

Martin Segesdi

2017

E-mail: martinsegesdi@gmail.com

Web:

- <https://elte.academia.edu/MartinSegesdi>
 - <http://magyardinoszaurusz.hu/en/martin-segesdi/>
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Education

2017 - present **M.Sc in Geology** (Paleontology – Geology specialization)
(Eötvös Loránd University, Budapest, Hungary)

M.Sc thesis project: Triassic eosauropterygian remains from Villány, Hungary

2012 - 2017 **B.Sc in Earth Sciences** (Geology specialization)
(Eötvös Loránd University, Budapest, Hungary)

Thesis title: First results from the study of vertebrate coprolites from the Upper Cretaceous (Santonian) Csehbánya Formation of Iharkút, Hungary (in Hungarian)

Supervisors: Dr. Attila Ósi, Dr. Krisztina Buczkó,
Dr. Emese Réka Bodor

Additional short courses:

October 2016 **Paleontology: Ancient Marine Reptiles**
(Online course of University of Alberta)

November 2015 **Press officer and Spokesman**
(Course of Eötvös L. Uni. Student Service and Sport Center)

Peer reviewed publications

M. Segesdi, G. Botfalvai, E.R. Bodor, A. Ósi, K. Buczkó, Z. Dallos, R. Tokai, T. Földes (2017). First report on vertebrate coprolites from the Upper Cretaceous (Santonian) Csehbánya Formation of Iharkút, Hungary. *Cretaceous Research*, 74 (2017), pp. 87-99, [10.1016/j.cretres.2017.02.010](https://doi.org/10.1016/j.cretres.2017.02.010) **IF: 2.015**

M. Segesdi (2012). Konvergens fejlődés és versengés – kagylók és pörgekarúak (in Hungarian) [*Convergent evolution and competition – bivalves and brachiopods*]. *Otthonunk az ELTE – Az Eötvös Loránd Tudományegyetem kollégista hallgatóinak tanulmánykötete*, Budapest. pp.153-164

Research interests

- 2016 -** Evolution and paleobiology of sauropterygians, biomechanics and aquatic adaptation of mezozoic marine reptiles
- 2014 - 2016** Paleoecology of mezozoic ecosystems based on vertebrate coprolite research

Language skills

- Fluent written and spoken **Hungarian** (native)
- Good knowledge of written and spoken **English**
- Basic knowledge of written and spoken **German**

Awards and grants

- 2017 - XX.** Hungarian Paleontological Conference, „Best student research”: II. prize
Issuer: Hungarian Geological Society: 10000Ft (~ 32€)
- 2017 - III.** Life-science „elevator speech” festival: I. prize
Issuer: Biologist Student Research Society of Eötvös Loránd University, Budapest
- 2016 -** National Talent Support Program Scholarship (NTP-NFTÖ-16-0257)
Issuer: Human Capacities Grant Management Office of the Hungarian Ministry of Human Capacities: 500000Ft (~ 1580€)
- 2016 -** SVP award for the best presentation at the „1st International Meeting of Early-stage Researchers in Paleontology” conference (Alpuente, Valencia)
Issuer: Society of Vertebrate Paleontology: 200€
- 2016 -** Conference Attendance Grant
Issuer: Eötvös Loránd University, Budapest: 29900Ft (~ 95€)
- 2015 - XVIII.** Hungarian Paleontological Conference, „Best student research”: I. prize
Issuer: Hungarian Geological Society: 15000Ft (~ 48€)
- 2015 - XXXII.** National Scientific Conference of Students (Cluj-Napoca), (Paleontology section): I. prize
Issuer: Hungarian National Council of Student Research Societies: 50000Ft (~ 160€)
- 2015 -** Regular scientific scholarship (semester: 2015-2016/1)
Issuer: Eötvös Loránd University, Budapest: 23600Ft (~ 75€)/month
- 2015 -** Regular scientific scholarship (semester: 2014-2015/2)
Issuer: Eötvös Loránd University, Budapest: 13000Ft (~ 45€)/month
- 2015 -** Conference Attendance Grant
Issuer: Eötvös Loránd University, Budapest: 73500Ft (~ 233€)
- 2014 -** Scientific Conference of Students, Geology section: I. prize
Issuer: Eötvös Loránd University, Budapest
- 2014 -** Scientific Conference of Students, Geology section: audience prize
Issuer: Eötvös Loránd University, Budapest

- 2014** - Scientific Conference of Students, Geology section: special prize
Issuer: Hantken Foundation: 20000Ft (~ 63€)
- 2014** - Conference Attendance Grant
Issuer: Eötvös Loránd University, Budapest: 17000Ft (~ 54€)
- 2014** - Regular scholarship for good grades (semester: 2014-2015/1)
Issuer: Eötvös Loránd University, Budapest: 22300Ft (~ 70€)/month
- 2014** - Regular scholarship for good grades (semester: 2013-2014/2)
Issuer: Eötvös Loránd University, Budapest: 13700Ft (~ 43€)/month
- 2010** - X. National Conference of Researcher Students,
(Geography and Hydrology section): I. prize
Issuer: Hungarian Research Student Association

Conference abstracts

- Segesdi M., Ósi A., Botfalvai G. (2017):** Újabb triász tengeri hüllő (Reptilia: Eosauropterygia) maradványok Villányból (*in Hungarian*) – XX. Magyar Őslénytani Vándorgyűlés [*Hungarian Paleontological Meeting*], Tata-Tardos, Hungary. Abstract Volume p. 38-39.
- Segesdi M. (2017):** Középső-triász Eosauropterygia tengeri hüllő maradványok Villányból (*in Hungarian*) – XVIII. Eötvös Konferencia [*Student Conference of Eötvös József Collegium*], Budapest, Hungary. Abstract Volume p. 88.
- Segesdi M., Ósi A., Botfalvai G. (2017):** New eosauropterygian remains from the Middle Triassic of Villány, Hungary – 8th International Meeting of Secondary Adaptation of Tetrapods to Life in Water, Berlin, Germany. Abstract Volume p. 47.
- Segesdi M., Ósi A., Buczkó K., Bodor E.R., Dallos Zs. (2016):** Late Cretaceous vertebrate coprolites from Iharkút (Western Hungary) and their paleoecological significance – 1st International Meeting of Early-stage Researchers in Paleontology, Alpuente, Valencia. Conference proceedings (New perspectives on the Evolution of Phanerozoic Biotas and Ecosystems) p. 75.
- Segesdi M. (2015):** Az iharkúti késő-kréta (santoni) megkövesedett ürülékek vizsgálatának első eredményei (*in Hungarian*) – XVI. Eötvös Konferencia [*Student Conference of Eötvös József Collegium*], Budapest, Hungary. Abstract Volume p. 35.
- Makádi L., Bodor E.R., **Segesdi, M. (2015):** Pliosauroida maradványok a Mecseki Kőszén Formációból: régi csontok új szemszögből (*in Hungarian*) – XVIII. Magyar Őslénytani Vándorgyűlés [*Hungarian Paleontological Meeting*], Varbó-Fónagyság, Hungary. Abstract Volume p. 22-23.
- Segesdi M., Ósi A., Buczkó K., Bodor E.R., Dallos Zs. (2015):** Az iharkúti késő-kréta (santoni) gerinces koprolitok vizsgálatának első eredményei (*in Hungarian*) – XVIII. Magyar Őslénytani Vándorgyűlés [*Hungarian Paleontological Meeting*], Varbó-Fónagyság, Hungary. Abstract Volume p. 31-32.
- Segesdi M. (2015):** Az iharkúti késő-kréta (santoni) gerinces koprolitok vizsgálatának első eredményei (*in Hungarian*) – XXXII. Országos Tudományos Diákköri

Konferencia [National Scientific Conference of Hungarian Students]. Cluj-Napoca, Romania. Abstract Volume p. 309.

Fieldwork

2010 – present: annual participation on the excavations of the Hungarian Dinosaur Expedition: **Iharkút (Cretaceous)**, Bakony Mts., Hungary.

2013 – present: annual participation on the excavations at the Villány vertebrate locality: **Villány (Triassic)**, Villány Mts., Hungary.

Professional working experience

2016 (October - December):

Organization: *Hungarian Dinosaur Found*

Position: Assistant

Role: fossil preparation and conservation; social media and event managing

2014 (July):

Organization: *Excavation of Hungarian Dinosaur Expedition (Iharkút)*

Position: Professional intern

Role: fossil preparation and conservation; screenwashing; fossil excavation fieldwork; taking GPS measurements

Collection visits

2017 – Berlin, Germany (Museum für Naturkunde):

studying Triassic marine reptile material

2017 – Oradea, Romania (Țării Crișurilor Museum):

studying Triassic marine reptile material

Profession-related memberships

2014 – Hungarian Geological Society

2016 – 2017 Society of Vertebrate Paleontology

Popular publications

Segesdi, M. 2017 Sebezhető tengeri óriások (in Hungarian) [*Vulnerable marine giants*]. *Élet és Tudomány [Life and Science]* 2017/34. 1060.

Segesdi, M. 2017 Talányos Ediakara-lények (in Hungarian) [*Enigmatic Ediacaran creatures*]. *Élet és Tudomány [Life and Science]* 2017/24. 740-741.

Segesdi, M. 2017 Paleodiéta a krétából – Az iharkúti megkövült ürülékek titkai (in Hungarian) [*Paleodiet from the Cretaceous – Secrets of the coprolites from Iharkút*]. *Élet és Tudomány [Life and Science]* 2017/21. 656-658.

Segesdi, M. 2017 Tengeri sárkányok a Villányi-hegységből (in Hungarian) [*Sea-dragons from the Villány Mts.*]. *Élet és Tudomány [Life and Science]* 2017/20. 611-612.

Segesdi, M. 2017 Földünk legősibb fossziliái (in Hungarian) [*Earth's earliest fossils*]. *Élet és Tudomány [Life and Science]* 2017/12. 378-379.

Segesdi, M. 2017 Elevenszülő zsiráfnyakú őshüllők (in Hungarian) [*Viviparous "giraffe-necked" reptiles*]. *Élet és Tudomány [Life and Science]* 2017/10. 291-292.

Segesdi, M. 2017 Földöntúli Varas Földek (in Hungarian) [*Unearthly Scablands*]. *Élet és Tudomány [Life and Science]* 2017/4. 99.

Segesdi, M. 2017 Páncélos halak öröksége: az állkapcsunk (in Hungarian) [*The heritage of armored fish: our jaw*]. *Élet és Tudomány [Life and Science]* 2017/3. 68-69.

Segesdi, M. 2016 Alga-elem (in Hungarian) [*Algae-battery*]. *Élet és Tudomány [Life and Science]* 2016/47. 1499.

Segesdi, M. 2016 Marsi hegyláncok titkai (in Hungarian) [*Secrets of martian mountain ranges*]. *Élet és Tudomány [Life and Science]* 2016/46. 1443.

Segesdi, M. 2016 Fény derült a papagájgyík színeire (in Hungarian) [*The colors of the "parrot-lizard"*]. *Élet és Tudomány [Life and Science]* 2016/42. 1316-1317.

Segesdi, M. 2016 Vadászok és áldozatok az ősi tó mélyéről (in Hungarian) [*Predators and prey from the depth of the ancient lake*]. *Élet és Tudomány [Life and Science]* 2016/40. 1251-1252.

Segesdi, M. 2016 Tengerparti séta – dinoszauruszokkal (in Hungarian) [*Walking on the beach – with dinosaurs*]. *Élet és Tudomány [Life and Science]* 2016/39. 1220-1221.

Segesdi, M. 2016 Kékhalál – antarktiszi olvadéktavak (in Hungarian) [*Blue death – melting lakes of Antarctica*]. *Élet és Tudomány [Life and Science]* 2016/38. 1188-1189.

Public lectures

- 2017 march -** „*Dinosaurs and marine reptiles from Iharkút and Villány*” - Ráday Museum, Kecskemét (Hungary)
- 2017 february -** „*230 million years old marine reptiles from the Villány Mts.*” - Museum of Pásztó (Hungary)
- 2017 january -** „*Research of ancient marine reptiles*” - Lánzos Kornél Secondary School, Székesfehérvár (Hungary)
- 2016 november -** „*230 million years old marine dragons from the Villány Mts.*” - Gárdonyi Géza Elementary School, Gárdony (Hungary)

- 2016 october** - „Ancient dragons - dinosaurs from Hungary” - Petőfi Literary Museum, Budapest (Hungary)
- 2016 september** - “Jurassic Park of Iharkút” - Hungarian Geography Museum, Érd (Hungary)
- 2016 march** - „Talking rocks” - Geotour, Sukoró (Hungary)
- 2015 november** - „About fossils and minerals” - Széna Téri Elementary School, Székesfehérvár (Hungary)
- 2015 october** - „Talking rocks” - Geotour, Gánt (Hungary)
- 2011 june** - „Eocene fossils from Gánt, Vértes Mts.” - Lánzos Kornél Secondary School, Székesfehérvár (Hungary)

Media appearance, Interviews

2017

- Interview about the research of the Triassic reptiles from Villány:
<https://www.hrportal.hu/hr/izzaszto-ket-perc-a-liftben-20170314.html>

2016

- News about the newest findings of Mesozoic vertebrates from Hungary:
http://mta.hu/tudomany_hirei/230-millio-eves-okosizsistema-nyomaban-osi-attila-es-kutatocsoportja-uj-eredmenyei-107236
- <http://www.nq.hu/Tudomany/2016/12/19/230-millio-eves-okosizsistema-nyomaban>

2011

- Interview in *Fehérvár Tv* (local Tv channel) about geology and paleontology

2010

- Interview in *The Explorer Magazin* about Hungarian Dinosaur Expedition
- Interview in *Fejér Megyei Hírlap* (local newspaper) about paleontology

Referees

Dr. Attila Ósi

Assistant professor
Department of Paleontology, Eötvös Loránd University
Pázmány P. s. 1/C, 1117 Budapest, HUNGARY
E-mail: hungaros@gmail.com
<http://magyardinoszaurusz.hu/en/attila-osi/>

Dr. Edina Prondvai

Postdoctoral research assistant
Evolutionary Morphology of Vertebrates research group, Ghent University
K.L. Ledeganckstraat 35, B-9000 Gent, BELGIUM
E-mail: edina.prondvai@gmail.com
<http://magyardinoszaurusz.hu/en/edina-prondvai/>