

NAME: Croton punctatus Jacq.

EXTRACTOR: Kupchan

FAMILY: Euphorbiaceae
(A II. 1)

DISTRIBUTION:

Genus: 600 trop. and subtrop.

Species: Sand dunes, Coastal Plain, Fla. to Tex. and N. C. - (W.I., Mex., C.A., S.A.)
(Small)

STATUS:

Date:

QNS

Preliminary Active:

Confirmed Active: 11-20-61

Priority: H

PS, Cum. List 63

ACTIVE SAMPLE:

Source:

Content: 2 lb. rt-st-lf-fr

R-61-442, sand dunes, Surf City, Pender Co., N. C.

Date of Collection: 9-25-60

Number: PR-605

B-652853

OTHER ACCESSIONS:

PR No.:	Content:	Date:	Source:
2260	1 lb. rt	(8)	Fla. P-4416 (WARP)
2261	2 lbs. st-lf-fr	(8)	Fla. P-4416 (WARP)
3926	.5 lb. fr	(10)	N.C. J-6103 (Kup)
4472	1.25 lb rt	(8)	N.C. CS-4307
6559	3 lb. wp(h)	(9)	Fla. P-5334
39924	138# rt-st-lf-fl	9/73	Georgia M-3802 Kupchan

RECOLLECTION:

PR No.:	Content:	Date:	Source:
4471	12.75 lb. st-lf	(8)	N.C. CS-4307
4707	28 lb. rt-st-lf-fr	(10/62)	N.C. CS-4219 (Kup)@@@
4710	14 lb. rt-st-lf-fr	(10/62)	N.C. CS-4232 (Kup)@@@
10080	80 lb. rt-st-lf-fl-fr	(9/65)	N.C. T-3919 (Kup)
22429	8.00 lb. rt-st-lf-fl	10/71	N.C. R-71-7 Kup
39724	138# rt-st-lf-fl	9/73	Georgia M-3802 Kupchan

1 C - Hartwell memo 7-10-62

Conf. (SA) B-652853

Hartwell memo 6-17-63
Fruit was most active, root and st. of root
Kupchan needs more.

B-652853 D003 PR-3926 } active (Kup ltr 3/18/63)
 D007 PR-4471 }
 D006 PR-4472 }
 D008 PR-4707 } Toxic } Kup ltr
 D009 PR-4710 } Toxic } 2/14/64
 D037 PR-6559 } active }

More needed, only small sample active
(OVER) 2/14/64

PR-6559 Actone Kup ch. 3/16/65

7/70 Kupchan - Under fract. in SA, fruit
- most active, then root; st-lf.

Small recol needed - low priority

See [unclear] [unclear]

Per cu. w. list 11-11-76 reviewed by [unclear]; Cancel

Alkaloid; This species: No report

This genus: Alkaloids reported in 9 species.

Insecticide; This species: Jacobson - No

This genus: Jacobson - 11 sp., p. 98-99

Corticosteroids; This species: 35-43

This genus: 3 sp.

Tannin (II-0)

Ltr., 4-6-73, from Baxter (Kupchan's office):
Need 100 k. recol. of PR-22429, rt-st-lf-fr.

7-24-73. Remind REP in early Sept. to call Hawley about
arranging collection.

7-27-73. REP asked Hawley to collect.
This is high priority - need 500#. (X3)