

Contenuti multimediali

Sul sito web online.universita.zanichelli.it/hillis sono disponibili i contenuti multimediali associati al libro (in lingua inglese):

- ▲ **animated tutorial:** un'ampia raccolta di lezioni animate che trattano i concetti fondamentali in un formato che combina una dettagliata animazione con un'introduzione, una conclusione e un test;
- ▲ **web activity:** attività che aiutano a imparare i concetti importanti attraverso diverse tipologie di esercizi;
- ▲ **interactive tutorial:** lezioni interattive che favoriscono la comprensione dei concetti chiave attraverso la risoluzione di problemi e l'uso di tecniche sperimentali e di modelli interattivi;
- ▲ **working with data:** esercizi di analisi dei dati costruiti sulla base degli studi originali illustrati nelle figure "Un caso da vicino";

- ▲ **investigation link:** forniscono una descrizione di tutti esperimenti presentati nelle figure "Un caso da vicino", delle ricerche correlate e delle applicazioni conseguenti; riportano inoltre i link all'articolo originale e ai siti contenenti informazioni aggiuntive sull'esperimento.

Nel sito potete trovare anche i file in formato .pdf di:

- ▲ **Appendice A** - L'albero della vita
- ▲ **Appendice B** - Introduzione alla statistica
- ▲ **Appendice C** - Alcune unità di misura usate in Biologia
- ▲ **Glossario**

Nella tabella che segue sono elencati i contenuti multimediali associati a ciascun capitolo del libro.

 Risorse disponibili su online.universita.zanichelli.it/hillis
 animated tutorial **AT**, web activity **WA**, interactive tutorial **IT**, ed esercizi working with data **WD**

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2	35	Synthesis of Prebiotic Molecules in an Experimental Atmosphere	WD
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5	90	Aquaporins Increase Membrane Permeability to Water	WD
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9	186	DNA Replication, Part 2: Coordination of Leading and Lagging Strand Synthesis	AT
9	189	Polymerase Chain Reaction: Identifying Pathogens	IT
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13	262	Recombinant DNA	WD
13	270	DNA Chip Technology	AT
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16	341	Constructing a Phylogenetic Tree	WD
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17	356	Founder Events and Allopatric Speciation	AT
17	358	Speciation Mechanisms	AT
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21	447	Life Cycle of a Conifer	AT
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23	489	Protostome Classification	WA
23	507	Deuterostome Classification	WA
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23	517	The Amniote Egg	WA
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24	540	Eudicot Stem	WA
24	540	Monocot Stem	WA
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34	710	The Resting Membrane Potential	AT
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35	737	Sensory Receptors	IT
35	739	Structures of the Human Ear	WA
35	740	Sound Transduction in the Human Ear	AT
35	742	Photosensitivity	AT
35	743	Rod Cell Response	WD
35	745	Visual Receptive Fields	IT
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37	774	Describing Air Flow in Bird Lungs	WD
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40	830	Annelid Metanephridia	WA
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