725

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OCCUPATIONS ASSOCIATED WITH ASBESTOSIS (1900-1964)

A Literature Review

by

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Asbestosis and Occupation (1900 - 1964)

Year	Asbestos Mine and/or Mill Workers	Asbestos Products Factory Workers	Insulators, Pipe Coverers, Laggers, Cement and Plaster Workers	Other Occupations	Occupation Not Specified
1900		Murray [O]			
1906		Aurlbault [O]			
1917		Pancoast [G,q]			
1918		Hoffman [T,q]			Miller [O,Q]
1923		Pancoast [R,q]			
924		Cooke [O]			
925	Oliver [R,q][1]	Oliver [R,q][2] Pancoast [R,q]			
)26		Lancet [R]			

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Asbestosis and Occupation (1900 - 1964)

Key to symbols used in the classification of literature

Code	Meaning
O	Original article (epidemiological studies, case reports, X-ray surveys, experimental research, environmental studies, etc.)
R	Review or summary
E	Editorial
C	Communication (letters, etc.)
T	Textbook or monograph
Q	Quantitative dust levels described
q	Qualitative dust levels described
a	Animal study
*	Author places at risk employees of all asbestos consuming industries
Superscript	Article associates more than one occupation group with asbestosis; article is classified within each associated occupation group

Example: Author's Last Name [O,a,Q]: indicates an original article, on an animal study where the author describes quantitative dust levels.

CRMC-Motley1000-Subj-003092

Asbestosis and Occupation (1900 - 1964)

Year	Asbestos Mine and/or Mill Workers	Asbestos Products Factory Workers	Insulators, Pipe Coverers, Laggers, Cement and Plaster Workers	Other Occupations	Occupation Not Specified
1927		Cooke [O,q] Cooke [O,q] McDonald [R] Oliver [O,q] Oliver [O,q] Brit Med J [R]			JAMA [C]
1928	Simson [O,q]	Seiler [O,q] Stewart [C] Stewart [O]			Cooke [C]
1929		Bridge [R,q] Cooke [O] Gloyne [O] Haddow [O] Stewart [O] Wood [O] Wood [O,q] Brit Med J [E,q] Brit Med J [R,q] Brit Med J [R]			
1930	Lynch [O][1] Mills [O] Pedley [R,q][1] JAMA [E]	Cooke [R,q] Ellman [O,q] Lynch [O][2] Merewether [O,Q] Merewether [O,Q]			Gloyne [O,a] Stewart [O,a]

CRMC-Motley1000-Subj-003093

Asbestosis and Occupation (1900 - 1964)

Year	Asbestos Mine and/or Mill Workers	Asbestos Products Factory Workers	Insulators, Pipe Coverers, Laggers, Cement and Plaster Workers	Other Occupations	Occupation Not Specific
1930		Pedley [R,q][2] Soper [O] Wood [R] Wood [O] Mon Lab Rev [R]			
1931	Pancoast [R,q][1] Simson [O,q][1] Stewart [O,q][1]	Cooke [O] Gloyne [R] Gloyne [O] Kruger [O] Lynch [O] Pancoast [R,q][2] Seiler [O,q] Sparks [O,q] Stewart [O,q][2] Wood [O] Brit Med J [R]		Simson [O,q][2] Tylecote [O]	Gardner [O,a Gloyne [O] Schuster [O,a
1932	Gordon [O]	Gloyne [R] Sutherland [R] Mon Lab Rev [R] Lancet [R]			Cooke [R] Kettle [R] Kettle [O,a]
1933	Gloyne [R,q][1] Merewether [R,q][1]	Donnelly [O,q] Ellman [O,q] Gloyne [R,q][2] Merewether [R,q][2] Stewart [O,q]			Dreesman [R] Gloyne [O] Pancoast [R]

CRMC-Motley1000-Subj-003094

Asbestosis and Occupation (1900 - 1964)

Year	Asbestos Mine and/or Mill Workers	Asbestos Products Factory Workers	Insulators, Pipe Coverers, Laggers, Cement and Plaster Workers	Other Occupations	Occupation Not Specified
1934		Bromley [R] Wood [O,q][1]		Wood [O,q][2]	Sayers [R]
1935	White [O,q]	Egbert [O] Fulton [O,Q] Gardner [R] Gloyne [O] Lanza [O,Q] Lynch [O,q] Page [O][1]		Page [O][2]	Hurlbut [O,Q]
1936	Donnelly [O,q] Lanza [R,q][1]	Cooke [R] Egbert [O,q] Gloyne [O] Lanza [R,q][2] McPheeters [O,q] Middleton [R,Q] Shull [O]			Drinker [R]
937	Lynch [O,q][1]	Auerbach [R] Hawes [R] Hayhurst [R] Lynch [O,q][2]			McCord [R] Page [O,Q]
938		Draessen [O,Q] Hornig [O] Merewether [R][1] Nordmann [O]	Merewether [R][2]		Gardner [R] Koelsch [R] Sayers [R] Telcky [R]

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Asbestosis and Occupation (1900 - 1964)

Year	Asbestos Mine and/or Mill Workers	Asbestos Products Factory Workers	Insulators, Pipe Coverers, Laggers, Cement and Plaster Workers	Other Occupations	Occupation Not Specified
1930		Rhamy [R] Sayers [R] Sparks [0,q]			Vorwald [0,a,q]
1939	Lynch [0][1]	Arnold [0,q] Baader [R,q] George [0] Lanza [R] Lynch [0][2] Saupe [0,q] Sayers [0,Q]			
940		Gardner [R,q] Gardner [R] Lanza [R,q] Moll [R] Stone [0]			
941		Desmeules [0] Hanneeson [0,q] Linzbach [0,q] Nordmann [0,a,q]			
942		Davies [R] Vogelin [R] Welz [0]	Holleb [0]		Gardner [0,a] Sayers [R]

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Asbestosis and Occupation (1900 - 1964)

Year	Asbestos Mine and/or Mill Workers	Asbestos Products Factory Workers	Insulators, Pipe Coverers, Laggers, Cement and Plaster Workers	Other Occupations	Occupation Not Specified
1943		Boemke [O] Homburger [O] Wedler [O,q] Wedler [R]			
1944	Hamlin [O,Q][1]	Hamlin [O,Q][2]			Gardner [R]
1946		Skavlem [O]	Fleischer [O,Q]		King [O,a,Q] Wright [R]
1947	Wegelius [O][1]	Kennaway [O] Merewether [R,q] Perry [R] Wegelius [O][2]	Hindley-Smith [R,q]		
1948	Hamlin [R]	Cureton [O] Johnstone [T,q][1] Lynch [O,q]	Johnstone [T,q][2]		Johnstone [R] Riddell [R] Saita [R]
949		Merewether [O,q] *Smith [R] Weyers [O,Q] *JAMA [E]			Hamlin [R]

CRMC-Motley1000-Subj-003097

Asbestosis and Occupation (1900 - 1964)

Year	Asbestos Mine and/or Mill Workers	Asbestos Products Factory Workers	Insulators, Pipe Coverers, Laggers, Cement and Plaster Workers	Other Occupations	Occupation Not Specified
1950	Livingstone [O,q] Silson [R] Smith [R][1]	Smith [R][2]	JAMA [C]		Merewether [R] Greenburg [R]
1951		Behrens [O,a] Gloyne [O,q] Hueper [R] Owen [O]	Stoll [O]		Smith [O,a] Tabershaw [R] Vorwald [O,a,Q]
1952		Behrens [R,Q] Hueper [R] Smith [O] Smith [R,q] Werber [O]			
1953	Isselbacher [O,q]	Boemke [O,q] Lynch [R] Smith [R,q]	Weiss [O]		McLaughlin [R]
1954		Knox [O,q] Knox [O] Leicher [O,q]			Mancuso [R]
1955	Cartier [O]	Bonser [O,q] Doll [O,q]	Gardiner [R,Q][2]	Hueper [E,Q][2] Gander [R]	Bristol [R] Knox [C]

CRMC-Motley1000-Subj-003098

Asbestosis and Occupation (1900 - 1964)

Year	Asbestos Mine and/or Mill Workers	Asbestos Products Factory Workers	Insulators, Pipe Coverers, Laggers Cement and Plaster Workers	Other Occupations	Occupation Not Specified
1955	Smith [O][1]	Gardiner [R,Q][1] Hueper [R] Hueper [E,Q][1] Hunter [T] Jacob [O] Lynch [R,q] Lynch [O] McLaughlin [O] Merewether [O] Portigliatti-Barbos [O] Rombola [O] Sander [R,q] Smith [O][2] Lancet [E,q] Brit Med J [E,q]			Lanza [R] Wright [R]
1956	McGee [T][1] Merewether [T,Q][1]	Bohlig [R] Francis [O] McGee [T][2] Merewether [T,Q][2] Todd [O] Weller [T] Weise [O]	Merewether [T,Q][3]		
1957	Jones-Williams [R][1] Thomas [O][1]	Fairhall [T,Q] Jones-Williams [R][2] O'Donnell [O,q] Thomas [O][2] Lancet [E]	Thomas [O][3]		Lynch [O,a,Q]

CRMC-Motley1000-Subj-003099

Asbestosis and Occupation (1900 - 1964)

Year	Asbestos Mine and/or Mill Workers	Asbestos Products Factory Workers	Insulators, Pipe Coverers, Laggers, Cement and Plaster Workers	Other Occupations	Occupation Not Specified
1958	Braun [0]	Bohlig [0] Chauvet [0,q] Goldblatt [R] Patty [T,Q] Rickards [0]	Pendergrass [R,q] Van der Schoot [0,q]		Schmalz [0,a]
1959		Bamblin [R,Q] Bohlig [0] Bohme [0] Bohme [0] DuBois [T,Q][2] Eckardt [T]	DuBois [T,Q][2]	DuBois [T,Q][3]	Nordvik [R,Q]
1960	Wagner [0][1] U.S.A.F.M.J. [0][1]	Fleming [T][1] Keal [0][1] Konig [0,q] Leathart [0] Schilling [T,q] Wagner [0][2] Williams [0] U.S.A.F.M.J [0][2] Brit Med J [0,q]	Anderson [0] Fleming [T][2] Keal [0][2] Wagner [0][3]	Wagner [0][4] U.S.A.F.M.J. [0][3]	Williams [0]
961	Hurwitz [0][1] Krzymien [0][1] Sleggs [0][1] Szymczykiewicz [R,q][1]	Bader [0,q] Heard [0][1] Knox [C] Krzymien [0][2] McGrath [0] Mitchell [R,Q] Slegge [0][2] Szymczykiewicz [R,q][2] Tellesson [0,Q] Thomson [0]	Frenkel [0,q] Heard [0][2] Telischi [0,Q]	Brugsch [0,Q] Castleman [0,q]	

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Asbestosis and Occupation (1900 - 1964)

ear	Asbestos Mine and/or Mill Workers	Asbestos Products Factory Workers	Insulators Pipe Coverers, Laggers, Cement and Plaster Workers	Other Occupations	Occupation Not Specified
962	Hunter [T][1] McNulty [O] Thomson [O][1]	Champeix [O,q] Cordova [O][1] DeLaguillaumie [O,q] Fingerland [O] Hunter [T][2] Thomson [O][2]	Cordova [O][2] Eisenstadt [O,Q]	Cordova [O][3] Thomson [O][3] Wagner [O,a]	Caird [O] Danrigal [O]
963	Smith [T,q][1] Van Die Redaksie[E,q][1]	Davis [O,a,q] Lawson [O] Mancuso [O] Smith [T,q][2] *Thomson [O,q] Van Die Redaksie[E,q][2]	Farina [O] Leathart [R,Q] Van Die Redaksie [E,q][3]	Castleman [O] Van Die Redaksie[E,q][4]	Gross [C] Schepers [R] Thomson [C] Wagner [O,a] Webster [O,a]
964	Dis Chest [R,Q][1]	Buchanan [O] Elwood [O] Enticknap [O] Fowler [O][1] Navratil [O,Q] Noeninckx [O] Owen [O][1] Brit Med J [E][1] Dis Chest [R,Q][2]	Bjure [O,q] Castleman [O] Castleman [O] Dyson [O] Fowler [O][2] Harr [O,Q] Owen [O][2] Selikoff [O,q] Brit Med J [E][2]	Owen [O][3]	Engelbrecht[O, Gafafer [T] Holt [O,a] Hourihane [O,q Smith [O,a,Q]

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APPENDIX B

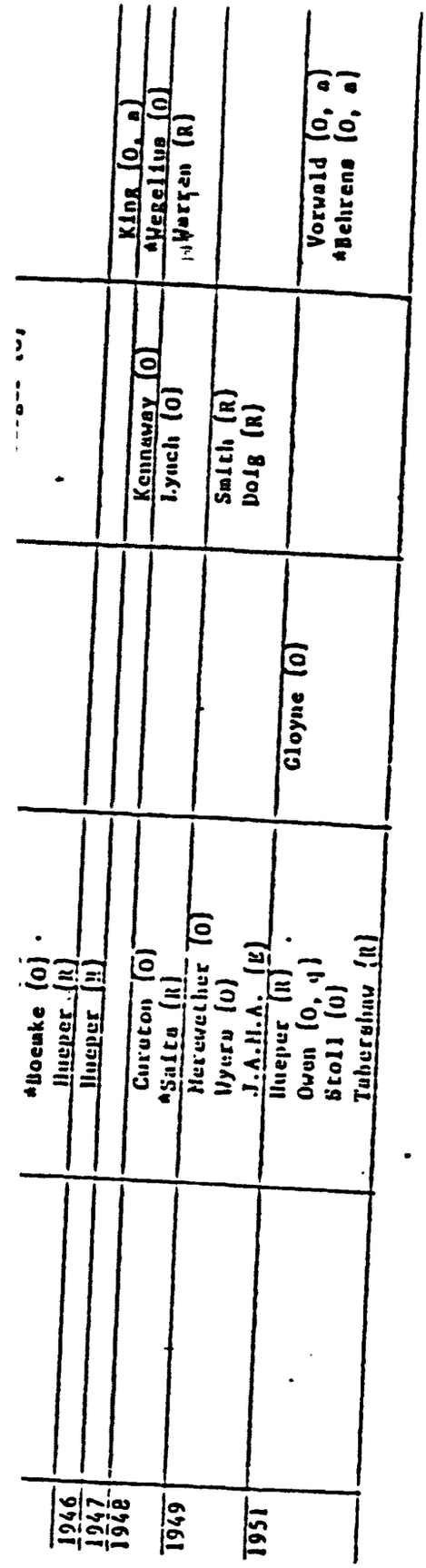
bestos Exposure and Cancer

of Authors Publishing 1933 to 1965

the classification of authors by opinion and year

	Meaning
	Original article (observations, studies, experiments.)
	Review Article
	Editorial
	Communication (letters, etc.)
	Textbook or Monograph
	Foreign language article (not English)
	Animal data
	Quote from other source - no opinion expressed
	Association depends on type of fiber
	Author whose opinion is classified e.g. Article author (Discussant author) or Textbook Editor (Chapter author)
	Sarcoma only

ce {0, a, f}: indicates an original article on an
e the author expresses the opinion that the associ-
it on the type of fiber.



Nancy Sussman and Gary M. Marsh, Occupations Associated with Asbestosis (1900-1964): A Literature Review (...
ACL Doc 13110 · Page 14 of 18
Published by AsbestosClaims.Law
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Opinions of Authors Publishing 1933 - 1965 Regarding the Causal Relationship Between Asbestos and Lung Cancer

Year	Definitely Causes Lung Cancer: Without Asbestosis	Definitely Causes Lung Cancer: Only After Asbestosis	Possibly Causes Lung Cancer: Without Asbestosis	Possibly Causes Lung Cancer: Only After Asbestosis	Unproven or Does not Cause Lung Cancer
1952		Smith (R) Hueper (R) *Werber (O)		*Behrens (R)	Smith (R, a) Smith (Cartier) (R)
1953	IUAC (E)	Isselbacher (O) *Weiss (O) Smith (R) *Doemke (O)		Lynch (O)	
1955	Doll (O) Brit. M. J. (E) Lancet (E)	Hunter (T) Knox (C) *Rambola (O, f) *Porligiotti (O) Hueper (E) Bonser (O) Herewether (O) Hueper (R)	Breslow (O)	Lynch (O) Smith (R, f) *Jacob (O)	Cartier (O)
1956		Weller (T) *Bohlig (R)	Todd (O)	Herewether (T) (Goldblatt) Hueper (R) *Francis (O, f) McCoo (T)	Rosenblatt (T) Mayer (Hammond) (T) *Bohlig (R)
1957		Jones-William (O) Fairhall (T, g) Lancet (E)		O'Donnell (O) Lynch (O, a)	
1958	*Schmahl (O, a, f)	Goldblatt (R) *Bohlig (O) *Chauvet (O)		Patty (Sander) (T)	Braun (O) *Bohlig (O)
1959	*Bohlig (O)	Bulbulia (T) Honberger (Hueper) (T) *Bohme (O) *Bohme (O)		Eckardt (T) *Nordvik (R, f)	

CRMC-Motley1000-Subj-003104

Opinions of Authors Publishing 1933 - 1965 Regarding the Causal Relationship Between Asbestosis and Lung Cancer

Year	Definitely Causes Lung Cancer		Possibly Causes Lung Cancer		Unproven or Does not Cause Lung Cancer
	Without Asbestosis	Only After Asbestosis	Without Asbestosis	Only After Asbestosis	
1960	Fleming (Schepers) (T) Schilling (Gilson) (T, f) *Konig (O)		Dunn (O)	Keal (O) Anderson (O)	Johnstone (T)
1961		Heard (O) Telischi (O) *Szymczykiewicz (R) *Frankel (O) Trimble (C) *Krzymien (R)			Johnstone (C)
1962			*DeLaguillaumie (O) *DeLaguillaumie (O) Hunter (T)	Cordova (O) *Fingerland (O)	*Danrigal (O)
1963	Hancuso (O)	Leathart (O) Castleman (O) Walters (O)		*Farina (O)	Lanza (Smith) (T)
1964	Doll (O) Elwood (O) Oettle (O) Selikoff (O)	*Noeninckx (O) Buchanan (O, f)		*Navratil.. (O) *Kogan (O) Cafafer (T)	Dis. of Chest (R, f)
1965	N. Eng. J. M. (E) IUAC (E)	Dutra (O) Elmes (O) Hinson (R) Jones-Williams (O) Can M.A.J. (E) *Anspach (O)	Cauna (O)		Baum (Andrews) (T,

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APPENDIX C

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Opinions of Authors Publishing 1933 - 1965 Regarding the Causal Relationship Between Asbestos Exposure and Mesothelioma

Year	Definitely Causes Mesothelioma	Possibly Causes Mesothelioma	Unproven or Does Not Cause Mesothelioma
1933			Gloyne (O)
1934			Wood (O)
1943	*Wedler (R) *Wedler (O)		
1949		Doig (R)	
1951			*Behrens (O, a)
1952		Smith (R)	Smith, (Cartier) (R)
1953	*Weiss (O)		
1954	*Leicher (O)		
1955		Bonser (O)	
1956		*Bohlig (R)	
1958		*Van der Schoot (O)	
1960	Schilling (Gilson) (T, f) *Konig (O)	Keal (O) Wagner (O) Fleming(Schepers)(T, f)	
1961	Sleggs (O) *Frenkel (O)	Beard (O)	Knox (C)
1962	McNutty (O, f) Thomson (O) Wagner (O, a) McCaughey (C) Entickap (C)	Smither (C) Hunter (T)	
1963	Lenthart (Smither) (R, f) Mancuso (O) Walters (R) Thomson (C) Lawson (C) Lawson (C)	Castleman (O) Thomson (O)	
1964	Buchanan (O, f) Entickap (O) Hourihane (O) *Noeninckx (O) Oettle (O) Owen (O) Smith (O, a)	Gafafer (T) Murray (R, f) Elwood (O, f) Fowler (O) Selikoff (O) Brit. med. J. (E, f)	Dis. of Chest (R, f)
1965	Dutra (O, q) Elmes (O) Hinson (R) Selikoff (O) Smith (O, a, f) Steel (O) *Anspach (O) N. Eng. J.M. (E) Can M.A.J. (E, f) IUAC (E)		

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