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NOTAS

SKRJABINOCLAVA TUPACINCAI FREITAS, VICENTE & IBÁÑEZ, 1970 IN BRAZIL AND SOME OTHER HELMINTHS FROM TYRANNIDAE BIRDS

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Brief comments are made on five species of nematodes: Skrjabinoclava tupacincai *Freitas, Vicente & Ibáñez, 1970,* Deliria gomesae *Vicente, Pinto & Noronha, 1980,* Ornithofilaria pitangi *Vicente, Pinto & Noronha, 1980,* Diplotriaena delirae *Pinto & Noronha, 1970,* Thelazia *sp.; three species of trematodes:* Lutztrema transversum *(Travassos, 1917) Travassos, 1941,* Lophosicyadiplostomum nephrocytis *(Lutz, 1928) Dubois, 1937,* Gynaecotyla jägerskiöldi *(Travassos, 1920) Yamaguti, 1939; one species of cestode:* Biuterina campanulata *(Rudolphi, 1819) and one species of acanthocephala:* Centrorhynchus opimus *Travassos, 1921, that were studied in order to provide some data concerning the examined samples.*

Seventy-one samples of nematodes, cestodes, trematodes and acanthocephalans of the Instituto Oswaldo Cruz Helminthological Collection, recovered from *Pitangus sulphuratus* (L.) and *Megarhynchus pitangua* (L.) were examined, after a complete revision of the bibliography concerning helminths of these hosts, both of them commonly named kiskadees. The ten species of helminths studied are briefly presented, since all of them are well known and no evidence was observed to justify a redescription, though remarks on some of the species were included, in order to rectify or provide information.

NEMATODA

1. Acuariidae Seurat, 1913

1.1. *Skrjabinoclava tupacincai* Freitas, Vicente & Ibáñez, 1970
(Fig. 1)

This species described from *Actitis macularia* L. captured in Chicama, Peru (Freitas et al, 1970) is for the first time referred in a Brazilian host.

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Host: *Pitangus sulphuratus* (L.)
Locality: Rio de Janeiro, Rio de Janeiro State
Site of infection: Proventriculus
Specimens deposited: Instituto Oswaldo Cruz Helm. Coll. No. 30.780

1.2. *Deliria gomesae* Vicente, Pinto & Noronha, 1980
(Fig. 2)

It is the type and single species of the genus.

Host: *Pitangus sulphuratus* (L.)
Locality: Raimundo Island, Rio de Janeiro, Rio de Janeiro State
Site of infection: Stomach
Specimens deposited: IOC Helm. Coll. No. 31.780

2. Dipetalonematidae Wehr, 1935
2.1. *Ornithofilaria pitangi* Vicente, Pinto & Noronha, 1980
(Fig. 3)

Host: *Megarhynchus pitangua* (L.)
Locality: Angra dos Reis, Rio de Janeiro State
Site of infection: Orbital sinus
Specimens deposited: IOC Helm. Coll. No. 31.782

3. Diplotriaenidae Anderson, 1958
3.1. *Diplotriaena delirae* Pinto & Noronha, 1970
(Figs. 4-5)

The measurement concerning the lenght of the vagina in the type specimen (IOC Helm. Coll. No. 30.565c) is now emended from 2.82, as originally published (Pinto & Noronha, 1970) to 1.82 mm.

Host: *Pitangus sulphuratus* (L.)
Locality: Angra dos Reis, Rio de Janeiro State
Site of infection: Body cavity
Specimens deposited: IOC Helm. Coll. No. 31.783

4. Thelaziidae Skrjabin, 1915
4.1. *Thelazia* sp.

Of this species, only a single female worm was available.

Host: *Pitangus sulphuratus* (L.)
Locality: Raimundo Island, Rio de Janeiro, Rio de Janeiro State
Site of infection: Orbital cavity
Specimen deposited: IOC Helm. Coll. No. 30.139

TREMATODA

1. Dicrocoelidae Odhner, 1910
1.1. *Lutztrema transversum* (Travassos, 1917) Travassos, 1941
(Fig. 6)

Host: *Megarhynchus pitangua* (L.)
Localities: Lassance, Minas Gerais State, Camisão, Mato Grosso State, Angra dos Reis and Iguaçu, Rio de Janeiro State
Site of infection: Gall bladder
Specimens deposited: IOC Helm. Coll. No. 806, 1.061, 2.517, 4.331, 4.332, 5.046, 6.970, 9.331, 12.108, 12.110, 12.264, 12.337, 13.915, 13.936

2. Diplostomidae Poirier, 1866
2.1. *Lophosicyadiplostomum nephrocystis* (Lutz, 1928) Dubois, 1937
(Fig. 7)

Although the smaller dimentions of our specimens they were easily identified to the species.

Host: *Pitangus sulphuratus* (L.)
Locality: Rio de Janeiro, Rio de Janeiro State
Site of infection: Intestine
Specimens deposited: IOC Helm. Coll. No. 17.041, 25.578, 25.579, 25.580

3. Microphallidae Travassos, 1921
3.1. *Gynaecotyla jägerskiöldi* (Travassos, 1920) Yamaguti, 1939
(Fig. 8)

This is a new host record for this species also recovered from *Didelphis aurita* Wied and *Laterallus viridis* (Mueller)

Host: *Pitangus sulphuratus* (L.)
Locality: Rio de Janeiro, Rio de Janeiro State
Site of infection: Small intestine
Specimen deposited: IOC Helm. Coll. No. 25.554

CESTODA

1. Dilepididae Railliet and Henry, 1909
1.1. *Biuterina campanulata* (Rudolphi, 1819)
(Fig. 9)

This species was redescribed and figured by Pinto & Noronha (1972)

Hosts: *Megarhynchus pitanga* (L.) and *Pitangus sulphuratus* (L.)
Localities: Alfenas, Minas Gerais State, Pirassununga, São Paulo State, Usina Meio da Várzea, Pernambuco State.

Site of infection: Small intestine
Specimens deposited: IOC Helm. Coll. No. 30.726, 31.784, 31.785

ACANTHOCEPHALA

1. Polymorphidae
1.1. *Centrorhynchus opimus* Travassos, 1921
(Fig. 10)

Host: *Megarhynchus pitangua* (L.)
Localities: Rio de Janeiro, Rio de Janeiro State, Cachimbo, Pará State.
Site of infection: Intestine
Specimens deposited: IOC Helm. Coll. No. 1917 (type), 1.918, 1.951, 1.952, 1.956, 1.957, 1.958, 1.959, 9.227, 30.136, 30.137, 30.142, 31.797

RESUMO

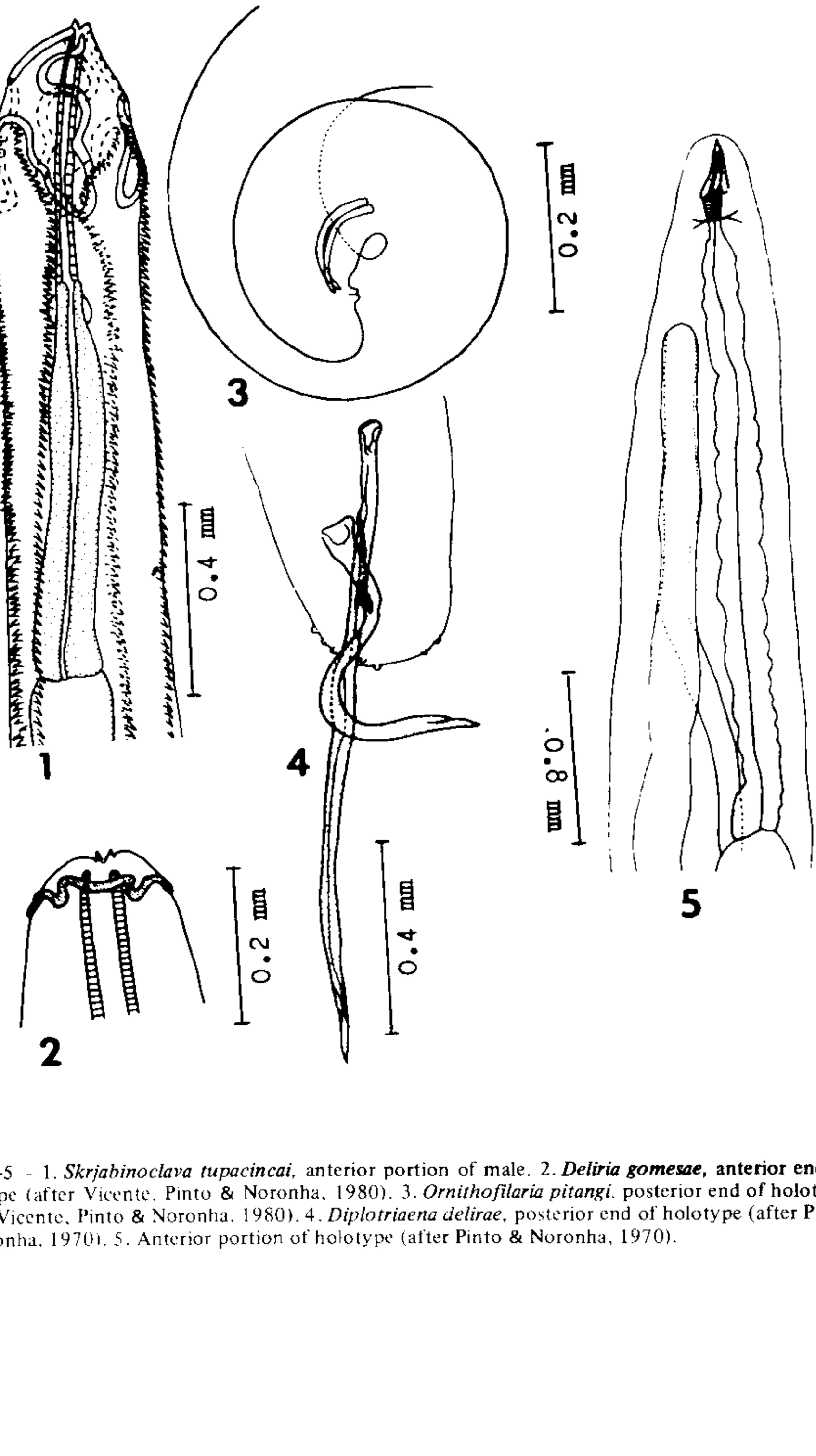
Breves comentários são feitos a respeito de cinco espécies de nematódeos: *Skrjabinoclava tupacincai* Freitas, Vicente & Ibáñez, 1970, *Deliria gomesae* Vicente, Pinto & Noronha, 1980, *Ornithofilaria pitangi* Vicente, Pinto & Noronha, 1980, *Diplotriaena delirae* Pinto and Noronha, 1970, *Thelazia* sp.; três espécies de tramatódeos: *Lutztrema transversum* (Travassos, 1917) Travassos, 1941, *Lophosicyadiplostomum nephrocystis* (Lutz, 1928) Dubois, 1937, *Gynaecotyla jägerskiöldi* (Travassos, 1920) Yamaguti, 1939; uma espécie de cestódeo: *Biuterina campanulata* (Rudolphi, 1819) e uma espécie de acantocéfalo: *Centrorhynchus opimus* Travassos, 1921, que foram estudadas a fim de fornecer alguns dados referentes às amostras examinadas.

REFERENCES

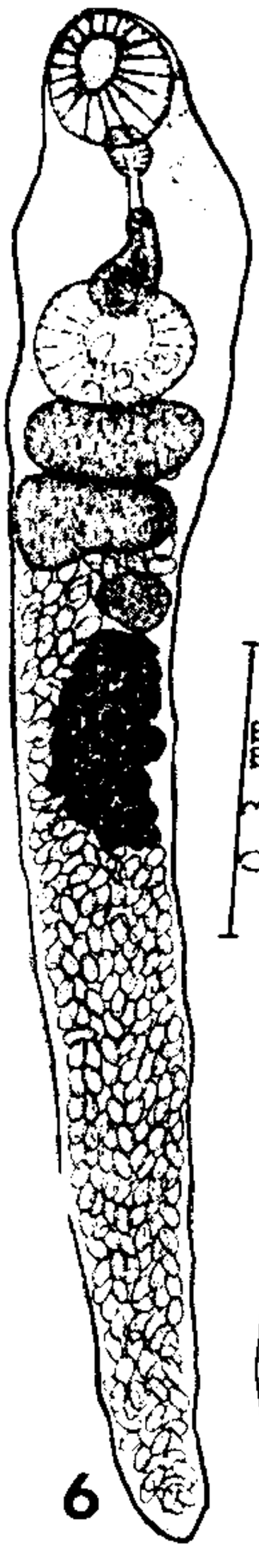
FREITAS, J.F.T.; VICENTE, J.J. & IBÁÑEZ, N.H., 1970. Fauna helmintológica do Peru: Nova espécie do gênero *Skrjabinoclava* Sobolev, 1943. (Nematoda, Spiruroidea) *Atas Soc. Biol. Rio de Janeiro 12* (supp) :1-3.

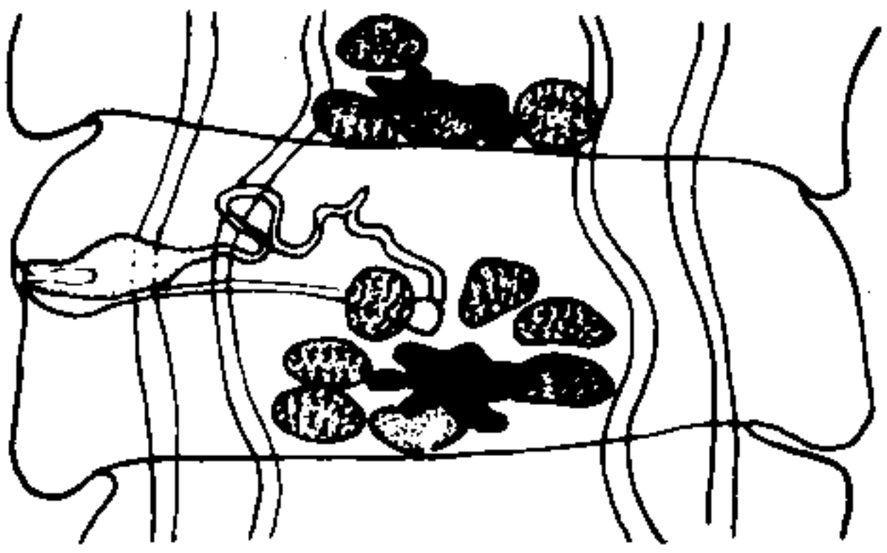
PINTO, R.M. & NORONHA, D., 1970. Sobre uma nova espécie do gênero *Diplotriaena* Railliet & Ozoux, 1909 (Nematoda, Filarioidea) *Diplotriaena delirae* sp.n. *Atas Soc. Biol. Rio de Janeiro 14* :55-57.

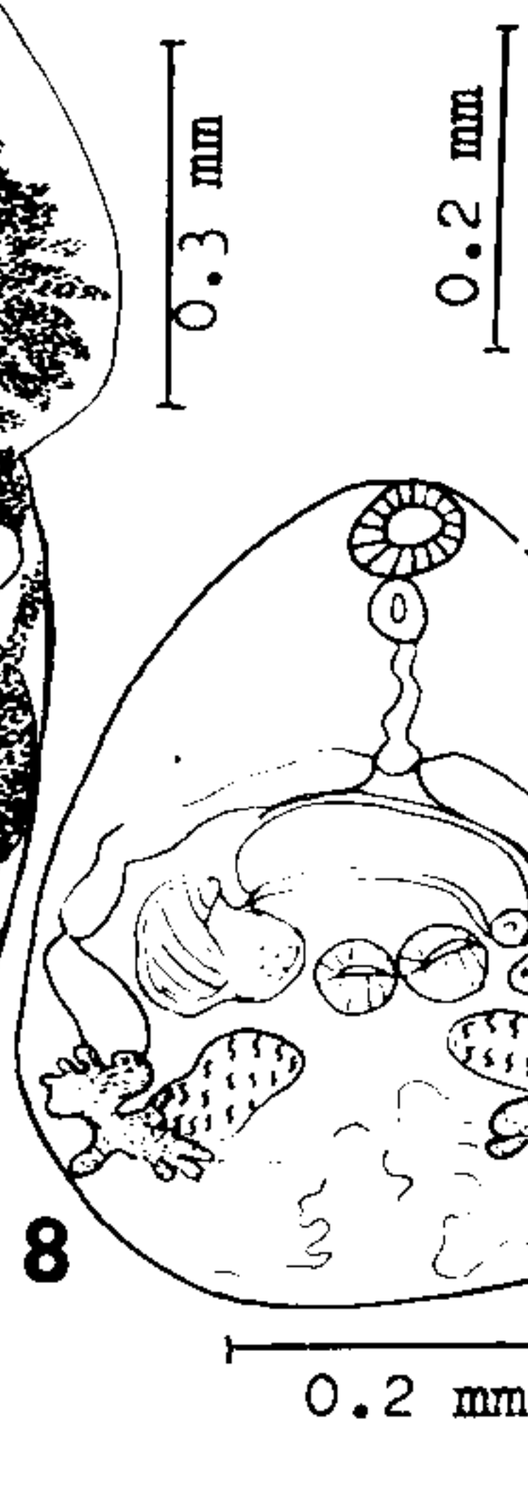
PINTO, R.M. & NORONHA, D., 1972. Contribuição ao conhecimento da fauna helmintológica do Município de Alfenas, Estado de Minas Gerais. *Mem. Inst. Oswaldo Cruz 70* :391-407.



Figs. 1-5 - 1. *Skrjabinoclava tupacincai*, anterior portion of male. 2. ***Deliria gomesae*, anterior end of** holotype (after Vicente, Pinto & Noronha, 1980). 3. *Ornithofilaria pitangi*, posterior end of holotype (after Vicente, Pinto & Noronha, 1980). 4. *Diplotriaena delirae*, posterior end of holotype (after Pinto & Noronha, 1970). 5. Anterior portion of holotype (after Pinto & Noronha, 1970).







6 7 8 9 10

0.3 mm 0.3 mm 0.2 mm 0.2 mm 0.2 mm

Figs. 6-10 – 6. ***Lutztrema transversum***, total (after Travassos, 1941). 7. ***Lophosicyadiplostomum nephrocystis***, total. 8. *Gynaecotyla jägerskiöldi*, total. 9. *Biuterina campanulata*, mature proglottids. 10. *Centrorhynchus opimus*, total.