

Supplementary file 2: Microphotographs of collected monogenean species

Fig. S1 *Dactylogyrus anoigeus* n. sp. ex *Acanthobrama marmid*. Microphotograph of (a) the haptor structures and (b) the male copulatory organ and vagina.

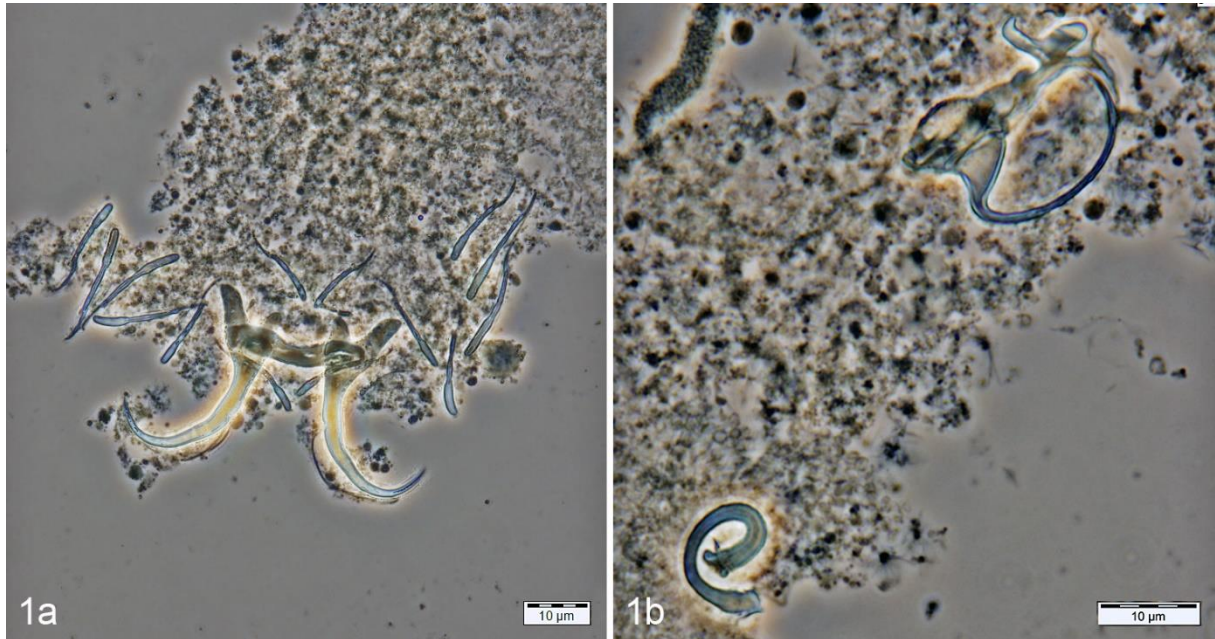


Fig. S2 *Dactylogyrus medicus* n. sp. ex *Garra rufa*. Microphotograph of (a) the haptor structures and (b) the male copulatory organ.

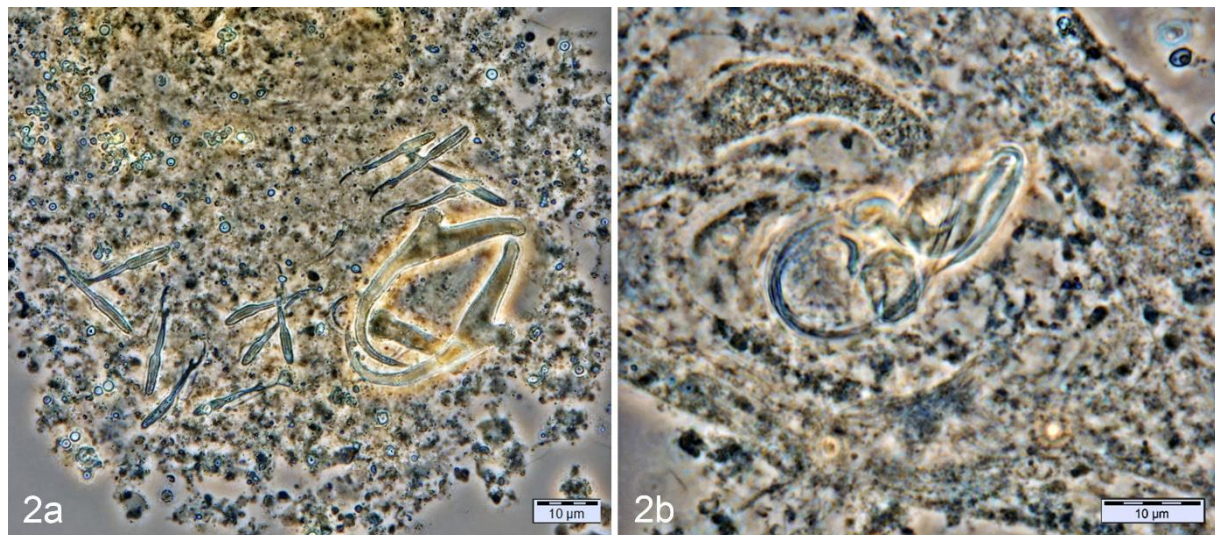


Fig. S3 *Dactylogyrus regius* n. sp. ex *Chondrostoma regium*. Microphotograph of (a) the haptoral structures and (b) the male copulatory organ and vagina.



Fig. S4 *Dactylogyrus rivalis* n. sp. ex *Squalius lepidus*. Microphotograph of (a) the haptoral structures and (b) the male copulatory organ and vagina.

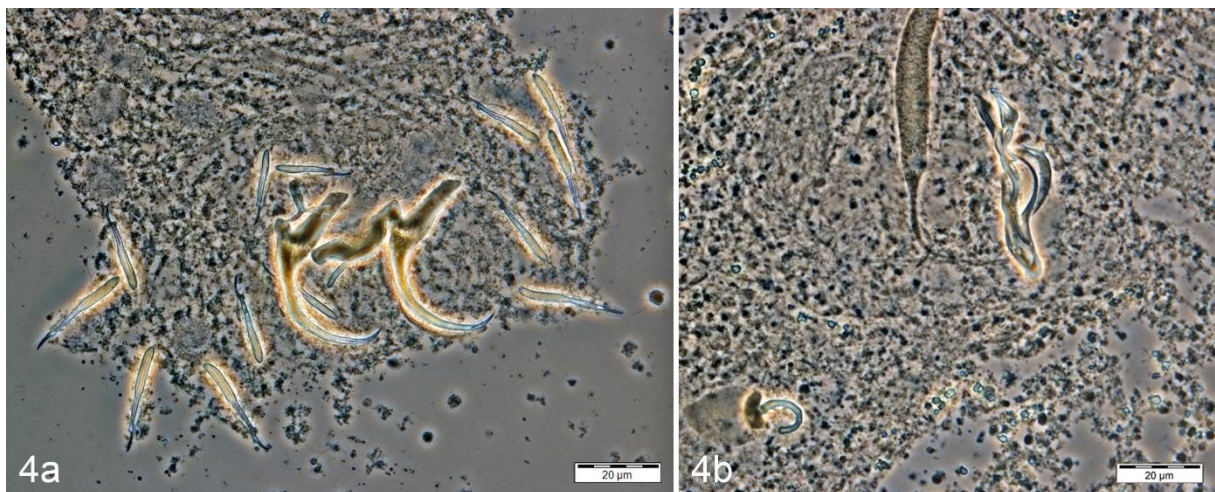


Fig. S5 Microphotographs of the newly-described *Gyrodactylus* spp.

(A) photo illustrating haptor of *G. azeezsaedi* n. sp. ex *Squalius berak*;

(B) photo illustrating haptor of *G. blazeki* n. sp. ex *Alburnus* sp.;

(C) photo illustrating haptor of *G. iraqemembranatus* n. sp. ex *Paracapoeta trutta*;

(D) photo illustrating haptor of *G. jurajdai* n. sp. ex *Chondrostoma regium*;

(E) photo illustrating haptor of *G. mhaiseni* n. sp. ex *Alburnus sellal*;

(F) photo illustrating haptor of *G. sandai* n. sp. ex *Capoeta umbla*;

(G) photo illustrating haptor of *G. satanicus* n. sp. ex *Garra rufa*;

(H) photo illustrating haptor of *G. vukicae* n. sp. ex *Garra rufa*

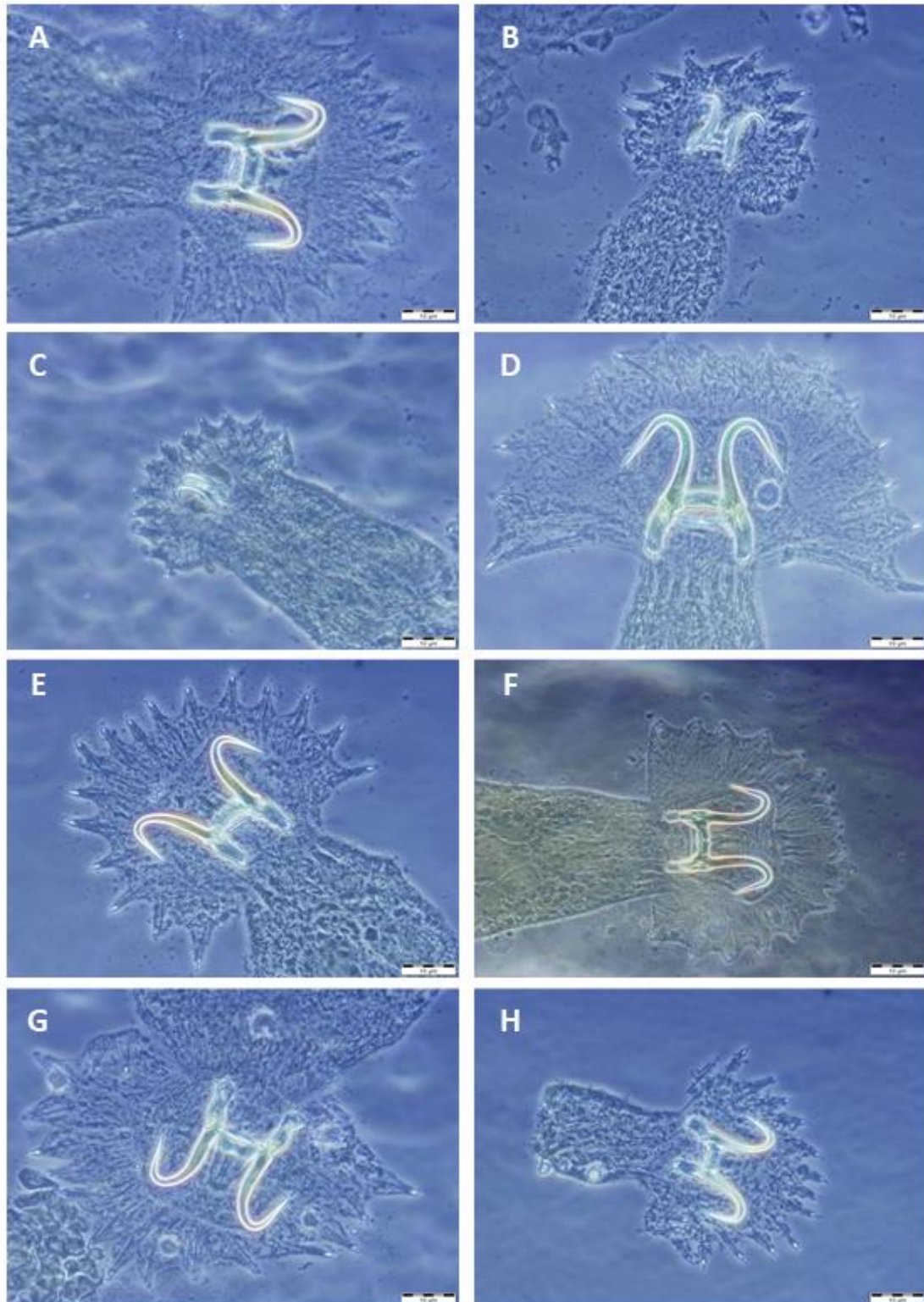


Fig. S6 Microphotographs of the collected *Dogielius* spp.

(A) photo illustrating haptor+MCO+Vagina of *Dogielius molnari* ex. *Cyprinion macrostomum*;

(B) photo illustrating the haptor of *D. mokhayeri* ex. *Paracapoeta trutta*;

(C) photo illustrating MCO+Vagina of *D. mokhayeri* ex. *Paracapoeta trutta*;

(D) photo illustrating the haptor of *Dogielius* cf. *persicus* ex. *Carasobarbus luteus*;

(E) photo illustrating MCO+Vagina of *Dogielius* cf. *persicus* ex. *Carasobarbus luteus*

