



Satuan Acara Pengajaran

BIO30211 - Iktiologi

Pengajar

Drs. Sunarya Wargasmita

Minggu 1

Materi Pendahuluan

Media LCD; Laptop

Referensi Helfman, G.S., B.B. Collette & D.E. Facey. 1997. The Diversity of Fishes. Blackwell Science, Inc. Malden, MA.
Moyle, P.B. & J.J. Cech. 1996. Fishes: An Introduction to Ichthyology. Prentice Hall, New York.

Aktivitas Kuliah dan diskusi

Minggu 2

Materi Konsep taksonomi dan sejarah perkembangan taksonomi

Media Papan tulis

Referensi Helfman, G.S., B.B. Collette & D.E. Facey. 1997. The Diversity of Fishes. Blackwell Science, Inc. Malden, MA.
Moyle, P.B. & J.J. Cech. 1996. Fishes: An Introduction to Ichthyology. Prentice Hall, New York.

Aktivitas Kuliah dan diskusi

Minggu 3

Materi Metode identifikasi dan nomenklatur

Media LCD; Laptop

Referensi Helfman, G.S., B.B. Collette & D.E. Facey.1997. The Diversity of Fishes. Blackwell Science, Inc. Malden, MA.
Moyle, P.B. & J.J. Cech. 1996. Fishes: An Introduction to Ichthyology. Prentice Hall, New York.

Aktivitas

Minggu 4

Materi Klasifikasi ikan Indonesia

Media LCD; View Camera

Referensi Berra, I.M. 2001. Freshwater Fish Distribution. Academic Press, New York.
Helfman, G.S., B.B. Collette & D.E. Facey.1997. The Diversity of Fishes. Blackwell Science, Inc. Malden, MA.
Moyle, P.B. & J.J. Cech. 1996. Fishes: An Introduction to Ichthyology. Prentice Hall, New York

Aktivitas Kuliah dan diskusi

Minggu 5

Materi Morfologi dan anatomi ikan

Media LCD; Laptop

Referensi Helfman, G.S., B.B. Collette & D.E. Facey.1997. The Diversity of Fishes. Blackwell Science, Inc. Malden, MA.
Moyle, P.B. & J.J. Cech. 1996. Fishes: An Introduction to Ichthyology. Prentice Hall, New York.

Aktivitas Kuliah dan diskusi

Minggu 6

Materi Reproduksi dan pertumbuhan ikan

Media LCD; View Camera

Referensi Helfman, G.S., B.B. Collette & D.E. Facey.1997. The Diversity of Fishes. Blackwell Science, Inc. Malden, MA.
Moyle, P.B. & J.J. Cech. 1996. Fishes: An Introduction to Ichthyology. Prentice Hall, New York

Aktivitas Kuliah dan diskusi

Minggu 7

Materi Pakan dan kebiasaan pakan

Media LCD; View Camera

Referensi Inger, R.F. & P.K. Chin. 1962.The Fresh-water Fishes of North Borneo. Fieldiana, Zoology, Vol.45: 268 pp.
Moyle, P.B. & J.J. Cech. 1996. Fishes: An Introduction to Ichthyology. Prentice Hall, New York.

Aktivitas Kuliah dan diskusi

Minggu 8

Materi Ujian Tengah Semester (UTS)

Media Soal aktif (bahan topik bahasan 1 s/d 7); kertas untuk jawaban

Referensi Berra, I.M. 2001. Freshwater Fish Distribution. Academic Press, New York.
Helfman, G.S., B.B. Collette & D.E. Facey.1997. The Diversity of Fishes. Blackwell Science, Inc. Malden, MA.
Inger, R.F. & P.K. Chin.1962. The Fresh-water Fishes of North Borneo. Fieldiana, Zoology, Vol.45, 268 pp.
Moyle, P.B. & J.J. Cech. 1996. Fishes: An Introduction to Ichthyology. Prentice Hall, New York.

Aktivitas Ujian dengan sistem tertutup (Closed book)

Minggu 9

Materi Keanekaragaman ikan

Media LCD; Laptop

Referensi Berra, I.M. 2001. Freshwater Fish Distribution. Academic Press, New York.
Helfman, G.S., B.B. Collette & D.E. Facey.1997. The Diversity of Fishes.
Blackwell Science, Inc. Malden, MA.

Aktivitas Kuliah dan diskusi

Minggu 10

Materi Habitat ikan

Media LCD; Laptop

Referensi Berra, I.M. 2001. Freshwater Fish Distribution. Academic Press, New York.
Helfman, G.S., B.B. Collette & D.E. Facey.1997. The Diversity of Fishes.
Blackwell Science, Inc. Malden, MA.

Aktivitas Kuliah dan diskusi

Minggu 11

Materi Klasifikasi ekologis ikan air tawar

Media LCD; Laptop

Referensi Helfman, G.S., B.B. Collette & D.E. Facey.1997. The Diversity of Fishes.
Blackwell Science, Inc. Malden, MA.

Aktivitas Kuliah dan diskusi

Minggu 12

Materi Zoogeografi ikan

Media LCD; Laptop

Referensi Berra, I.M. 2001. Freshwater Fish Distribution. Academic Press, New York.
Helfman, G.S., B.B. Collette & D.E. Facey.1997. The Diversity of Fishes.
Blackwell Science, Inc. Malden, MA.

Aktivitas Kuliah dan diskusi

Minggu 13

Materi	Konsep konservasi
Media	LCD; View Camera
Referensi	Helfman, G.S., B.B. Collette & D.E. Facey.1997. The Diversity of Fishes. Blackwell Science, Inc. Malden, MA. Moyle, P.B. & J.J. Cech. Fishes: An Introduction to Ichthyology. Prentice Hall, New York.
Aktivitas	Kuliah dan diskusi

Minggu 14

Materi	Ujian Akhir Semester (UAS)
Media	Soal aktif (bahan 1 s/d 7 dan 9 s/d 13); kertas untuk jawaban soal
Referensi	Berra, I.M. 2001. Freshwater Fish Distribution. Academic Press, New York. Helfman, G.S., B.B. Collette & D.E. Facey.1997. The Diversity of Fishes. Blackwell Science, Inc. Malden, MA. Inger R.F. & P.K. Chin. 1962. The Fresh-water Fishes of North Borneo. Fieldiana, Zoology, Vol.45: 268 pp. Moyle, P.B. & J.J. Cech. 1996. Fishes: An Introduction to Ichthyology. Prentice Hall, New York.
Aktivitas	Ujian dengan sistem terbuka (Open book)