COMPENDIUM - PCB DATA

February 1976

Prepared by:
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Washington, D.C. 20235

DSW 033565

STLCOPCB4017527

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(T) Pesticide Monitoring Journal Vol. 6 #3 December 1972
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STLCOPCB4017528

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(H) Bulletin of Environmental Contaminations and Toxicology
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DSW 033567

STLCOPCB4017529

A - Marine

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
Albacore	20	California, 1974	<.05	<.04-<.07
Anchovy	1 (composite)	California	0.83	—
" , striped	50	Gulf of Mexico	.104	

DSW 033568

STLCOPCB4017530

A - Freshwater

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
// Alewife (oil)	1	North Carolina	15.0	----
(. Alewife	13	L. Michigan	2.4	1.7-3.0
E Alewife (Liver)	40	NW Atlantic	.267	----

DSW 033569

STLCOPCB4017531

B - Marine

	Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
W	Bass, striped	12	New Jersey	2.39	0.64-17.2
N	Bass, striped	26	Oregon, Calif.	.714	.056-2.9
N	Bocaccio	10	California	.16	<.06-.37
E	Bluefish	25	New York	.259	
E	Butterfish (Liver)	40	NW Atlantic	.535	
F	Bass		Detroit Dist.	.32	
	Bluefish		Boston Dist.	.73	
	Bonita, canned		Los Angeles Dist.	.20	
	Bonita, fresh		Los Angeles Dist.	.50	
	Bonita, canned		Baltimore Dist.	0	
	Bonita, canned		New York Dist..	0	
	Bonita, canned		Buffalo Dist.	0	
	Batfish		Gulf of Mexico	.53	
	Barracuda (Muscle)		Caribbean	.009	
	Barracuda (Liver)		Caribbean	.057	

DSW 033570

STLCOPCB4017532

	Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
(I)	Buffalo, bigmouth	2	Miss.R.-Minn.	.22	.04 - 0.4
		1	St. Croix R.-Wisc	0.2	-----
(F)	Buffalo fish	1	Atlanta Dist.	1.23	
(W)	Bullhead	4	Lake Superior	.03	.003 - .05
(I)	"	1	Miss.River-Minn.	0.1	-----
(W)	Bass, smallmouth	11	Miss.R.-Minn.	.65	.03 - 2.1
		6	St. Croix R.-Wisc.	.13	.07 - .2
(W)	Bass, white	13	Miss.R.-Minn.	2.31	.87 - 4.3
		4	St. Croix R.-Wisc.	6.2	5.2 - 8.4

STLCOPCB4017533

C - Marine

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
E Cod (Liver)	20	NW Atlantic	1.11	
F " muscle		San Francisco Dist.	0.4	
" "		Minneapolis Dist.	0	
" "		Denver Dist.	0	
" "		Denver Dist.	0	
" "		Cincinnati Dist.	0	
" "		Boston Dist.	0	
" "		Philadelphia Dist.	0	
" "		New York Dist.	0	
"		Buffalo Dist.	0	
E Cod Pacific (liver)		Bering Sea	.367	
E Croaker, Atlantic	40	Gulf of Mexico	.137	

DSW 033572

STLCOPCB4017534

C - Freshwater

Species	Number of Fish	Area	Total PC3's Concentration (ppm) Mean	Range
(N) Carp	1	Virginia	.06	----
(N) Catfish	1	Hawaii	4.9	----
(G) Chub	1	L. Michigan	4.96	----
(G) Carp	6	L. Michigan	3.9	
Chub (1972)	19	L. Michigan	7.0	3.2-8.5
"	17	"	7.5	
"	2	"	3.2	
" (1973)	6	"	6.3	
"	3	"	2.3	
"	3	"	3.0	
(F) Carp		Atlanta Dist.	1.34	
"		Philadelphia Dist.	1.35	
"		Buffalo Dist.	0	
(W) Carp	11	Lake Superior	.59	.19 - 1.34
(I) Carp	44	Mississippi R.-Minn.	4.39	0.4 - 33.0
	9	St. Croix R.-Wisc.	.74	0.1 - 3.6
	4	Minnesota R.	.48	0.3 - 0.6
(I) Crappie, Black	15	Miss.R.-Minn.	.20	.06 - .36
(I) Catfish, Channel	5	Miss.R.-Minn.	2.52	.5 - 4.4
	2		1.7	1.5 - 1.9

DSW 033573

STLCOPCB4017535

C – Freshwater

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
F Catfish		Kansas Dist.	Trace	
"		Los Angeles Dist.	0	
"		Chicago Dist.	0	
"		Boston Dist.	0	
T Croaker		Gulf of Mexico	.05	

DSM 033574

STLCOPCB4017536

C - Shellfish

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
(N) Clam, soft	6	Maryland	<0.171	----
(T) Crab		Gulf of Mexico	.017	
(M) Crab (1972)		Upper Chesapeake Bay	.020	.0004 - .051
(1974)	composite	" " "	1.2	-----
Clams, softshell (1972)		" " "	.058	.013 - .180
Clams (Rangia cuneata) (1974)	19 composites	" " "	.061	.002 - .15
(V) Clams " " (1974)		6 sites - Virginia	----	.06 - .819
(C) Crab, yellowneck (1972)	48	Santa Monica	.68	.089 - 4.9
		Palos Verdes	.82	.29 - 3.8
		San Pedro Harbor	.49	.32 - .85
		Orange County	.32	.23 - 1.4

DSM 033575

STLCOPCB4017537

D - Marine

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
Dogfish, spiny (Liver)	20	NW Atlantic	2.48	
Dolphin (Mahi Mahi)		San Francisco Dist.	0	
"		" " "	0	

DSW 033576

STLCOPCB4017538

E - Marine

	Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
E	Eulachon (liver) (Smelt)		Oregon - Washington	.131	

DSM 033577

STLCOPCB4017539

F - Marine

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
E Flounder, 4-spot (Liver)	38	NW Atlantic	.28	
E Flounder, yellowtail (Liver)	20	"	.18	
F Flounder		Denver Dist., 1974	0	
"		" "	0	
"		Philadelphia Dist.	0	
"		New York Dist.	0	
"		" " "	0	
"		" " "	0	
"		Buffalo Dist.	0	
F "		Gulf of Mexico, 1971	.032	
"		" " "	.036	
"		" " "	.059	
"		" " "	.034	
F Flying Fish		" " "	.020	
"		" " "	.065	
"		Caribbean, 1971	.026	
E Flounder, Arrowtooth (liver)		N. California	.645	

DSW 033578

STLCOPCB4017540

C - Marine

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
N Goatfish	1	Kayak Pt.	2.24	----
E Goatfish (Liver)	5	NW Atlantic	.197	
"	5	" "	8.9	
"	25	" "	2.04	
F Grouper		Atlanta Dist.	0	

DSW 033579

STLCOPCB4017541

H - Marine

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
N Halibut, Pacific	30	AK. B.C. Wash.	.069	.01-.149
Herring, oil	1	Maine	13.8.	----
Herring, meal	1	Maine	1.48	----
Herring, thread	3	North Carolina	0.537	----
E Hake, red	25	NW Atlantic	0.1	
Hake, silver	25	" "	.127	
Herring, sea (Liver)	40	" "	.133	
Hake, silver "	40	" "	1.01	
Haddock "	10	" "	1.16	
" "	10	" "	.619	
" "	10	" "	.378	
Hake, red "	30	" "	.962	
F Haddock		All U.S. Districts	0	
Hake		Boston Dist.	0	
Halibut		All U.S. Dist.	0	
Herring		Minn. Dist.	.64	
"		Atlanta Dist.	T	
"		New York Dist.	.81	
"		Buffalo Dist.	0	
"		" "	T	
F Hake, Pacific (liver)		Bering Sea	.639	
E Herring, Pacific (liver)		Oregon, Washington	.143	

DSW 033580

STLCOPCB4017542

H - Freshwater

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
Herring, Lake	1	Lake Superior	.097	---

DSW 033581

STLCOPCB4017543

J - Marine

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
Jack		Gulf of Mexico	.043	

DSW 033582

STLCOPCB4017544

I. - Marine

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
N. Lingcod	20	California	.133	<.04-80
E " (liver)		Oregon-Washington	.732	

DSW 033583

STLCOPCB4017545

M - Marine

	Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
N	Mackerel, jack	20	California	.497	<.05-1.4
N	Marlin, blue	Composite of 10	Hawaii	<.05	----
N	Mouthbrooder	1	Hawaii	0.260	----
E	Mackerel (Liver)	30	NW Atlantic	.327	
N	Menhaden (1972)	3	Gulf of Mexico	.49	.30-.82
	" (1973)	8	" " "	.34	.24-.57
	" (1974)	9	" " "	.32	.18-.50
	" (1971)	4	So. Atlantic	.46	.14-.95
	"	13	" "	.608	.46-.76
	" (1971)	2	Chesapeake Bay	.31	.26-.36
	" (1974)	3	" "	.27	.17-.47
	" (1971)	1	Mid-Atlantic	3.2	
	" (1972)	3	"	3.6	1.6-5.7
	" (1973)	5	"	1.6	.74-2.4
	" (1974)	4	"	1.05	.62-1.5
F	Mackerel		New Orleans Dist.	.43	
	" , Spanish		Los Angeles Dist.	.50	
	"		Cincinnati Dist.	.60	
	"		Buffalo "	1.16	
	" , canned		" "	0	
	"		New York "	.54	DSW 033584
	" , canned		" " "	0	
	"		Philadelphia "	0	

STLCOPCB4017546

M - Marine (Continued)

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
Mackerel, king (Muscle)		Gulf of Mexico	.034	
" " (Liver)		" " "	.083	
" " (Gut)		" " "	.090	
" " (Gonad)		" " "	.056	

DSW 033585

STLCOPCB4017547

M - Freshwater

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
(H) Milkfish	11	Hawaii	0	

STLCOPCB4017548

M - Shellfish

	Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
(N)	Mussels	Composite of 10	Washington	.092	----
(C)	Mussels	53	So. Calif.	.43	.07 - 1.2

DSW 033587

STLCOPCB4017549

O - Shellfish

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
(V) Oysters - Spring 74	composite	20 sites-Virginia	-----	0 - .07
Fall 74	"	21 sites-Virginia	-----	.025 - .433
(W) Oysters (1972)	-----	Upper Chesapeake Bay	.055	.016 - .250
(1974	5 composites	" " "	.024	0 - .054

DSW 033588

STLCOPCB4017550

P -Marine

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
N Plankton	1	Kayak Pt. -	0.20	——
E Plaice, American (Liver),	20	NW Atlantic	.199	
Pout, ocean (Liver)	50	" "	.308	
" " "	3	" "	1.23	
Pollock (Liver)	12	" "	1.98	
" "	6	" "	2.61	
" "	10	" "	2.41	
F Perch, ocean		Kansas Dist.	T	
"		Atlanta Dist.	0	
"		Chicago Dist.	0	
"		Cincinnati Dist.	0	
"		Detroit Dist.	T	
"		" "	T	
"		Boston Dist.	.23	
"		Philadelphia Dist.	.24	
"		Buffalo Dist.	0	
"		" "	0	
Pollock		Chicago Dist.	0	
"		Boston Dist.	0	
"		" "	0	
T Parrot fish (Liver)		Gulf of Mexico	.284	
E Perch, Ocean Pacific (liver)		No. California	.375	
S Porgy, Longspine	50	Gulf of Mexico	.151	
C Pinfish	42	" " "	.102	

DSW 033589

STLCOPCB4017551

P - Freshwater

Species	Number of Fish	Area	Total PC3's Concentration (ppm) Mean	Range
(G) Perch, yellow (1972)	1	L. Michigan	0.4	.4-.6
" " (1973)	6	" "	0.4	
" , white		Chicago Dist.	1.59	
(F) Pike		Cincinnati Dist.	.12	
(W) Pike, Northern	7	Lake Superior	.16	.02 - .65
(I) " "	1	Miss. R.-Minn.	.04	-----
(W) Perch	10	Lake Superior	.20	.02 - .45

DSM 033590

STLCOPCB4017552

R - Marine

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
Redfish (Liver)	24	NW Atlantic-	.338	
Rockfish, yellow Tail (liver)		Oregon, Washington	.395	

DSW 033591

STLCOPCB4017553

R - Freshwater

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
Rednose, shorthead	2	Mississippi R.-Minn.	2.75	0.8 - 4.5

DSW 033592

STLCOPCB4017554

S - Marine

	Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
N	Sablefish	17	AK., Washington	0.229	----
	"	10	Washington	<0.10	----
	"	6	California	<0.117	----
	Shark, silky (Liver)	1	Off Sav. R.	10.9	----
	Squid	1	California	<0.1	----
E	Spot	25	New York	.207	
	"	25	North Carolina	.149	
	Scup (Liver)	40	NW Atlantic	.351	
	Sea Robin (Liver)	25	" "	.389	
	Sculpin, longhorn (Liver)	16	" "	.214	
	" " "	38	" "	.053	
	Skate, little (Liver)	3	" "	1.43	
	" " "	8	" "	.97	
	" " "	10	" "	1.43	
F	Snapper, red		Kansas Dist.	0	
	" "		Detroit Dist.	.10	
	" "		" "	0	
	" "		Boston Dist.	0	
	" "		New York	0	
	" "		" "	0	
	Scup		Boston Dist.	.69	
	"		Buffalo Dist.	.69	

DSW 033593

STLCOPCB4017555

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
F Snapper –		Baltimore Dist.	0	
"		Buffalo Dist.	0	
Flounder Sole, fillets, fresh	not reported	Cincinnati Dist. 1974	0	
F Sole, brown muscle	165	So. Calif. 1974-5	21 *	.03-2.8
Sea Pansey		Gulf of Mexico	.85	
Shark (Liver)		" " "	1.3	
" White tip (Muscel)		" " "	.032	
" " " (Liver)		" " "	.536	
" " " (Gut)		" " "	.058	
" " " (Gonad)		" " "	.074	
Shark (Muscle)		Caribbean	.008	
" (Liver)		"	.310	
Snapper, red (Liver)		Gulf of Mexico	.018	
" " (Gonad)		" " "	.016	
Snapper, yellowtail (Liver)		" " "	.043	
" " (Gonad)		" " "	.022	
" " (Gut)		" " "	.009	
E Sable fish (liver)		Unimak, Alaska	.196	
N " "		Oregon, Washington	.318	
N " "		Central California	.472	
N " "		" "	.241	
E Sole, yellowfin (liver)		Bering Sea	.140	
E Sole, petrale (liver)		Oregon, Washington	.403	

DSW 033594

* Five areas < .7 mclin. Pafos Verdes 1.3 ppm

STLCOPCB4017556

S - Marine (Continued)

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
(E) Sole, petrale (liver)		Central California	.343	
Sole, English (liver)		Oregon, Washington	.160	
" " "		Central California	.383	
Sole, Dover (liver)		Oregon - Washington	.139	
" " "		Central California	.282	
Seatrout, sand	60	Gulf of Mexico	.562	
Spot	38	" " "	.122	
"	50	" " "	.355	
(C) Sole, Dover (1972)	110	Pt. Hueneme-Cal.	0.1	
		Santa Monica	1.5	.4 - 2.8
		Palos Verdes	1.9	1.1 - 6.3
		Orange County	.7	0.1 - 1.2
		Dana Pt.	.06	.03 - .09
		Santa Catalina Is.	.04	.03 - .04
" " (1975)	165	Pt. Hueneme	.06	.05 - .07
		Santa Monica	2.0	1.0 - 2.3
		Palos Verdes	1.3	.06 - 2.5
		Orange County	0.6	.3 - 2.8
		Dana Pt.	0.7	.03 - .14
		San Diego	0.2	.09 - .6
		Santa Catalina	.05	.03 - .07

DSW 033595

STLCOPCB4017557

S - Freshwater (Continued)

	Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
(F)	Salmon, canned		Denver Dist.	.5	
	" "		" "	0	
	" "		" "	0	
	" "		" "	0	
	" "		Atlanta Dist.	0	
	"		Boston Dist.	T	
	"		Philadelphia	0	
	" "		"	T	
	" "		New York	0	
	" "		Buffalo	0	
	" "		"	0	
	Smelt		Cincinnati Dist.	.27	
(W)	Smelt, muscle	6	Lake Superior	.221	.15 - .27
	Sucker, white	1	" "	.024	------
	" "	1	Mississippi R.-Minn.	0.9	------
(I)	Sheepshead	4	" " "	1.3	.5 - 2.5
		2	St. Croix R.-Wisc.	1.3	.2 - 2.4
	Sauger	1	" " " "	0.4	------
		4	Minnesota R.	.65	.3 - .9

DSW 033596

STLCOPCB4017558

S - Freshwater

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
N Salmon, chinook	4	Col. River	.172	.079-.29
" , chum	2	Puget Sound	<.04	<.02-<.06
" , coho	7	Col. River	.091	<.06-.17
G " "	1	L. Michigan	9.94	----
N " , pink	2	Puget Sound	<.05	<.03-<.07
" , sockeye	2	" "	<.04	<.02-<.06
G Smelt	3	L. Michigan	1.6	
Steelhead	2	" "	6.0	
Sucker	17	" "	1.0	.7-1.5
" (1972)	11	" "	.7	
"	6	" "	1.7	
" (1973)	3	" "	.7	
"	3	" "	.7	
Salmon, coho	1	" "	11.7	
" "	2	" "	4.9	
" , chinook	10	" "	12.4	
" "	2	" "	6.4	
F " fillets, slices, frozen 80z/pkg		New Orleans Dist.	.49	
" "		San Francisco Dist.	.10	
" "		" " "	.10	
" "		" " "	.20	
" , canned		Los Angeles Dist.	0	

DSW 033597

STLCOPCB4017559

S - Shellfish

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
F Shrimp (all 1974)		Dallas Dist. all 1974	0	
"		" "	0	
"		Denver Dist.	0	
"		" "	0	
"		Los Angeles Dist.	0	
"		" " "	0	
"		San Francisco Dist.	0	
" , canned		Denver Dist.	0	
"		Atlanta Dist.	0	
"		Detroit Dist.	0	
"		Baltimore Dist.	0	
"		Boston Dist.	0	
"		Philadelphia Dist.	0	
" , canned		" "	0	
" "		New York Dist.	0	
" "		" " "	0	
" "		" " "	0	
" "		Buffalo Dist.	0	
"		" "	0	
T "		Gulf of Mexico 1971	0	DSW 033598
"		" " "	0	
"		" " "	0	

STLCOPCB4017560

S - Shellfish (Continued)

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
Shrimp		Gulf of Mexico, 1971	.167	
" , rock		" " "	0	
" "		" " "	.006	
Squid		" " "	0	
"		" " "	.04	

DSW 033599

STLCOPCB4017561

T - Marine

	Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
N	Tuna, yellowfin	1	Hawaii, 1972	1.02	----
	Tucunare	1	" , 1971	0.66	----
	Tuna, bigeye	1	" , 1972	<0.08	----
F	Totoava		Los Angeles Dist.	0	
	Tuna, canned	1 (composite, salt, veg broth)	Denver Dist.	0	
	Turbot		Atlanta Dist.	0	
	"		Detroit Dist.	0	
T	Tunicate, colonial		Gulf of Mexico	.139	
T	Tuna (Muscle)		" " " , 1971	→ .058	
	" (Liver)		" " "	.059	
	" (Conad)		" " " , 19	.076	
	" (Muscle)		Caribbean , 1971	→ .036	
	(Liver)		"	.153	
	" (Conad)		"	.035	
T	Trigger fish (Liver)		Gulf of Mexico	0	
	" " (Muscle)		" " "	<1	
	" "		Caribbean	<1	
	" "		"	<1	
F	Tuna, (canned?)	38	, 1973	0	0-0.49
	" "	1	, 1974	0	

DSW 033600

STLCOPCB4017562

T – Freshwater

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
Trout (1972)	20	L. Michigan	7.4	3.2-11.1
"	3	" "	2.6	
"	4	" "	6.2	
"	13	" "	8.1	
" (1973)	1	" "	2.2	
"	2	" "	3.6	
"	3	" "	2.6	
"	3	" "	2.4	
"	3	" "	10.6	
"	2	" "	2.6	
"	1	" "	1.8	
"	3	" "	8.5	
"	3	" "	6.8	
"	1	" "	6.4	
"	5	" "	6.3	
"	3	" "	11.2	
"	3	" "	3.4	
"	1	" "	11.6	

DSW 033601

STLCOPCB4017563

T - Freshwater (cont'd)

Species	Number of Fish	Area	Total PCB's Concentration (ppm) Mean	Range
(W) Trout, rainbow	3	Lake Superior	.08	.04 - .11
Trout, brown	3	" "	.19	.13 - .235
(H) Ten Pounder	30	Hawaii	0	-----

DSW 033602

STLCOPCB4017564