

**Списък на научните трудове на гл. ас. д-р Ангел Валентинов
Дюгмеджиев, представени във връзка с участието в конкурс за
академичната длъжност „доцент” по професионално направление 4.3.
Биологически науки, научна специалност "Екология и опазване на
екосистемите"**

(1) Научни трудове, на основата на които е защитена дисертация

- (i1) **Dyugmedzhiev, A.V.**, Popgeorgiev, G.S., Tzankov, N.D., Naumov, B.Y. 2020. Population estimates of the Nose-horned Viper *Vipera ammodytes* (Linnaeus, 1758) (Reptilia: Viperidae) from five populations in Bulgaria. *Acta Zoologica Bulgarica* 72 (3): 397-407. **IF: 0.448, Q3 (Scopus)**. <http://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2020/002382.pdf>
- (i2) **Dyugmedzhiev, A.**, Tzankov, N., Natchev, N., Naumov, B.Y. 2018. A non-traumatic multi-operational method for individual documentation and identification of nose-horned vipers (*Vipera ammodytes* (Linnaeus, 1758) (Squamata, Viperidae)) allows reliable recognition of recaptured specimens. *Biharean Biologist* 12 (2): 92-96. **SJR: 0.16, Q3 (Scopus)**. http://biozoojournals.ro/bihbiol/cont/v12n2/bb_e181301_Natchev.pdf
- (i3) **Dyugmedzhiev, A.**, Tzankov, N., Naumov, B.Y. 2018. A case of abnormal pregnancy in *Vipera ammodytes* (Linnaeus, 1758) (Reptilia: Viperidae) from Bulgaria. *Acta Zoologica Bulgarica* 70 (2): 277-282. **IF: 0.278, Q4 (WoS)**. <http://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2018/70-2-277-282.pdf>

(2) Научни трудове извън дисертацията

В4 - Хабилитационен труд – научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация

- B4.1. Dyugmedzhiev, A.**, Naumov, B., Tzankov, N. 2024. Interpopulation and seasonal variations in habitat and microhabitat use of *Vipera ammodytes*. *Acta Herpetologica* 19 (2): 81-95. **IF: 0.6, Q2**. <https://oaj.fupress.net/index.php/ah/article/view/15928>
- B4.2. Dyugmedzhiev, A.**, Naumov, B., Tzankov, N. 2025. Age and reproductive status determine spatial niche utilization in *Vipera ammodytes* (Linnaeus, 1758). *Belgian Journal of Zoology* 155: 15-30. **IF: 1.3, Q3**. <https://belgianjournalofzoology.eu/BJZ/article/view/197>
- B4.3. Dyugmedzhiev, A.**, Naumov, B., Tzankov, N. 2024. Seasonal shifts in activity patterns influence site selection within the habitat of the Nose-Horned Viper *Vipera ammodytes* (Linnaeus, 1758). *North-Western Journal of Zoology* 20 (2): 137-143. **IF: 0.7, Q3**. https://biozoojournals.ro/nwjz/content/v20n2/nwjz_e241507_Dyugmedzhiev.pdf
- B4.4. Dyugmedzhiev, A.**, Naumov, B., Tzankov, N. 2022. Sex- and age-related variations in seasonal and circadian activity of the Nose-horned Viper *Vipera ammodytes* (Linnaeus, 1758). *Belgian Journal of Zoology* 152: 139-156. **IF: 1.059, Q3**. <https://www.belgianjournalofzoology.eu/BJZ/article/view/104>

B4.5. Dyugmedzhiev, A., Andonov, K., Popgeorgiev, G., Naumov, B., Kornilev, Y.V. 2020. Crepuscular and nocturnal activity of the Nose-horned viper, *Vipera ammodytes* (Linnaeus, 1758) is more common than previously reported. *Herpetozoa* 33: 165-169. **IF: 0.841, Q3.** <https://herpetozoa.pensoft.net/article/56520/>

B4.6. Dyugmedzhiev, A., Naumov, B., Tzankov, N. 2023. Interpopulation variations in circadian activity of the Nose-horned Viper *Vipera ammodytes* (Linnaeus, 1758) (Reptilia: Viperidae). *Acta Zoologica Bulgarica* 75 (1): 67-73. **IF: 0.4, Q4.** <https://www.acta-zoologica-bulgarica.eu/2023/002610>

B4.7. Dyugmedzhiev, A.V., Andonov, K.I., Slavchev, M.L. 2021. Further insights on the nocturnal activity of the Nose-horned Viper *Vipera ammodytes* (Linnaeus, 1758) (Reptilia: Viperidae) in Bulgaria: first observation in October. *Acta Zoologica Bulgarica* 73 (4): 633-636. **IF: 0.362, Q4.** <http://acta-zoologica-bulgarica.eu/2021/002514.pdf>

B4.8. Dyugmedzhiev, A., Naumov, B., Tzankov, N. 2021. Thermal ecology of the Nose-horned Viper (*Vipera ammodytes* (Linnaeus, 1758)) under natural conditions. *North-Western Journal of Zoology* 17 (1): 44-56. **IF: 0.778, Q4.** http://biozoojournals.ro/nwjz/content/v17n1/nwjz_e201510_Dyugmedzhiev.pdf

Г7. Научна публикация в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus), извън хабилитационния труд

Г7.1. Andonov, K., Dyugmedzhiev, A., Lukanov, S., Slavchev, M., Vacheva, E., Stanchev, N., Popgeorgiev, G., Duhalov, D., Kornilev, Y.V., Nedeltcheva-Antonova, D., Naumov, B. 2020. Analyses of skin secretions of *Vipera ammodytes* (Linnaeus, 1758) (Reptilia: Serpentes), with focus on the complex compounds and their possible role in the chemical communication. *Molecules* 25 (16): 3622. <https://doi.org/10.3390/molecules25163622>. **IF: 4.411, Q1.** <https://www.mdpi.com/1420-3049/25/16/3622>

Г7.2. Dyugmedzhiev, A., Andonov, K., Hristov, G., Borissov, S. 2024. New data on the distribution of the *Vipera ammodytes* (Linnaeus, 1758) mitochondrial lineages place their contact zone in western Bulgaria. *Herpetozoa* 37: 57-63. **IF: 0.8, Q2.** <https://herpetozoa.pensoft.net/article/116879/>

Г7.3. Lukanov, S., Kolev, A., Dyugmedzhiev, A., Slavchev, M. 2024. The lateral stripe – a reliable way for software assisted individual identification for *Hyla arborea*. *Acta Herpetologica* 19 (1): 69-73. **IF: 0.6, Q2.** <http://www-9.unipv.it/webshi/preprint/15519.pdf>

Г7.4. Andonov, K., Dyugmedzhiev, A., Lukanov, S., Vacheva, E., Duhalov, D., Nedeltcheva-Antonova, D., Naumov, B. 2023. Chemical map of skins secretions in Old-World snakes. *Biochemical Systematics and Ecology* 110: 104713. **IF: 1.4, Q3.** <https://www.sciencedirect.com/science/article/pii/S0305197823001308>

Г7.5. Lukanov, S., Dyugmedzhiev, A. 2023. Photo identification of viperid snakes using pattern recognition software: a case study of *Vipera ammodytes* (Linnaeus, 1758). *North-Western Journal of Zoology* 19 (1): 41-45. **IF: 0.7, Q3.** https://biozoojournals.ro/nwjz/content/v19n1/nwjz_231504_Lukanov.pdf

Г7.6. Dyugmedzhiev, A.V. 2021. First ever records of crepuscular and nocturnal activity of the Caspian Whip Snake *Dolichophis caspius* (Gmelin, 1789). North-Western Journal of Zoology 17 (1): 153-154. **IF: 0.778, Q4.** http://biozoojournals.ro/nwjz/content/v17n1/nwjz_e217503_Dyugmedzhiev.pdf

Г7.7. Dyugmedzhiev, A., Slavchev, M., Naumov, B. 2019. Emergence and dispersal of snakes after syntopic hibernation. Herpetozoa 32: 149-157. **IF: 0.643, Q4.** <https://herpetozoa.pensoft.net/article/37347/>

Г7.8. Dyugmedzhiev, A., Slavchev, M., Stanchev, N., Hristova-Nikolova, I., Nikolov, B. (in press.). Arboreal behaviours of the nose-horned viper *Vipera ammodytes*, with links to video evidence. Herpetological Bulletin. **SJR: 0.196, Q4.**

Г7.9. Popgeorgiev, G., Dyugmedzhiev, A., Lukanov, S., Vacheva, E., Slavchev, M., Andonov, K., Vergilov, V., Duhalov, D., Krastev, G., Stojanov, A., Tzankov, N., Plachiyski, D., Kornilev, Y.V., Naumov, B. 2025. Key areas for the conservation of endangered reptile species in the Kresna Gorge, south-western Bulgaria. Historia naturalis bulgarica 47 (3): 39-47. **SJR: 0.243, Q4.** <https://www.nmnhs.com/historia-naturalis-bulgarica/pdfs/000578000472025.pdf>

Г7.10. Todorov, V., Dyugmedzhiev, A. 2023. First described case of self-inflicted injury in a brown bear (*Ursus arctos* Linnaeus, 1758) following capture with an Aldrich snare. Historia naturalis bulgarica 45 (11): 275-278. **SJR: 0.243, Q3.** <https://www.nmnhs.com/historia-naturalis-bulgarica/article.php?id=000529000452023>

Г7.11. Kornilev, Y.V., Popgeorgiev, G., Plachiyski, D., Dyugmedzhiev, A., Mladenov, V., Andonov, K., Lukanov, S., Vacheva, E., Slavchev, M., Naumov, B. 2023. Distribution of the grass snake (*Natrix natrix*) and dice snake (*N. tessellata*) in Bulgaria. Historia naturalis bulgarica 45 (9): 239-254. **SJR: 0.243, Q3.** <https://www.nmnhs.com/historia-naturalis-bulgarica/article.php?id=000525000452023>

Г7.12. Dyugmedzhiev, A., Andonov, K., Krastev, G. 2023. Insights into the courtship and copulation of the worm snake *Xerotyphlops vermicularis*. Herpetological Bulletin 164: 30-32. **SJR: 0.196, Q4.** <https://www.thebhs.org/publications/the-herpetological-bulletin/issue-number-164-summer-2023/3802-08-insights-into-the-courtship-and-copulation-of-the-worm-snake-i-xerotyphlops-vermicularis-i>

Г7.13. Stanchev, N., Dyugmedzhiev, A., Stanchev, M., Lazarkevich, I., Naumov, B. 2023. New data on the distribution of *Eryx jaculus* (Linnaeus, 1758) (Reptilia: Serpentes) in Bulgaria. Historia naturalis bulgarica 45 (1): 1-4. **SJR: 0.243, Q3.** <https://doi.org/10.48027/hnb.45.011>

Г7.14. Slavchev, M., Vergilov, V., Dyugmedzhiev, A. 2022. *Pelobates fuscus* (Common Spadefoot Toad) and *Pelophylax ridibundus* (Marsh Frog). Interspecific amplexus. Herpetological Review 53 (3): 474. **SJR: 0.194, Q4.** https://www.dropbox.com/s/oh9lh9g5ej4p23v/HR_Sept_2022_Final_2_150dpi_NaturalHistoryNotes.pdf?dl=1

Г7.15. Dyugmedzhiev, A., Andonov, K., Todorov, V., Martínez del Marmol, G., Stanchev, N. 2022. A possible case of syntopy between *Bitis arietans* and *Daboia mauritanica* based on

new reptile localities in southwestern Morocco. Herpetology Notes 15: 33-46. **SJR: 0.336, Q3.** <https://www.biotaxa.org/hn/article/view/61912>

Г7.16. Vergilov, V., **Dyugmedzhiev, A.**, Georgieva, S., Slavchev, M. 2021. A case of *Emys orbicularis* (L.) feeding on newts from Bulgaria. Historia naturalis bulgarica 43 (2): 25-27. **SJR: 0.14, Q4.** <https://www.nmnhs.com/historia-naturalis-bulgarica/pdfs/000471000432021.pdf>

Г7.17. **Dyugmedzhiev, A.** 2020. Tail vibration – a rare newly described defensive behaviour of the aesculapian snake *Zamenis longissimus* (Laurenti, 1768). Herpetological Bulletin 154: 31-32. **SJR: 0.3, Q4.** <https://www.thebhs.org/publications/the-herpetological-bulletin/issue-number-154-winter-2020/3204-09-tail-vibration-a-newly-described-defensive-behaviour-of-the-aesculapian-snake-i-zamenis-longissimus-i>

Г7.18. Naumov, B.Y., Popgeorgiev, G.S., **Dyugmedzhiev, A.V.**, Beshkov, V.A. 2020. On the maximum sizes in snake species (Reptilia: Serpentes) from Bulgaria. Ecologia Balkanica 12 (2): 13-20. **SJR: 0.14, Q4.** http://web.uni-plovdiv.bg/mollov/EB/2020_vol12_iss2/013-020_eb.20137.pdf

Г8 - Публикувана глава от книга или колективна монография

Г8.1. Popgeorgiev, G., Naumov, B. Kornilev, Y.V. Vergilov, V., Slavchev, M., Lukanov, S., **Dyugmedzhiev, A.**, Stoyanov, A., Dobrev, D., Tzankov, N. 2019. Diversity and distribution of amphibians and reptiles in the Bulgarian part of the lower Danube. In: Shurulinkov, P., Hubenov, Z., Beshkov, S., Popgeorgiev, G. (Eds.). Biodiversity of the Bulgarian-Romanian section of the Lower Danube. Nova Science Publishers, New York, pp. 283-314. <https://novapublishers.com/shop/biodiversity-of-the-bulgarian-romanian-section-of-the-lower-danube/>

(3) Списък на публикации, които не влизат в показателите за заемане на академична длъжност „доцент“

Пълни текстове и кратки съобщения

ii1. Dubiner, S., Aguilar, R., Anderson, R.O., Arenas Moreno, D.M., Avila, L.J., Boada-Viteri, E., Castillo, M., Chapple, D.G., Chukwuka, C.O., Cree, A., Cruz, F.B., Colli, G.R., Das, I., Delaugerre, M.-J., Du, W.-G., **Dyugmedzhiev, A.**, Doan, T.M., Escudero, P., Farquhar, J., Gainsbury, A.M., Gray, B.S., Grimm-Seyfarth, A., Hare, K.M., Henle, K., Ibargüengoytia, N., Itescu, Y., Jamison, S., Jimenez-Robles, O., Labra, A., Laspiur, A., Liang, T., Ludgate, J.L., Luiselli, L., Martín, J., Matthews, G., Medina, M., Méndez-de-la-Cruz, F.R., Miles, D.B., Mills, N.E., Miranda-Calle, A.B., Monks, J.M., Morando, M., Moreno Azocar, D.L., Murali, G., Pafilis, P., Pérez-Cembranos, A., Pérez-Mellado, V., Peters, R., Pizzatto, L., Pincheira-Donoso, D., Plummer, M.V., Schwarz, R., Shermeister, B., Shine, R., Theisinger, O., Theisinger, W., Tolley, K.A., Torres-Carvajal, O., Valdecantos, S., Van Damme, R., Vitt, L.J.,

Wapstra, E., While, G.M., Levin, E., Meiri, S. 2024. A global analysis of field body temperatures of active squamates in relation to climate and behaviour. *Global Ecology and Biogeography* 33: e13808. **IF: 6.3, Q1.**
<https://onlinelibrary.wiley.com/doi/epdf/10.1111/geb.13808>

* - статията е с 65 автора, поради което не е отчитана в показателите за заемане на академична длъжност „доцент“.

ii2. Цанков, Н. Д., Г. С. Попгеоргиев, Б. Я. Наумов, А. Й. Стоянов, Ю. В. Корнилев, Б. П. Петров, **А. В. Дюгмеджиев**, В. С. Вергилов, Р. Д. Драганова, С. П. Луканов, А. Е. Вестерстрьом. 2014. Определител на земноводните и влечугите в Природен парк Витоша. Дирекция на Природен парк Витоша, София, 248 с.