Auerbach, on dilemma-time in perception, 134-5. Aurelia aurita, nervous system of, 69.

В.

Bain, Professor Alexander, on associated movements, 41, 43; on association of ideas, 120; on perception, 125; on ideas as faint revivals of perceptions, 142-3; on evolution of instinct, 256.

Baines, Mrs. M. A., on a puppy learning to imitate a cat, 224.

Banks, Sir J., on modified instincts of a spider, 209.

Barking, instinct of, round a carriage, 182, 186; instinct of an offshoot from acquired instinct of protecting master's property, 235; not practised by dogs in certain parts of the world, 250.

Barrington, on birds acquiring songs of their foster parents. 222.

Bastian, Dr., on sense of direction, 292-3; on intelligence of orang-outang,

Bat, sensibility of blinded, 94. Bateman, Dr. Frederick, on relation of intelligence to mass of brain, 44.

Bates, on memory of Hymenoptera, 123.

Batrachia. See Amphibia. Baxt, on reaction-time as increased by complexity of perception, 133.

Bear, becoming omnivorous, 247.

Beaver, local variation of instinct in, 249; relation of instinct to reason in, 329.

Bechstein, on Birds, 149, 222-3, 245.

Bees, memory in, 146; instincts of, 166-8, 174-5, 179, 203-9; boring holes in corollas, 220-1; local variations of instincts of, 245; sense of direction in, 290, 293-4; cell-making instinct of, 317; grade of mental evolution of, 350.

Beetles, memory in, 123; instincts of dung, 244. Begging, hereditary transmission of, in dog and cat, 195-6.

Belt, on memory of Hymenoptera, 123.

Bembex, instincts of, 166, 191-2.

Benevolence, in animals, 341, 345; in cats, 345-6.

Bennet, on birds dreaming, 149.

Bevan, the Rev. J., on mistaken instincts of bees and wasps, 167.

Bidie, G., on alleged instinct of scorpion to commit suicide, 278; on a bull feigning death, 313-14.

Bingley, on crabs feigning death, 305.

Birds, special senses of, 57; sight, 91; hearing, 91-2; smell, taste, and touch, 92; colour-sense, 99-100; memory, 124; perception, 131; dreaming, 149; instincts of young, 161-5, 170-1; mistaken instincts of, 168; trivial and useless instincts of, 176; attachments between different species of, 185, and with other animals, 183-5; variations in nest-building of, 209-12; variations in incubating instincts of, 212-17; instinctive singing of, 222; imitating songs of other birds, 222-3; teaching their young, 226-7; local variations of instincts in, 245-7; specific variations of instinct in, 251-5; flying towards light, 279; migration of, 286-9, 295-7; feigning death, 303-5; feigning injury, 316-17; emotions of, 345; grade of mental evolution of, 351.

Biscacha, instinct of, 190.

Black. William, on migration of swallows, 246.

Blackbird, conveying young, 211.

Blackie, Professor, on colour-sense, 100.