



examined, acid phosphatase, phosphoglucoisomerase, phosphoglucomutase and malate dehydrogenase showed high enzyme activities, whereas alkaline phosphatase, esterase, lactate dehydrogenase, hexokinase and 6-phosphogluconate dehydrogenase showed low enzyme activities. All of the eleven enzymes were found in *F. gigantea*, but four of them, namely, alkaline phosphatase, esterase, glutamate dehydrogenase and lactate dehydrogenase were not detected in *O. viverrini*. Genotypic differences between the two species were clearly distinguished by three enzymatic systems, namely, acid phosphatase, phosphoglucoisomerase and phosphoglucomutase. Among the eleven enzymes, phosphoglucomutase isoenzyme variation was found in *O. viverrini*. This work indicates that *O. viverrini* and *F. gigantea* can be distinguished by their protein and isoenzyme patterns besides from their morphological differences.