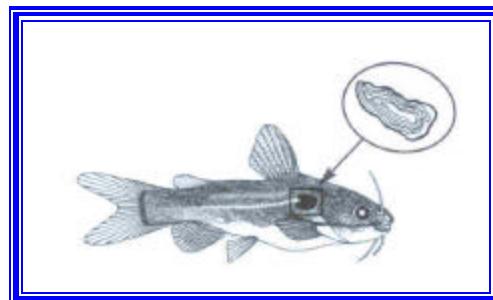


fplV RtecoRtl (otoliths)

eday³ exn htfl (Kent Hortle)

maneRchenAkjRtecoRtCagCbrBtHenAkjEPk



qlyBBPBd³msjt; CMATkrbs; TenemKg¹AtkEngmlyd²Gr Edl manRtCaeRchRbePTTak; TgKaedayRbePTensemgd²issdtCa semgERsk-dtsemgRCk; SemgK¹2 r³semogg⁴gt². RtbeBa⁵stj VensemPaKeRchedh,lsmal n⁶RbePTrbsBkva. semgrbsRbePTRtklenAeB| Edl vabn⁷bjs⁸bedayj bQal K⁹GaceF¹⁰GayBx¹¹ mrh¹²teTAdl Rca¹³ Edl Castc¹⁴k nigK¹⁵ eGayRB¹⁶k,al enAeB| ybs¹⁷t;. c¹⁸NkERTcB¹⁹nd²⁰j niymm²¹RbePTeTotK²²rkRB²³kn²⁴Rkhm (*Botia modesta*) eF²⁵GaynPbcit²⁶ m²⁷rsbsyaedaysarEt karbeBa²⁸ Semgd²⁹drbsya.

bfinbdhm,lsbbB³⁰semg)anRtT³¹menHTamTarRtUmanRtecoxyagCmaj . RthmanRbB³²Rtecoxagk³³ d³⁴al³⁵ manq³⁶Rtecoxbeglt GaymansmasPaBCaKn³⁷ly . qyf³⁸RtecoxCaRbB³⁹q⁴⁰Edl eF⁴¹ eGayRtGacTT⁴² s⁴³bnUr⁴⁴ ksemox⁴⁵x⁴⁶Ka)anyageRchCagragkayrbsya. c⁴⁷l naepSg⁴⁸K⁴⁹rbsf⁵⁰ qyRtecoRt⁵¹Gayk⁵²keramenAkjRtecoEdl CakarbBa⁵³sarBRB⁵⁴RbsaTeTakanx⁵⁵k,al . Rt-ecokxagk⁵⁶g⁵⁷ansars⁵⁸Manx⁵⁹NasEdrs⁶⁰beF⁶¹Gayman⁶² modl qyRtecokeybeglt)anCa si⁶³énrgegesatvBa⁶⁴N ehlyc⁶⁵narbsq⁶⁶Rtecoxbeglt eGayx⁶⁷k,al d⁶⁸)annUBkarrkTis nigkar karb⁶⁹as;TeTAm⁷⁰.

fplV RtecoKK⁷¹U)anG⁷²C⁷³sars⁷⁴Rt⁷⁵BrR)asyags ManenAtamdi⁷⁶RsavRCa/CaeRch. fplV RtecoR⁷⁷RtU)aneKeR⁷⁸R)asCaerchTsvtSmkehly⁷⁹Mbk⁸⁰ntGayR⁸¹ B⁸²Bahvad⁸³ t⁸⁴l aseRchr⁸⁵Wicdl⁸⁶K⁸⁷ nigkar l⁸⁸l asrbsRtEdr ehlyedaysarEt vamanRbB⁸⁹Rbrb⁹⁰ d⁹¹rb⁹²ut r⁹³arkménRb⁹⁴ G⁹⁵ nigkal S⁹⁶thkab⁹⁷NatEdl manragCadd⁹⁸; (*called annuli*). d⁹⁹g¹⁰⁰)anK¹⁰¹dk¹⁰²Caerogral éf¹⁰³ldtenH ehlyeTbGaceGayeKrabk¹⁰⁴nt;)annUGayabsRt¹⁰⁵kg¹⁰⁶bt .

ral karBnitüK¹⁰⁷U)aneKem¹⁰⁸l eTAe¹⁰⁹ K¹¹⁰obca¹¹¹AeB| NaEdl RtB¹¹²Umankar| t¹¹³l as; edaykar B¹¹⁴titüPaKeRch)anbg¹¹⁵j eGayeX¹¹⁶j famanRbePTRtm¹¹⁷y¹¹⁸mank¹¹⁹l t¹²⁰l asy¹²¹tenArdUrgar eB|

enatlehlyEd | vabegiteGaymanrgyRbcamx²KäEd | CasBaNbgäj nUGaygäbsRtl. RbePT
RtRtBkKmankar | MakeRchedlm, bFkarkntGayabsya dßenHkarBhitüGacRtU)aneKeFHTAtamrdU
rWefdaykthepeSg²eTotEd | karl tt | asenahBTATamFmja.

rbragrbsfpyRtecokERbRbI xisKäeTAtamRbePTRtIehlyvaRtU)anrMayyagytbbut döchlehlly
eTbaenAmansI)anyagybenAkjgeBaHevonrbsBBkRbePTSsacCaGahar Ed | GaceFNGayBBk
GkCvsarsPacknt;annURbePTRtEd | RtU)ansdayBBkRtIrlstId | sIsacCaCnlenah.

kareRbR)asfpypRtecokRtIffenHPaKeRch)anpjl nUGtRbeyaCnBmasFatabsya Ed | ERbRbI
eTAtamkarrsenArbsRtCamlynnsarFatKMEd | manenAtambrisinx²Käenah. smmaRténvt
FatTayLayEd | manenAkjfpypRtecokRt)anpjl eGaynUsBx²KäEd | GaceGayeKeRbR)as;
edlm,bgäj Bp | sEEd | anviDñenAkjbrisinx²Kä nigGacbgäj eGayeXlj faetRt)ancNay
eB | bmanprsenAkjSmRT. becReTsenHrtU)anerBb)asedlm,bgäj eGayeXlj famanRtR)aTen
emKgnyRbePT (*Pangasius Krempfi*))anerBb)asmlyEptkénCltduRbsyaenAkjSmRT. foy
RtecokkGaceFNGaydgEdrBbNphsarFatBu enAkjbrisin TnhingenHvakmanRbeyaCnBmbeFV
CasnksnysEvgBClitrserArbsRtbgEdr.

karGnuthenAeB | fPenH)anBjEpkeTaeI karvPaKBII HgGaysstb (*isoptipes*) enAkjfpypRtecok
Rtl. fpypRtecokRtRbmI pUnlcm²)annUchsmmaRtEd | ERbRbI rbsGaysstbGksEsnEd |
mankitx²KäenAkjktstNPabx²KäEdr döchlehllyeTbfpyRtecokRtGacbgäj eGaydgBl
stNPabrbstkenAeB Ed | RthsenA. bcp, nñH hñll fpypRtecokRtRtU)aneKeRbR)asedlm,I
kin tñukktstNPabbærRvtp

smmaRtesBPaBrbsGaysstbGacknt)anfaetRtCaBBktNsl -sbytgCaGahar; RbePTsl
cm rBabBkstIsacCaGahar ehlykcarbPBénrsjsMyakRKadHbenAkjsgkQamEd | vaRtUkar
pgEdr -] TahrNacca BBksaray rBbePTrkçatifakx²Ed | CaGaharsManstBrtlsenA;
Ed | TahrGsenHehlyCakarGnuthmanRbeyaCnbyagFNGgcBalkarRKbRKgvistycpl .