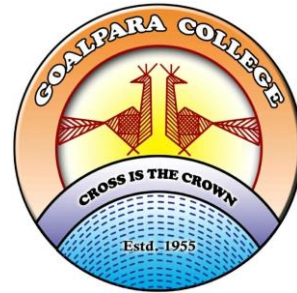# Types of Insect Antenna

Paper title: Biology of Insects, **Paper Code**: ZOO-HE-6016

& Paper title: Insects, Vectors and Disease, **Paper Code**: ZOO-RE-6026

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- **Setaceous: (Bristle like)** Size of the segments decreases from base to apex. e.g. Leafhopper, Dragonfly, Damselfly.

Setaceous

- **Filiform: (Thread like)** Segments are usually cylindrical. Thickness of segments remains same throughout. e.g. Grasshopper.

Filiform

- **Moniliform: (Beaded)** Segments are either globular or spherical with prominent constriction in between e.g. Termite.

Moniliform

- **Serrate: (Saw like)** Segments have short triangular projections on one side. e.g. Longicorn beetle
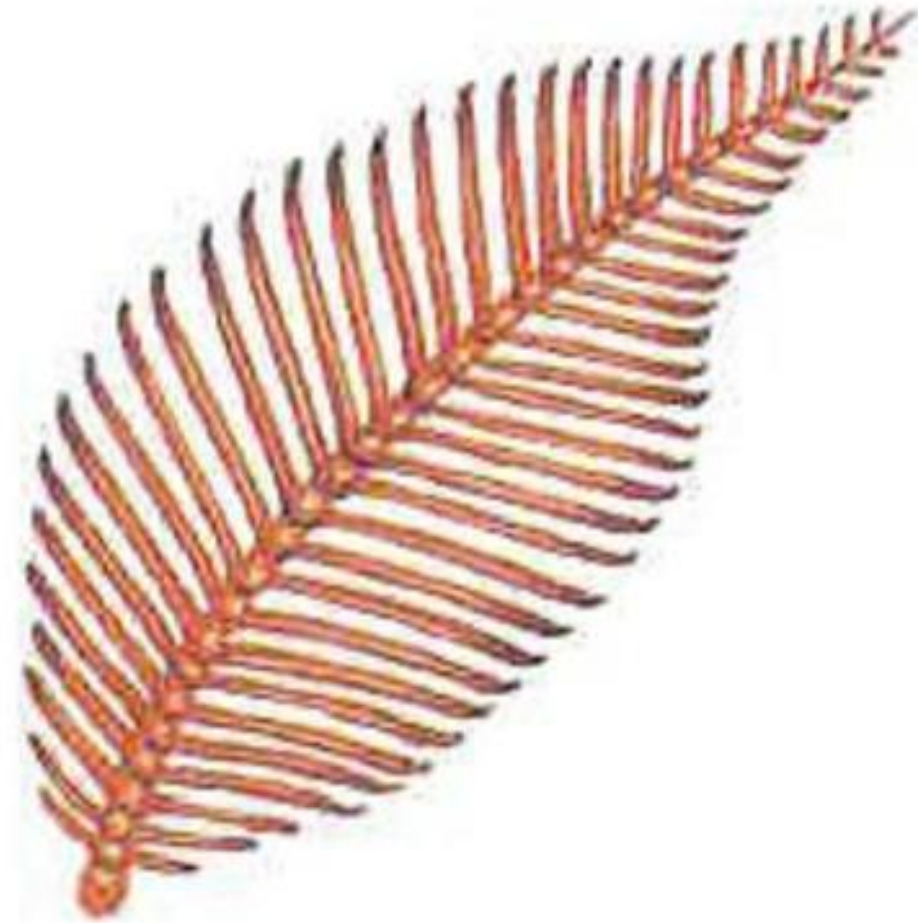
Serrate

- **Unipectinate: (Comb like)** Segments with long slender processes on one side e.g. Sawfly

Pectinate

- **Bipectinate: (Double comb like)** Segments with long slender lateral processes on both the sides e.g. Silkworm moth
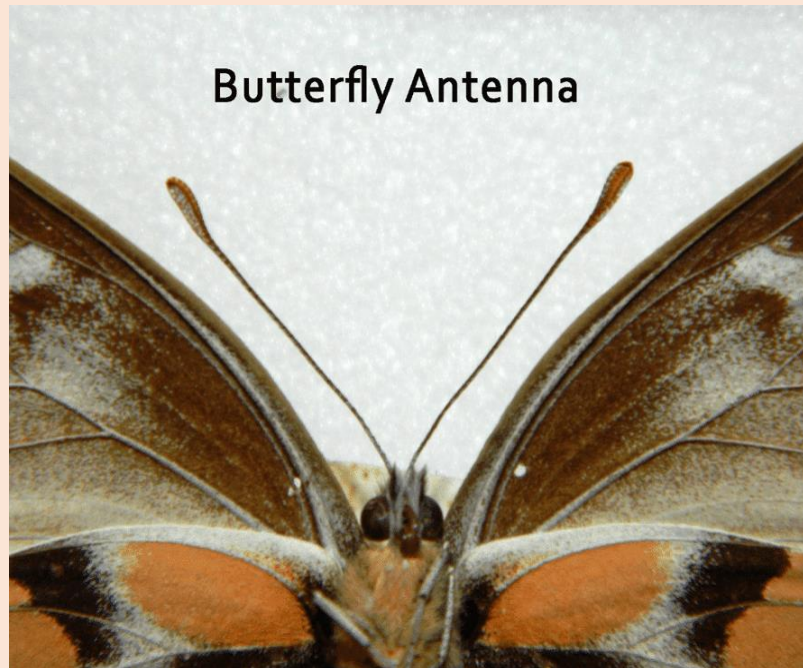
- **Clavate: (Clubbed)** Antenna enlarges gradually towards the tip. e.g. Blister beetle
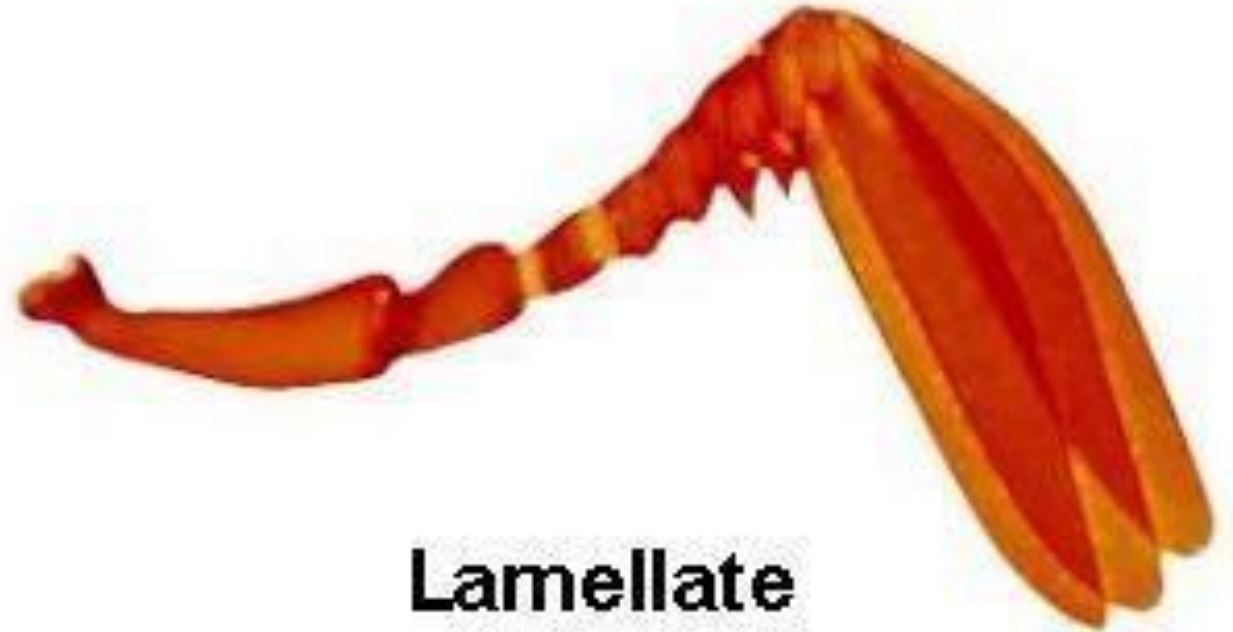
Clavate

- **Capitate: (Knobbed)** Terminal segments become enlarged suddenly e.g. butterfly

Butterfly Antenna

Capitate

- **Lamellate: (Plate like)** Antennal tip is expanded laterally on one side to form flat plates e.g. lamellicorn beetle
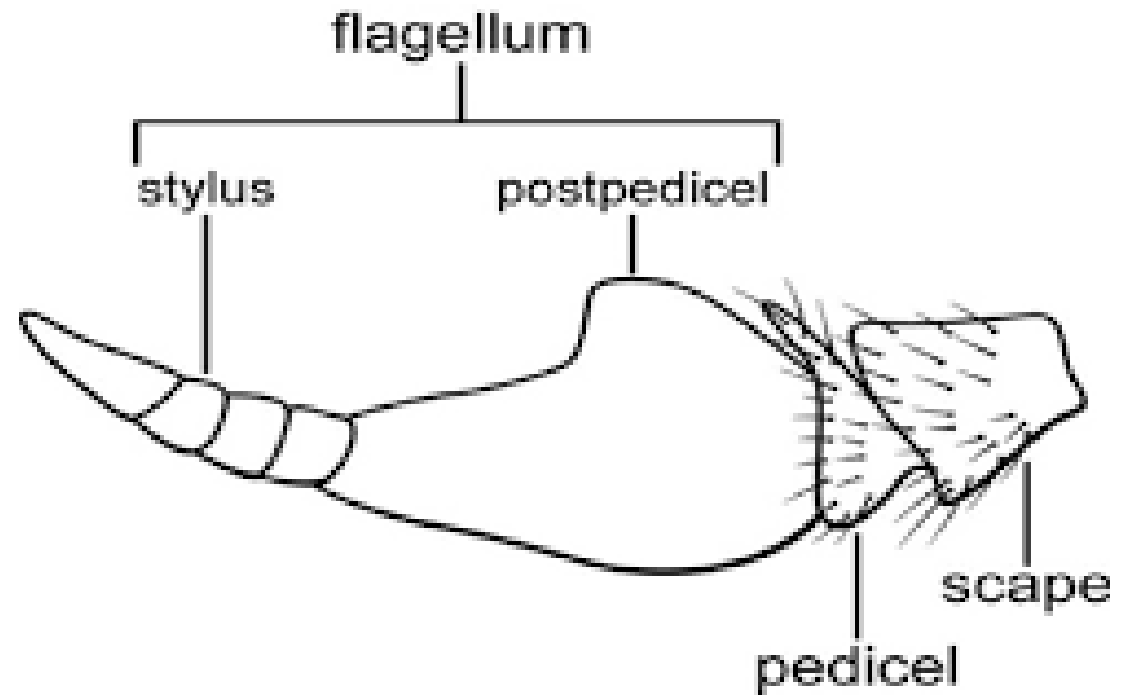
Lamellate

- **Aristate:** The terminal segment is enlarged. It bears a conspicuous dorsal bristle called arista e.g. House fly
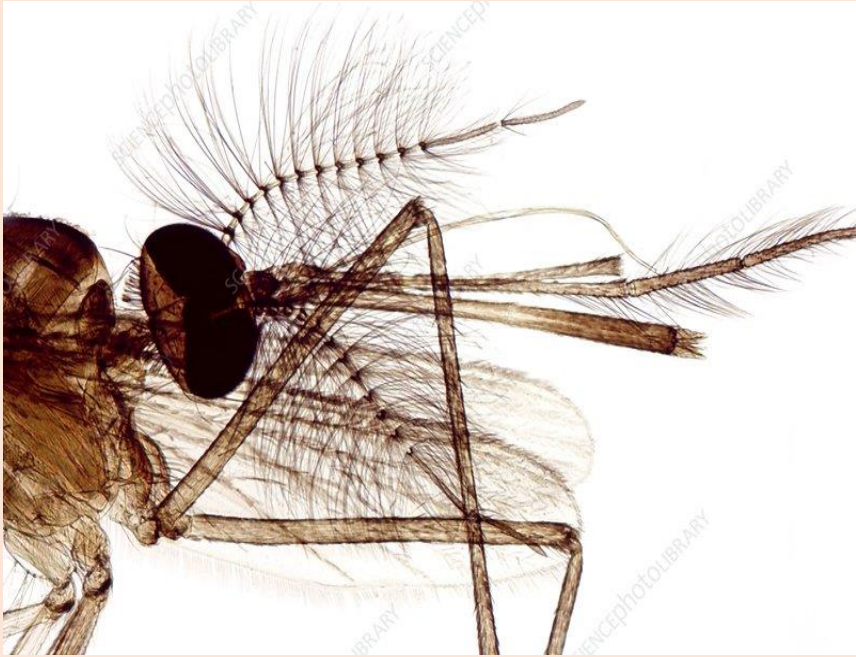
Aristate

- **Stylate:** Terminal segment bear a style like process e.g. Horse fly, Robber fly.
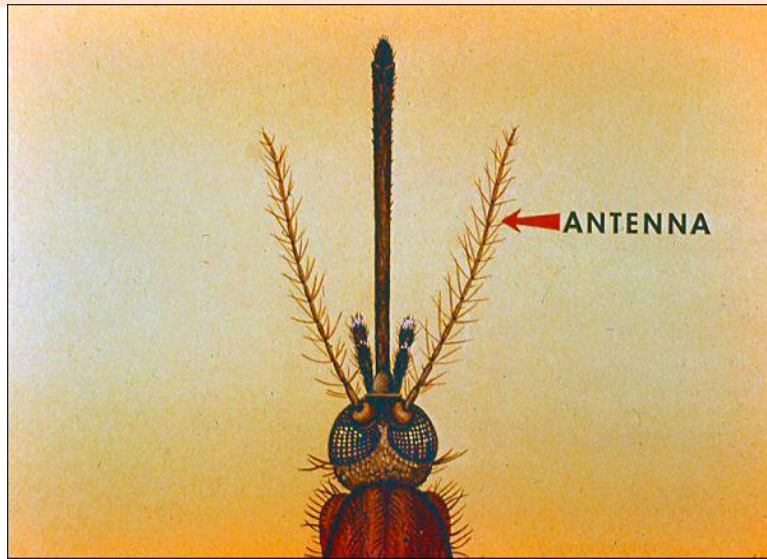
- **Plumose: (Feathery)** Segments with long whorls of hairs e.g. male mosquito
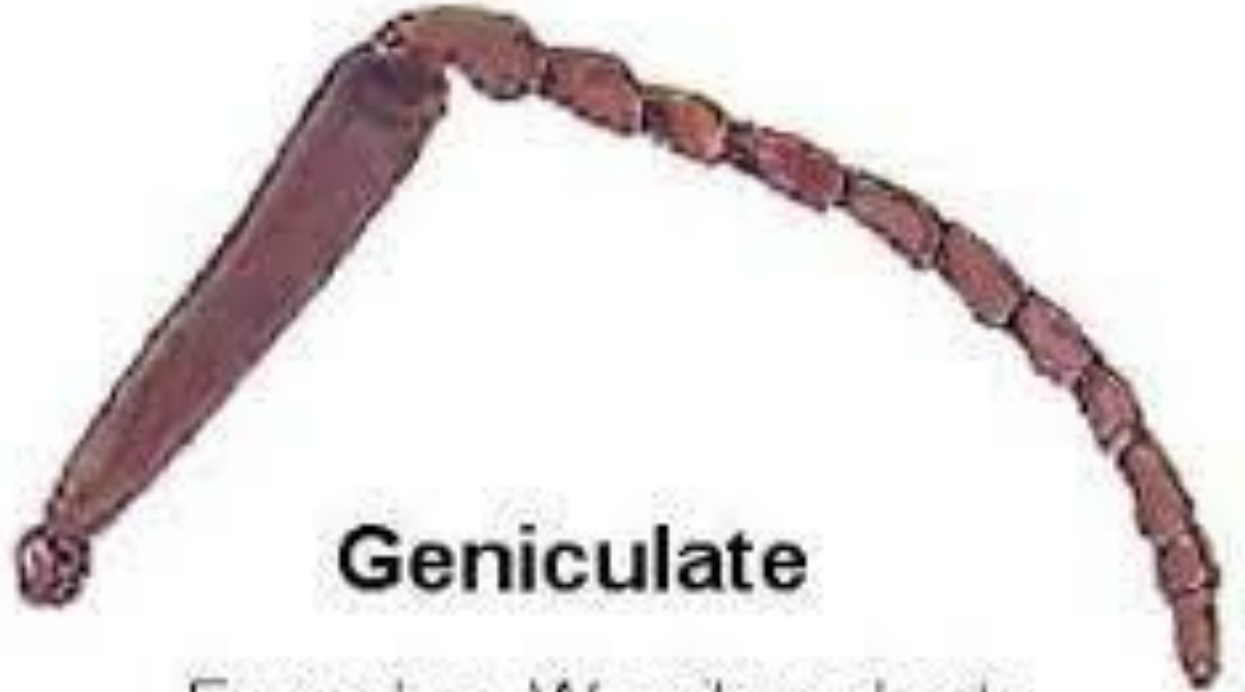
Plumose

- **Pilose: (Hairy)** Antenna is less feathery with few hairs at the junction of flagellomeres. e.g. Female mosquito.

ANTENNA

- **Geniculate: (Elbowed)** Scape is long remaining segments are small and are arranged at an angle to the first resembling an elbow joint. e.g. Ant, weevil and honey bee.

Geniculate

Examples: Weevils and ants

Thank You

Reference: https://ecoursesonline.iasri.res.in/