

NEMATOLOGY LABORATORY

List of nematode type specimens deposited at
California Department of Food and Agriculture

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The nematode slide collection of the California Department of Food and Agriculture (CDFA Permanent Slide Reference Collection) includes 1,675 slides containing approximately 13,000 specimens in 60 genera and over 200 species. The major nematode orders represented in the collection are Tylenchida, Aphelenchida and Dorylaimida (plant-parasitic species mostly). It also includes a few specimens in Rhabditida and Mononchida.

The collection is used mostly as in-house reference material to assist CDFA scientists in the identification of nematodes from samples examined for regulatory purposes. This collection also contains some type material and, in compliance to Recommendation 72G of the International Code of Zoological Nomenclature, a list of the type specimens is given below.

Some of this material may not be available for loan, because the CDFA loan policy requires that no slide (type or non-type) maybe loaned out, if its absence impairs the primary function of this collection as an in-house reference source. However, visiting scientists are welcome to examine all of the specimens in the CDFA Nematology Laboratory.

List of CDFA Type Material

Species	Number of:			
	slides	females	males	juveniles
PARATYPES				
<u>Californidorus pinguicaudatus</u> Robbins & Weiner, 1978	7	5		7
<u>Helicotylenchus belli</u> Sher, 1966	1	11		1
<u>H. caroliniensis</u> Sher, 1966	2	14		
<u>H. cavenessi</u> Sher, 1966	1	7		
<u>H. rotundicauda</u> Sher, 1966	2	11		
<u>H. minzi</u> Sher, 1966	1	8		
<u>Monotrichodorus vangundyi</u> Rodriguez, Sher & Siddiqi, 1978	2	6	9	2
<u>Thecavermiculatus gracililancea</u> Robbins, 1978	14	10		10*
<u>Tylenchocriconema alleni</u> Raski & Siddiqi, 1975	1	2	1	
<u>Xiphinema coxi</u> Tarjan, 1964	1	2		1
<u>X. ensiculiferoides</u> Cohn & Sher, 1972	1	2		2
TOPOTYPES				
<u>Nacobbus dorsalis</u> Thorne & Allen, 1944	2	2	3	1
<u>Rotylenchus buxophilus</u> Golden, 1956	1	3		4
<u>Telotylenchus ventralis</u> Loof, 1963	1	4	2	

* Also vulval-anal regions face views, body walls and eggs.