

## EKOLOGIJA, EVOLUCIJA I PONAŠANJE

Predavanje ([mky](#) format)

Predavanje ([pdf](#) - otvara se u "full screen" modalitetu)

### Za učenje:

1. Poglavlje "Natural Selection and Behavior" udžbenika: J. Goodenough, B. McGuire, E. Jakob: "*Perspectives on Animal Behavior, 3<sup>rd</sup> ed.*" (J. Wiley & Sons, 2010, ISBN 9780470045176)
2. Poglavlje "The Evolution of Behavior" udžbenika: L. A. Dugatkin: "*Principles of Animal Behavior, 4<sup>th</sup> ed.*" (University of Chicago Press, 2019, ISBN 9780226448381)
3. Poglavlje "Natural Selection" udžbenika: D. McFarland: "*Animal Behaviour: Psychobiology, Ethology and Evolution, 3<sup>rd</sup> ed.*" (Longman, 1999, ISBN 9780582327320)
4. Poglavlja "Natural Selection, Ecology and Behaviour" i "Testing Hypotheses in Behavioural Ecology" udžbenika: N. B. Davies, J. R. Krebs, S. A. West: "*An Introduction to Behavioural Ecology, 4<sup>th</sup> ed*" (Wiley-Blackwell, 2012, ISBN 9781405114165)

### Popularne knjige:

R. Dawkins: "*The Greatest Show on Earth: The Evidence for Evolution*", Black Swan/Penguin, 2010, ISBN 9780552775243 ([poveznica](#)) (pristupljeno 22.4.2021.)

R. Dawkins: "*The Extended Selfish Gene, 4th ed.*", Oxford University Press, 2016, ISBN 9780198788607 ([poveznica](#)) (pristupljeno 22.4.2021.)

K. Sterelny: "*Dawkins vs. Gould: Survival of the Fittest*", Icon Books, 2007, ISBN 9781840467802 ([poveznica](#)) (pristupljeno 22.4.2021.)

R. Dawkins: "*The God Delusion (10th Anniversary Edition)*", Black Swan/Penguin, 2016, ISBN 9781784161927 ([poveznica](#)) (pristupljeno 22.4.2021.)

A. McGrath: "*The Dawkins Delusion?: Atheist Fundamentalism and the Denial of the Divine*", SPCK Publishing, SPCK Publishing, 2007, ([poveznica](#)) (pristupljeno 22.4.2021.)

A. McGrath: "*Dawkins' God: From The Selfish Gene to The God Delusion, 2nd ed.*", Blackwell/Wiley, 2015 ([poveznica](#)) (pristupljeno 22.4.2021.)

"Ecology, Evolution & Behaviour Survival Kit" može se skinuti [odavde](#).

### Neke istraživačke skupine:

Nick Davies - [https://www.zoo.cam.ac.uk/research/behavioural-cology/behavioural\\_ecology](https://www.zoo.cam.ac.uk/research/behavioural-cology/behavioural_ecology)

Rufus Johnstone - <https://www.zoo.cam.ac.uk/research/behavioural-ecology/Behaviour-and-Evolution>

Rebecca Kilner - <https://www.zoo.cam.ac.uk/research/behavioural-ecology/kilner>

Tim Clutton-Brock - <https://www.zoo.cam.ac.uk/research/groups/larg>

James Herbert-Read - <https://www.zoo.cam.ac.uk/research/behavioural-ecology/marine-behavioural-ecology-group>

Jonathan Green - <https://www.zoo.ox.ac.uk/green-lab>



Ben Sheldon - <https://www.zoo.ox.ac.uk/people/professor-ben-sheldon/>  
Stuart West - <https://www.zoo.ox.ac.uk/west-lab>  
Edmund D. Brodie III - <https://bio.as.virginia.edu/people/edb9j>  
Susan Reichert - <https://eeb.utk.edu/people/susan-rieichert/>  
Anne Magurran - [https://risweb.st-andrews.ac.uk/portal/en/persons/anne-magurran\(4b27832d-6f10-48f3-9fe8-ac4b8bec6958\).html](https://risweb.st-andrews.ac.uk/portal/en/persons/anne-magurran(4b27832d-6f10-48f3-9fe8-ac4b8bec6958).html)  
Jonathan Losos - <https://biology.wustl.edu/people/jonathan-losos>  
David Reznick - <https://davidreznick.weebly.com/>  
Esteban Fernandez-Juricic - <http://www.estebanfj.com/>

### **Pojmovi i osobe spomenuti u predavanju:**

[https://en.wikipedia.org/wiki/Natural\\_selection](https://en.wikipedia.org/wiki/Natural_selection)  
[https://en.wikipedia.org/wiki/Gene-centered\\_view\\_of\\_evolution](https://en.wikipedia.org/wiki/Gene-centered_view_of_evolution)  
[https://en.wikipedia.org/wiki/Group\\_selection](https://en.wikipedia.org/wiki/Group_selection)  
[https://en.wikipedia.org/wiki/Charles\\_Darwin](https://en.wikipedia.org/wiki/Charles_Darwin)  
[https://en.wikipedia.org/wiki/Genetic\\_drift](https://en.wikipedia.org/wiki/Genetic_drift)  
[https://en.wikipedia.org/wiki/Sewall\\_Wright](https://en.wikipedia.org/wiki/Sewall_Wright)  
[https://en.wikipedia.org/wiki/Fitness\\_\(biology\)](https://en.wikipedia.org/wiki/Fitness_(biology))  
[https://en.wikipedia.org/wiki/Selective\\_breeding](https://en.wikipedia.org/wiki/Selective_breeding)  
[https://en.wikipedia.org/wiki/Population\\_genetics](https://en.wikipedia.org/wiki/Population_genetics)  
[https://en.wikipedia.org/wiki/Ronald\\_Fisher](https://en.wikipedia.org/wiki/Ronald_Fisher)  
[https://en.wikipedia.org/wiki/J.\\_B.\\_S.\\_Haldane](https://en.wikipedia.org/wiki/J._B._S._Haldane)  
[https://en.wikipedia.org/wiki/Quantitative\\_genetics](https://en.wikipedia.org/wiki/Quantitative_genetics)  
<https://en.wikipedia.org/wiki/Heritability>  
[https://en.wikipedia.org/wiki/Stephen\\_Jay\\_Gould](https://en.wikipedia.org/wiki/Stephen_Jay_Gould)  
[https://en.wikipedia.org/wiki/Richard\\_Lewontin](https://en.wikipedia.org/wiki/Richard_Lewontin)  
[https://en.wikipedia.org/wiki/Adaptive\\_behavior\\_\(ecology\)](https://en.wikipedia.org/wiki/Adaptive_behavior_(ecology))  
[https://en.wikipedia.org/wiki/Evolutionarily\\_stable\\_strategy](https://en.wikipedia.org/wiki/Evolutionarily_stable_strategy)  
[https://en.wikipedia.org/wiki/John\\_Maynard\\_Smith](https://en.wikipedia.org/wiki/John_Maynard_Smith)  
[https://en.wikipedia.org/wiki/Rock\\_paper\\_scissors](https://en.wikipedia.org/wiki/Rock_paper_scissors)

### **Životinje spomenute u predavanju:**

[https://en.wikipedia.org/wiki/African\\_wild\\_dog](https://en.wikipedia.org/wiki/African_wild_dog)  
<https://en.wikipedia.org/wiki/Panorpa>  
<https://en.wikipedia.org/wiki/Paracantha>  
<https://en.wikipedia.org/wiki/Toxotrypana>  
[https://en.wikipedia.org/wiki/Agelenopsis\\_aperta](https://en.wikipedia.org/wiki/Agelenopsis_aperta)  
[https://en.wikipedia.org/wiki/European\\_herring\\_gull](https://en.wikipedia.org/wiki/European_herring_gull)  
[https://en.wikipedia.org/wiki/Black-legged\\_kittiwake](https://en.wikipedia.org/wiki/Black-legged_kittiwake)  
[https://en.wikipedia.org/wiki/Red-headed\\_weaver](https://en.wikipedia.org/wiki/Red-headed_weaver)  
[https://en.wikipedia.org/wiki/Southern\\_masked\\_weaver](https://en.wikipedia.org/wiki/Southern_masked_weaver)  
[https://en.wikipedia.org/wiki/Village\\_weaver](https://en.wikipedia.org/wiki/Village_weaver)  
[https://en.wikipedia.org/wiki/Black-headed\\_gull](https://en.wikipedia.org/wiki/Black-headed_gull)  
[https://en.wikipedia.org/wiki/American\\_bittern](https://en.wikipedia.org/wiki/American_bittern)  
<https://en.wikipedia.org/wiki/Crenicichla>  
<https://en.wikipedia.org/wiki/Anablepsoides>  
[https://en.wikipedia.org/wiki/Great\\_egret](https://en.wikipedia.org/wiki/Great_egret)

[https://en.wikipedia.org/wiki/Sphex\\_ichneumoneus](https://en.wikipedia.org/wiki/Sphex_ichneumoneus)  
[https://en.wikipedia.org/wiki/Common\\_side-blotched\\_lizard](https://en.wikipedia.org/wiki/Common_side-blotched_lizard)

### **Radio emisije:**

BBC Radio 4, 2014, "In Our Time": Behavioural Ecology ([mp3](#))

### **Edukacijske emisije:**

Uniview Productions, 1997, "Evolution by Natural Selection" ([mkv](#))

### **Računalni programi:**

[Populus](#), University of Minnesota, (pristupljeno 5.5.2021.)

### **Za one koji žele znati više:**

C. T. Bergstrom, L. A. Dugatkin: "Evolution, 2nd ed.", W. W. Norton & Co., 2016, ISBN 9780393937930 ([poveznica](#)) (pristupljeno 5.5.2021.)

T. Flatt, A. Heyland: "Mechanisms Of Life History Evolution: The Genetics and Physiology of Life History Traits and Trade-Offs", Oxford University Press, 2011, ISBN 9780199568772 ([poveznica](#)) (pristupljeno 4.5.2021.)

R. Halliburton: "Introduction to Population Genetics", Pearson, 2003, ISBN 9780130163806 ([poveznica](#)) (pristupljeno 4.5.2021.)

A. Charmantier, D. Garant, L. E. B. Kruuk: "Quantitative Genetics in the Wild", Oxford University Press, 2014, ISBN 9780199674244 ([poveznica](#)) (pristupljeno 5.5.2021.)

D. S. Falconer, T. F. C. Mackay: "Introduction to Quantitative Genetics, 4th ed.", Pearson, 1996, ISBN 9780582243026 ([poveznica](#)) (pristupljeno 5.5.2021.)

P. J. B. Slater, T. R. Halliday: "Behaviour and Evolution", Cambridge University Press, 1994, ISBN 9780521429238 ([poveznica](#)) (pristupljeno 4.5.2021.)