

**Baskı Hatası-Corrigendum**

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**Corrigendum**

**Corrigendum to “Morphological and Molecular Characterization of *Rotylenchulus borealis* Loof and Oostenbrink, 1962 from Turkey” [Türk Tarım ve Doğa Bilimleri Dergisi 9(2):244-255, 2022]**

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The authors would like to revise Table 2 and 3.

The authors would like to apologize for any inconvenience caused.

**Key words:** *Rotylenchulus borealis*, soybean, Reniform nematodes, D2A, D3B.

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**Table 2.** Morphometrics of *Rotylenchulus borealis* males from a soybean field and comparison with previous study measurements. (All measurements are in  $\mu\text{m}$ ). (Means  $\pm$  standard deviation).

Characteristics	This study n=20	Van Den Berg et al. (2003) n=6	Germani (1978) n=8	Tan and Okten (2008) n=6	Liskova et al. (2002) n=5
	Mean $\pm$ SD (Min.-Max.)	Mean $\pm$ SD (Min.-Max.)	(Min.-Max.)	Mean $\pm$ SD (Min.-Max.)	Mean $\pm$ SD (Min.-Max.)
L	554.2 $\pm$ 30.5 (486.2-599.2)	478 $\pm$ 25.1 (448-513)	480-570	520 $\pm$ 0.016 (470-580)	445 $\pm$ 17.1 (416-459)
a	32.7 $\pm$ 1.2(31.0-35.5)	28.4 $\pm$ 3.1 (25-33)	24-36	34.87 $\pm$ 1.57 (30.37-39.71)	31 $\pm$ 1.5 (28.7-32.1)
b	4.2 $\pm$ 0 (3.7-4.6)	4.3 $\pm$ 0.3 (3.8-4.5)	4.0-5.5	4.14 $\pm$ 0.11 (3.72-4.55)	4.0
c	13.8 $\pm$ 1 (12.4-16-2)	14 $\pm$ 0.7 (12.7-14.6)	11-18	10.56 $\pm$ 0.80 (8.68-13.76)	14 $\pm$ 0.1 (12.8-15.3)
c'	3.6 $\pm$ 0.4 (2.9-4.3)	2.9 $\pm$ 0.4 (2.6-3.5)	-	4.7 $\pm$ 0.33 (3.3-5.7)	3.0 $\pm$ 0.3(2.6-3.5)
Lip region diameter	5.3 $\pm$ 0.3 (4.8-5.8)	7 $\pm$ 0.6 (6-7)	-	-	-
Lip region height	4.0 $\pm$ 0.3 (3.5-4.5)	4 $\pm$ 0.4 (3.7-4.4)	-	-	-
Stylet length	11.7 $\pm$ 0.5 (10.8-12.4)	12 $\pm$ 0.8 (11.5-13)	13-14	-	13 $\pm$ 0.8 (11.5-13.5)
Stylet knob height	1.3 $\pm$ 0.1 (1.1-1.5)	0.7 $\pm$ 0.1 (0.4-0.7)	-	-	-
Stylet knob width	1.5 $\pm$ 0.2 (1.1-1.9)	1.5 $\pm$ 0.2 (1.1-1.8)	-	-	-
Distance from anterior end to base of esophageal glands	130.8 $\pm$ 6.9 (120.5-142.3)	-	-	-	-
Excretory pore from anterior end	94.2 $\pm$ 2.3 (90.9-99.2)	87 $\pm$ 4.6 (81-93)	-	-	82 $\pm$ 3.8 (78-87)
Maximum body diameter	16.9 $\pm$ 0.5 (15.7-17-9)	-	-	-	15 $\pm$ (14-15.5)
Anal body diameter	11.2 $\pm$ 0.6 (9.9-12.2)	-	-	-	11 $\pm$ 1.2 (8.5-11.5)
Spicula length	25.4 $\pm$ 1.3 (23.8-28.4)	-	20-26	23.35 $\pm$ 2.19 (17.64-33.32)	19 $\pm$ 0.7 (18.5-20.0)
Gubernaculum length	9.3 $\pm$ 1.2 (6.8-11.3)	-	8-12	9.47 $\pm$ 0.70 (6.86-10.78)	7 $\pm$ 0.4 (6.5-7.5)
Tail length	40.2 $\pm$ 3.7 (34.6-48.2)	-	-	-	31 $\pm$ 1.2 (30.0-32.5)

L: body length, a=body length/maximum body diameter; b= body length/distance from anterior end to base of osepahal glands; c= body length/tail length; c'= tail length/anal body diameter.

**Table 3.** Morphometrics of *Rotylenchulus borealis* females from a soybean field and comparison with previous study measurements. (All measurements are in  $\mu\text{m}$ ). (Means  $\pm$  standard deviation).

Characteristics	This study n=20	Van Den Berg et al. (2003) n=8	Germani (1978) n=18	Tan and Okten (2008) n=12	Liskova et al. (2002) n=8
	Mean $\pm$ SD (Min.-Max.)	Mean $\pm$ SD (Min.-Max.)	(Min.-Max.)	Mean $\pm$ SD (Min.-Max.)	Mean $\pm$ SD (Min.-Max.)
L	529.8 $\pm$ 23.0 (486.3-558.0)	426 $\pm$ 18.8 (406-457)	360-550	510 $\pm$ 0.007 (470-550)	428 $\pm$ 18.4 (410-457)
a	31.3 $\pm$ 1.6 (28.8-34.2)	25.5 $\pm$ 2.5 (20.5-28.9)	23-31	34.7 $\pm$ 1.3 (27.3-45.1)	29 $\pm$ 2.3 (7-14.5)
b	3.2 $\pm$ 0 (2.8-3.6)	3 $\pm$ 0.2 (2.8-3.3)	2.0-3.3	3.87 $\pm$ 0.18 (2.9-4.81)	4.2 $\pm$ 0.3(3.9-4.6)
c	11.5 $\pm$ 1 (8.6-13.4)	13.2 $\pm$ 1 (11.6-14.5)	12.5-17.3	15.05 $\pm$ 0.8 (12.9-20.6)	13.9 $\pm$ 1.4 (12.7-16.7)
c'	4 $\pm$ 0 (4.3-5)	3.4 $\pm$ 0.4 (2.7-3.7)	3-4	3.6 $\pm$ 0.19 (2.6-4.6)	3.4 $\pm$ 0.3 (2.9-3.8)
V (%)	61.0 $\pm$ 1.2 (57.9-63.0)	64 $\pm$ 1.9 (61-67)	57-67	60.5 $\pm$ 0.8 (55-64)	63 $\pm$ 1.3 (62-65)
DGO	2.4 $\pm$ 0.3 (1.9-2.8)	-	-	-	-
Lip region diameter	3.2 $\pm$ 0.3 (2.58-3.6)	7.5 $\pm$ 0.4 (6.5-8)	-	-	-
Lip region height	3.8 $\pm$ 0.3 (3.4-4.6)	4 $\pm$ 0.15 (3.7-4)	-	-	-
Stylet length	15.1 $\pm$ 0.4 (14.41-15.5)	16 $\pm$ 0.5 (15-16.5)	12-15	18.3 $\pm$ 0.4 (15.6-20.5)	15.5 $\pm$ 0.5 (15-16.5)
Stylet knob height	2.2 $\pm$ 0.2 (1.86-2.5)	1.8 $\pm$ 0.3 (1.5-2)	-	-	-
Stylet knob width	5.5 $\pm$ 0.2 (5.3-5.8)	3 $\pm$ 0.3 (2.5-3)	-	-	-
Distance from anterior end to base of esophageal glands	166 $\pm$ 10.5 (148-186.9)	-	-	-	-
Excretory pore from anterior end	95.4 $\pm$ 5.2 (86.4-105.9)	87 $\pm$ 4.5 (82-95)	-	-	85 $\pm$ 3.7 (80-91)
Maximum body diameter	16.9 $\pm$ 0.7 (15.9-17.9)	-	-	-	14.5 $\pm$ 0.8 (13.5-16)
Anal body diameter	11.6 $\pm$ 0.5 (10.8-12.4)	-	-	-	9.5 $\pm$ 1 (7.5-10.5)
Vulva to posterior end	206.7 $\pm$ 11.6 (185.5-232.5)	-	-	-	-
Vulva to anterior end	323.1 $\pm$ 14.6 (300.8-351.8)	-	-	-	-
Tail length	46.5 $\pm$ 4.8 (40.8-58.9)	32.5 $\pm$ 3.1 (28-37)	-	35.1 $\pm$ 1.6 (24.5-42.1)	31 $\pm$ 3.7 (24.5-36)

L: body length, a=body length/maximum body diameter; b= body length/distance from anterior end to base of esophageal glands; c= body length/tail length; c'= tail length/anal body diameter; V(%) = distance of vulva from anterior end expressed as percentage of body length.