

with small tubercle, and with 3 annulations on style of flagellum. Collected from Ruergai (Baxi) Hongyuan (Tangke), Songpan and Hongyuan of Sichuan. These district are 3100, 3500, 2900 and 3520 metres above the sea level respectively.

Hybomitra abaensis sp.nov. (fig. 3)

Female Length 9—11mm. Eye green with obscure bands (relaxed), covered with short dense brown pile. Frons brownish yellow, furnished with short hairs of same color, 2.2—2.5 times as high as basal width, parallel sided. Basal callus shiny black, covered with pollen partly. Face brown yellow furnished with short hairs of same color. Antenna black, style of flagellum with 4 annulations. Wing without brown spots on cross vein, vein r4 without appendix.

Related to *Hy.ruergaiensis*, but wing without brown spots on cross vein, and smaller frontal callus, longer facial hairs. Also related to *Hy.kozlovi* Olsufjev, 1967, but *Hy.kozlovi* with 3 annulations on style of antenna, narrower frons, and with small transverse wrinkle on basal callus. Resembles *Hy.tibetana* Szilady, 1926, but without brown lateral spots on terga - , larger basal frontal callus. Collected from Ruergai (Baxi), Hongyuan (Tangke), Songpan, Hongyuan and Yajiang of Sichuan.

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鲤鱼苗食性转变初探

1983年6月, 对实验饲养的各期鲤鱼苗进行了消化道前端内含物测定, 以观察其食性转变情况。

自鲤鱼苗孵出约36小时起, 即可取食少量轮虫, 但基本上未消化; 全长达8毫米以上时主食轮虫类(以龟甲轮虫、裂足轮虫为主); 在近9毫米时, 仍以轮虫类为主食, 并开始摄食其它幼小浮游动物(如小型桡足类、无节幼体); 在10—13.2毫米时主食小型桡足类, 无节幼体等; 13.5—16.8毫米时, 以枝角类和水生寡毛类、桡足类为主食; 17—20毫米时, 喜食大型浮游动物、底栖动物和其它幼虫; 个体长达20毫米以上则其食性随个体长大而越趋广泛。

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