Purification of Nest Protein for Structural Material in Caddisfly, *Hydropsche* sp.; *Trichoptera*

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The product of nest proteins for structural materials is used for its net and snare under water. These proteins are of scientific and technological interest because it is formed, durable in the presence of water. The whole body structure of caddisfly larva was studies by paraffin embedded sections. The exocrine glands of caddisfly were composed of one pair in one caddisfly larva and were shown to 'Z' shape. The cells of exocrine gland could be removed by the alcohol/water treatment. Thus only exocrine gland producing proteins could be separated. From these gland producing proteins, SDS PAGE, gel filtration and N-terminus amino acid sequencing were performed.