conf. Preprints, 41-50.

✓ **5Б_31.** Stereva, G., Moncheva S., Doncheva V, Christova O. and I. Shterev, 1999. Changes of the chemical parameters in the close coastal Black Sea area (Bulgarian part) as indication of the ecological characteristic of the environment. *Water Science and Technology*, vol. 39, 8, 37-45, ISSN:0273-1223 [IF: 1.09]

5Б_31a. Stereva G., Moncheva S., Doncheva V, Christova O. and I. Shterev, 1998. Changes of the chemical parameters in the close coastal Black Sea area (Bulgarian part) as indication of the ecological characteristic of the environment. Second International IAWQ Black sea Conference “Environmental Protection Technologies for Coastal Areas. Conf. Preprints, 51-59.

5Б_32. Moore, M.N., Lowe D.M., T.Wade, R.J.Wedderburn., M.H. Depledge, G. Balashov, Y.Daurova, Y.Denga, E.Kostylev, P.Mihnea, A. Cociasu, S.**Moncheva**, S.Tabagari 1998. UNESCO/IOC Black Sea Mussel Watch Pilot Study: Biological Effects and contaminant residues. In: *Black Sea pollution assessment* {L.Mee &G.Topping eds), Black Sea Environmental Series, vol.10, UNDP, NY,pp 179-292.ISBN: 92-1-129506-8.

5Б_32a. Moore, M.N., Lowe, D.M., Wedderburn, R.J., Wade, T.L., Balashov, G., Buyukgugnor, H., Daurova, Y., Depledge, M.H., Y.Denga, E.Kostylev, P.Mihnea, A. Cociasu, S.**Moncheva**, S.Tabagar, 1999. Environmental Degradation of the Black Sea, Challenges and Remedies, pp. 273-289. , Besiktepe et al., Eds.; Kluwer Academic Publishers: Dordrecht, The Netherlands

5Б_33. Bodeanu, N., **Moncheva**, S., Ruta, G., Popa, L., 1998.Long-term evolution of the algal blooms in Romanian and Bulgarian Black sea waters (1998) Cercetari Marine, 31, pp. 37-55.

5B. НАУЧНИ ТРУДОВЕ СЛЕД ПРИСЪЖДАНЕ НА НАУЧНОТО ЗВАНИЕ „ДОЦЕНТ”

- ✓ **5B_1.**Moncheva S., O. Gotsis-Skretas, K. Pagou and A. Krastev, 2001. Phytoplankton blooms in Black Sea and Mediterranean coastal ecosystems subjected to anthropogenic eutrophication: similarities and differences. *Estuarine Coastal and Shelf Science*, 53:281-295. ISSN: 0272-7714 [IF:2.369]
- ❖ **5B_2.**Moncheva S., V. Doncheva, and L.Kamburska, 2001. On the long-term response of harmful algal blooms to the evolution of eutrophication off the Bulgarian Black Sea coast: are the recent changes a sign of recovery of the ecosystem - the uncertainties. In: Proceedings of IX International conference on “Harmful Algal Blooms”, Hobart, Tasmania; G.M.Hallegraff et al., Eds. (UNESCO-IOC, Paris, 2001), pp. 177-182.
- ❖ **5B_2a.** Moncheva S., V. Doncheva, and L.Kamburska, 2001. Phytoplankton blooms long-term history off the Bulgarian Black Sea coast in relation to environmental factors: do the 90's manifest a sign of ecosystem health improvement. *Journal of Environmental Protection and Ecology*, 2, 4, 997-989. ISSN 1311-5065
- ❖ **5B_3.**Prodanov K., S. **Moncheva**, A. Konsulov, L. Kamburska, Ts. Konsulova, K. Dencheva, 2001. Recent ecosystem trends along the Bulgarian Black Sea coast. *Трудове на Института по океанология*, Том 3, Варна, 2001, 110-127.
- ✓ **5B_4.**Moncheva, S., Doncheva, V., Shtereva, G., Kamburska, L., Malej, A., & Gorinstein, S., 2002. Application of eutrophication indices for assessment of the Bulgarian Black Sea coastal ecosystem ecological quality. *Water Science and Technology*, 46, 8, 19–28, ISSN:0273-1223 [IF: 1.09]
- ✓ **5B_5.**Yunev OA, Vedernikov VI, Basturk O, Yilmaz A, Kideys AE, **Moncheva** S, Konovalov SK, 2002. Long-term variations in surface chlorophyll-a and primary production in the open Black Sea: changes in the pelagic ecosystem over the last decades. *Mar. Ecol. Prog. Series*, vol. 230, .11-28. ISSN:0171-8630 [IF: 2.483]
- 5B_6.**Moncheva, S., Kamburska, L, 2002. Black Sea plankton stowaways- why a crucial issue to safeguard Black Sea biodiversity, In: Alien marine organisms introduced by ships in the Mediterranean and Black Seas *CIESM Workshop Monographs* no 20, Monaco, .pp 47-53.ISSN 1726-5886
www.ciesm.org/publications/Istanbul.02.pdf
- 5B_7.**Doncheva, V.G., **Moncheva**, S.P., Malej, A., Fonda-Umani, S., Kamburska, L.T., Slabakov, H., Christova, O.D, 2002. An Assessment of Trophic State of Marine Coastal Environment: Case studies - Varna Bay (Western Black Sea) and Gulf of Trieste (Northern Adriatic). In: A. Yilmaz (ed). Proceedings of Second International Conference "Oceanography of the Eastern Mediterranean and the Black Sea: similarities and differences between two interconnected basins" 14-18 October, 2002, Ankara, Turkey, 500-507. ISBN: 975-288-451-2.

- ✓ 5B_8. **Moncheva** S., Sh. Gorinstein, G. Shtereva, E. Katrich, F. Toledo, P. Arancibia, I. Goshev and S. Trakhtenberg, 2003. Biomass, protein – and carbohydrate composition of phytoplankton in Varna Bay, Black Sea. *Hydrobiologia*, 501:23-28. ISSN: 0018-8158 [IF:1.964]
 - ✓ 5B_9. **Moncheva** S., Sh. Gorinstein, G. Shtereva, E. Katrich, F. Toledo, P. Arancibia, I. Goshev and S. Trakhtenberg, 2003. Seasonal variability of phytoplankton at Varna Bay (Black Sea). *Phytochemical Analysis*, 14, 245-250. ISSN: 1874-3900 [IF:1.848]
 - ❖ 5B_10. Kamburska L., S. **Moncheva**, A. Konsulov, A. Krastev, K. Prodanov, 2003. The Invasion of *Beroe ovata* in the Black Sea a warning signal for ecosystem concern. *Трудове на Института по океанология*, Том 4. Варна, 2003, 111-123.
 - ✓ 5B_11. Gorinstein Sh., S. **Moncheva**, E. Katrich, F. Toledo, P. Arancibia, I. Goshev and S. Trakhtenberg, 2003. Antioxidants in the black mussel (*Mytilus galloprovincialis*) as an indicator of Black Sea coastal pollution. *Marine Pollution Bulletin*, Volume 46, Issue 10, October 2003, pp. 1317-1325. ISSN: 0025-326X [IF:2.562]
 - ✓ 5B_12. Moncheva S., S. Trakhtenberg, E. Katrich, M. Zemser, I. Goshev, F. Toledo, P. Arancibia-Avila, V. Doncheva, S. Gorinstein, 2004. Total antioxidant capacity in the black mussel (*Mytilus galloprovincialis*) from Black Sea coast. *Estuarine, Coastal and Shelf Science*, 59, 475-484. [IF:2.369]
 - ❖ 5B_13. Yunev, O.A. Suetin, V. Suslin, V. **Moncheva**, S., 2003. Long-term changes in the Black Sea surface chlorophyll a according to in situ and modern satellite data, in: Dahlin, H. et al. (Ed.), Building the European capacity in operational oceanography: proceedings of the 3rd International Conference on EuroGOOS 3-6 December, 2002, Athens, Greece. *Elsevier Oceanography Series*, 69: pp. 168-173 ISBN 10: 0-444-51550-X, doi:10.1016/S0422-9894(03)80028-4

5B_14. Moncheva S. 2004. From taxonomy to patterns and processes – the problem of “classical taxonomist guilt extinction” and the need to advance biodiversity research in the Black Sea. In Magni, P.; Malej, A.; Moncheva, S.; Vander Berge, E.; Appeltans, W.; Cuvelier, D.; van Avesaath, P.H.; Hummel, H.; Heip, C.H.R.; Mees, J., (eds.), Electronic conference on “The Southern and Eastern Mediterranean Sea and the Black Sea: New challenges for the marine biodiversity and monitoring” 6 - 24 September, 2004. Flanders Marine Institute (VLIZ): Oostende Belgium 44-46/92-94. Ref. no 68594.

 - ✓ 5B_15. Yunev O., S. **Moncheva**, J. Carstensen, 2005. Long-term variability of vertical chlorophyll a and nitrate profiles in the open Black Sea: eutrophication and climate change. *Marine Ecology Progress Series*, vol. 294: 95–107. ISSN:0171-8630 [IF: 2.483]
- 5B_16.** Темникова Д., И. Кириков, С. **Мончева**, М. Стойнева, Р. Младенов, Д. Белкинова, Р. Станчева, П. Иванов, 2005. Биоразнообразие на водораслите в България, 11-36. В: Петрова, А. (Ред.), Съвременно състояние на

биоразнообразието в България – проблеми и перспективи. Българска платформа за биоразнообразие, София, с. 11-36 ISBN 954-9746-12-7

5B_17.Nunneri C., K. Turner, A. Cieslak, A. Kannen, R. Klein, L. Leboux, J. Marquenie, L. Mee, S. **Moncheva**, R. Nicholls, W. Salomons, R. Sarda, M. Stive, T. Vellinga, 2005. Integrated assessments and future scenarios for the coast. In: **Managing European Coasts-Past, present and future**, J. Vermaat, L. Bouwer, K. Turner and W. Salomons [eds], Springer, Berlin, Germany, pp. 271-289. Springer series: Environmental sciences and engineering, ISBN: 978-3-540-23454-8 <http://www.springer.com/978-3-540-23454-8> (глава от книга-монографично издание)

5B_18.Rochelle-Newall, E., R.J.T. Klein, R.J. Nicholls, K. Barrett, H. Behrendt, T.H.M. Bresser, A. Cieslak, E.F.L.M. de Bruin, T. Edwards, P.M.J. Herman, R.P.W.M. Laane, L. Ledoux, H. Lindeboom, W. Lise, S. **Moncheva**, P.S. Moschella, M.J.F. Stive, and J.E. Vermaat, 2005: Global change and the European coast—climate change and economic development. In: **Managing European Coasts: Past, Present and Future**, J.E. Vermaat, L. Bouwer, R.K. Turner and W. Salomons (eds), Springer, Berlin, Germany, pp. 239–254, Springer series: Environmental sciences and engineering, ISBN: 978-3-540-23454-8 <http://www.springer.com/978-3-540-23454-8> (глава от книга - монографично издание)

5B_19.Kamburska L., T. Shiganova, K. Stefanova, S. **Moncheva**, M. Dowell, 2006. Interannual variations in the summer distribution of the invasive ctenophore *Mnemiopsis leidyi* A. Agassiz in the Black Sea. Proceedings of the Workshop on “Understanding and modelling the Black Sea ecosystem in support of marine conventions and environmental policies”, A. K. Stips, W. Schrimpf [Eds.],pp. 8-14. EUR 22176 EN http://ies.jrc.ec.europa.eu/uploads/fileadmin/Documentation/Reports/Global_Vegetation_Monitoring/EUR_2006-2007/EUR_22176_EN.pdf

- ✓ **5B_20.**Gorinstein S., Aransibia-Avila, A., **Moncheva**, S., Toledo, F., Traktenberg, S., Gorinstein, A., Goshev, I., Namiesnik, J., 2006. Changes in *Mytilus galloprovincialis* protein profile as a reaction of water pollution. **Environment International**, 32, Elsevier Ltd., 95 – 100. (available on-line www.sciencedirect.com) ISSN: 0160-4120, **[IF: 4.691]**
- ❖ **5B_21.**Trayanova, A., S. **Moncheva**, V. Doncheva, 2007. Macrozoobenthic communities as a tool for assessment the ecological status of Varna lagoon. **Journal Transitional Waters Bulletin**, 3, 33-36. ISSN 1825-229X, DOI 10.1285/i1825229Xv1n3p17, <http://siba2.unile.it/ese/twb>
- 5B_22.** Stefanova K., Kamburska L., **Moncheva** S., Doncheva V., Slabakova N., Alexandrova V.,2007. Zooplankton community changes along the eutrophication gradient Varna Lakes- Varna Bay (Western Black Sea), **Rapp. Comm. int. Mer Médit.**, v. 38, 605 pp. ISSN: 0373-434X
- ✓ **5B_23.**Yuney O., J. Carstensen , S. **Moncheva**, A. Khalilov, G. Årtebjerg, S. Nixon, 2007. Nutrient and phytoplankton trends on the western Black Sea shelf in response to cultural eutrophication and climate changes. **Estuarine, Coastal and Shelf Science** 74 (2007) 63-76. ISSN: 0272-7714 doi:10.1016/j.ecss.2007.03.030, www.elsevier.com/locate/ecss **[IF:2.369]**

- ❖ **5B_24.**Alexandrova V., S. **Moncheva**, N. Slabakova, K. Stefanova, V. Doncheva, 2007. Application of biotic indices and body size descriptors of phyto- and zooplankton communities in Varna lagoon for ecological status assessment, *Journal Transitional Waters Bulletin*, 1, 3(2007), 17-21, ISSN 1825-229X, DOI 10.1285/i1825229X, <http://siba2.unile.it/ese/twb> (on-line journal)
5B_24a. Moncheva S., V. Alexandrova and N. Slabakova, 2007. On the Application of Phytoplankton Body-Size Structure as Ecological Quality Descriptor of Transitional waters (Varna Lagoon-Black Sea) Rapp. Comm. int. Mer Médit., 38, 384.

- 5B_25.****Moncheva** S., P. Davis, M. Teohareva, E. Gileva, 2007. The Science-Policy-Stakeholders Dilemma – A Scenario on the “Black Sea-Scene”, Conference Collection of papers , 7 Int. Scientific Conference, SGEM, 11-15 June, 2007, Albena , Bulgaria (CD), ISBN 954918181-2

- 5B_26.**Nesterova D. S. **Moncheva**, A. Mikaelyan, A. Vershinin and V. Akatov, L. Boicenco, Y. Aktan, F. Sahin, T. Gvarishvili, 2008. Chapter 5 .The State of Phytoplankton. BSC, 2008. In:*State of the Environment of the Black Sea* (2001-2006/7), T.Oguz [ed], Black Sea Commission Publications 2008-3, Istanbul, Turkey, pp. 133-167, ISBN 978-9944-245-33-3.

- ✓ **5B_27.**Ponti M., M. Pinna, A. Bassett, S. **Moncheva**, A. Trayanova, L. P. Georgescu, S. Beqiraj, S. Orfanidis, M. Abbiati. 2008. Quality assessment of Mediterranean and Black Sea transitional waters: comparing responses of benthic biotic indices. *Aquatic Conserv: Mar. Freshw. Ecosyst.* 18, pp.62–75, ISSN: 1052-7613 [IF: 1.968]

- ✓ **5B_28.**Basset A., L. Sabetta, F. Sangiorgio, M. Pinna, D. Migoni, F. Fanizzi, E. Barbone, N. Galuppo, S. Fonda Umani, S. Reizopoulou, A. Nicolaïdou, C. Arvanitidis, S. **Moncheva**, A. Trajanova, L. Georgescu, S. Beqiraj, 2008. Biodiversity conservation in Mediterranean and Black Sea lagoons: a trait-oriented approach to benthic invertebrate guilds. *Aquatic Conserv: Mar. Freshw. Ecosyst.* 18, pp. 4–15, ISSN: 1052-7613, [IF: 1.968]

- ✓ **5B_29.**Sangiorgio F., A. Bassett, M. Pinna, L. Sabetta, M. Abbiati, M. Ponti, M. Minocci, S. Orfanidis, A. Nicolaïdou, S. **Moncheva**, A. Trayanova, L. Georgescu, S. Dragan, S. Beqiraj, D. Koutsoubas, A. Evangelopoulos, S. Reizopoulou, 2008. Environmental factors affecting *Phragmites australis* litter decomposition in Mediterranean and Black Sea transitional waters. *Aquatic Conserv: Mar. Freshw. Ecosyst.* 18: 16–26, ISSN: 1052-7613, [IF: 1.968]

- ❖ **5B_30.****Moncheva** S., N. Slabakova, 2008. Section 3 – Phytoplankton: 2.2 Black Sea. In: Water Framework Directive intercalibration technical report Part 3: Coastal and Transitional waters. GIG. A. Carletti and A-S. Heiskanent [ed]. pp 110-121 Luxembourg: Office for Official Publications of the European Communities, ISSN 1018-5593

- 5B_31.**Gorinstein Sh., S. **Moncheva**, J. Namiesnik, I. Goshev, 2008. Temperature Response of Antioxidant Activity and Protein Profile in the Black Sea Mussels *Mytilus galloprovincialis*. CD-Collected Reprints [S. Moncheva ed.] 2nd Biannual and Black

Sea Scene International Conference “Climate Change in the Black Sea - Hypothesis, Observations, Trends, Scenarios and Mitigation Strategy for the ecosystem” (BS-HOT’2008), 06-09.10.2008, Sofia.

5B_32.Moncheva I., S. Moncheva, N. Slabakova, V. Alexandrova, V. Doncheva, 2008. Tourism Industry Impacts on the Black Sea Ecosystem along the Bulgarian Coast -“The Good, The Bad and The Ugly”, In: Proceeding of 1st Biannual Scientific Conference “Black Sea Ecosystem 2005 and Beyond” (CD copy), 8-10 May 2006, Istanbul, Turkey, 1022-1036.

- ✓ **5B_33.**Yunev O. A., Shulman G. E., Yuneva T. V., **Moncheva** S., 2009. Relationship between the abundance of small pelagic fishes and the phytoplankton biomass as an indicator of the state of the pelagic ecosystem of the Black Sea. *Doklady Biological Sciences*, Vol. 428, pp. 454–457. Doklady Akademii Nauk, ISSN:0012-4966 УДК 574.5(262.5). © Pleiades Publishing, Ltd.

[IF:0.224]

5B_33a.Yunev, O., G. Shulman, T. Yuneva, S. Moncheva, 2008. Long –term changes of ecological quality rating (Q –value) of the Black Sea pelagic ecosystem. 2nd Biannual and Black Sea Scene International Conference “Climate Change in the Black Sea - Hypothesis, Observations, Trends, Scenarios and Mitigation Strategy for the ecosystem” - BS-HOT’2008, 06-09.10.2008, Sofia

- ✓ **5B_34.**Stelmakh L.V., I.I. Babich, S. Tugrul, S. **Moncheva**, K. Stefanova, 2009. Phytoplankton Growth Rate and Zooplankton Grazing in the Western Part of the Black Sea in the Autumn Period. *Oceanology*, 2009, Vol. 49, No. 1, pp. 83–92. © Pleiades Publishing, Inc., ISSN 0001-4370.

[IF: 0. 307]

5B_35.Rubino F., Belmonte M., **Moncheva** S., Slabakova N., Kamburska L., 2010. Resting Stages Produced by Plankton in the Black Sea - Biodiversity and Ecological Perspective. *Rapp. Comm. int. Mer Médit.*, 39, 2010, p.399. ISSN: 0373-434X

5B_36.Moncheva S., G. Shtereva , K. Stefanova, N. Slabakova, A. Krastev, O. Hristova, B. Djurova, V. Slabakova, R. Mavrodieva, 2010. On the Resent Features of Chemical and Biological Regimes in the Western Black Sea Ecosystem. Proceedings of tenth international conference of marine sciences and technologies “Black Sea’2010”, pp. 288-296, ISSN 1314-0957

- ✓ **5B_37.** Namiesnik J, Szefer P, Sliwka-Kaszynska M, **Moncheva** S, Arancibia-Avila P, Toledo F, Ham KS, Kang SG, Gorinstein S., 2010. Determination of PAHs, PCBs, minerals, trace elements, and fatty acids in *Rapana thomasiiana* as an indication of pollution. *J AOAC Int.* 2010 Sep-Oct;93(5):1600-1608.

[IF=1.22]

- ✓ **5B_38.**Moncheva S., J. Namiesnik, R. Apak, P. Arancibia-Avilad, F. Toledo, S-G. Kange, S-T Junge and S. Gorinstein, 2011. *Rapana venosa* as a bioindicator of environmental pollution. *Chemistry and Ecology*, Vol. 27, No. 1, February 2011, 31–41. ISSN 0275-7540 print/ISSN 1029-0370 online DOI: 10.1080/02757540.2010.522996

[IF:0.776]

5B_39.Doncheva V., **Moncheva** S., N. Slabakova., 2010. Vulnerability of Beloslav and Varna Lakes to eutrophication. Proceedings of Tenth International Conference of marine sciences and technologies “Black Sea’ 2010”, pp. 261-266, ISSN 1314-0957

5B_40.Racheva E., S. **Moncheva**, L. Kamburska, T. Hopkins, 2010. Modeling the ecological status of Varna bay – Application of System Approach Framework (SAF). Proceedings of Tenth International Conference of marine sciences and technologies “Black Sea’2010”, pp. 272-278, ISSN 1314-0957.

- ✓ **5B_41.****Moncheva** S., E. Racheva, L. Kamburska, J. D'Hernoncourt, 2011. Environmental and Management Constraints on Tourism in the Varna Region, Bulgarian Black Sea Coast. *Ecology and Society Special Features*, ISSN: 1708-3087 (under review). **[IF: 3.31]**

5Г. МЕТОДИЧНИ РЪКОВОДСТВА

5Г_1. Cochrane S.K.J., D.W. Connor, P. Nilsson, I. Mitchell, J. Reker, J. Franco, V. Valavanis, S.**Moncheva**, J. Ekebom, K. Nygaard, R. Serrão Santos, I. Naberhaus, T. Packeiser, W. van de Bund & A.C. Cardoso 2010. Marine Strategy Framework Directive – Task Group 1 Report: Biological diversity. N. Zampoukas [ed]. Luxembourg: Office for Official Publications of the European Communities, 111 pp. EUR 24337 EN – Joint Research Centre, EUR – Scientific and Technical Research series – ISSN 1018-5593, ISBN 978-92-79-15650-2, DOI 10.2788/86653

5Г_2. **Moncheva** S., B. Par. 2005 (updated-2010). Manual for Phytoplankton Sampling and Analysis in the Black Sea, 67 pp. GEF/UNDP Black Sea Ecosystem Recovery Project (BSERP)-RER/01/G33/A/1G/31 & UPGRADE BLACK SEA SCENE Project, GA 226592, FP7, EC

<http://ps.blacksea-commission.org/bsc/onlinedocs/#/expert> [network-phytoplankton](#)
[/Phytoplankton manual-final.doc](#)

5Г_3. **Moncheva** S. 2010. Guidelines for QC/QA of Biological Data-Phytoplankton. 18 pp. Black Sea Commission/UPGRADE BLACK SEA SCENE Project, GA 226592, FP7, EC

5Г_4. **Moncheva**, 2010. An updated and WoRMS revised phytoplankton checklist from studies in Bulgarian Black Sea area- a contribution to Black Sea phytoplankton checklist (published on-line):

<http://phyto.bss.ibss.org.ua/wiki/Contributors>
http://phyto.bss.ibss.org.ua/wiki/List_checked

СПИСАНИЯ С ИМПАКТ ФАКТОР, В КОИТО СА ПУБЛИКУВАНИ ТРУДОВЕТЕ

No	СПИСАНИЕ	IF
1	ENVIRONMENT INTERNATIONAL	4.691
2	ECOLOGY AND SOCIETY	3.31
3	MARINE POLLUTION BULLETIN	2.562
4	MARINE ECOLOGY PROGRESS SERIES	2.483
5	ESTUARINE, COASTAL AND SHELF SCIENCE	2.369
6	JOURNAL OF MARINE SYSTEMS	2.005
7	AQUATIC CONSERVATION: MARINE AND FRESHWATER ECOSYSTEMS	1.968
8	HYDROBIOLOGIA	1.964
9	PHYTOCHEMICAL ANALYSIS	1.848
10	J. LUMINESCENCE	1.795
11	JOURNAL AOAC (ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS) INTERNATIONAL	1.22
12	WATER SCIENCE AND TECHNOLOGY	1.09
13	CHEMISTRY AND ECOLOGY	0.776
14	OCEANOLOGY (ОКЕАНОЛОГИЯ)	0.307
15	DOKLADY BIOLOGICAL SCIENCES - RAN	0.224
16	COMPT. REND. ACAD., BULG. SCI.	0.219
ОБЩ IF ПО КОНКУРСА		35.969
ИНДИВИДУАЛЕН IF ПО КОНКУРСА		1.998
СТАТИИ С ИМПАКТ ФАКТОР ПО КОНКУРСА (2000-2011)		18
ОБЩ IF		42.387
ИНДИВИДУАЛЕН IF		1.766
СТАТИИ С ИМПАКТ ФАКТОР		24

**09.08.2011
гр. Варна**

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