

6a New form-family schedules

LICHTENBURG - Li

Orthic A
Red apedal B1
Hard plinthic B2

SOIL FAMILIES

1000	Dystrophic B1 horizon	
	Non-luvic B1 horizon	1100
	Luvic B1 horizon	1200
2000	Mesotrophic B1 horizon	
	Non-luvic B1 horizon	2100
	Luvic B1 horizon	2200
3000	Eutrophic B1 horizon	
	Non-luvic B1 horizon	3100
	Luvic B1 horizon	3200

SENDELINGSDRIF – Sg

Orthic A
Neocarbonate B
Gypsic horizon

SOIL FAMILIES

1000	A horizon not bleached	
1100	Non-red B horizon	
	1110 Non-luvic B1 horizon	
		Gypsic horizon non-hard 1111
		Gypsic horizon hard 1112
	1120 Luvic B1 horizon	
		Gypsic horizon non-hard 1121
		Gypsic horizon hard 1122
1200	Red B horizon	
	1210 Non-luvic B1 horizon	
		Gypsic horizon non-hard 1211
		Gypsic horizon hard 1212
	1220 Luvic B1 horizon	
		Gypsic horizon non-hard 1221
		Gypsic horizon hard 1222
2000	A horizon bleached	
2100	Non-red B horizon	
	2110 Non-luvic B1 horizon	
		Gypsic horizon non-hard 2111
		Gypsic horizon hard 2112
	2120 Luvic B1 horizon	
		Gypsic horizon non-hard 2121
		Gypsic horizon hard 2122
2200	Red B horizon	
	2210 Non-luvic B1 horizon	
		Gypsic horizon non-hard 2211
		Gypsic horizon hard 2212
	2220 Luvic B1 horizon	
		Gypsic horizon non-hard 2221
		Gypsic horizon hard 2222

Note

In many soil families the gypsic horizon is calcareous. These horizons, however, do not qualify as either a soft or a hardpan carbonate horizon because of the predominance of free gypsum. The absence or presence of free lime in the gypsic horizon is of considerable ecological importance and could be specified by qualifiers (see list of qualifiers).

KOIINGNAAS – Ks

Orthic A
Soft carbonate horizon
Gypsic horizon

SOIL FAMILIES

1000	Non-calcareous A horizon		
	Gypsic horizon non-hard	1100	
	Gypsic horizon hard	1200	
2000	Calcareous A horizon		
	Gypsic horizon non-hard	2100	
	Gypsic horizon hard	2200	

Notes

- (i) The soft carbonate horizon may contain free gypsum (usually in the form of individual recognizable coarse-sized gypsum crystals or as fibrous, threadlike crystalline or non-crystalline gypsum deposits). The gypsum content, however, is lower than that specified for a gypsic horizon. The absence or presence of free gypsum in the soft carbonate horizon could be specified by qualifiers (see list of qualifiers).
- (ii) In many soil families the gypsic horizon is calcareous. These horizons, however, do not qualify as either a soft or a hardpan carbonate horizon because on the predominance of free gypsum. The absence or presence of free lime in the gypsic horizon is of considerable ecological importance and could be specified by qualifiers (see list of qualifiers).

SWAKOPMUND – Sk

Orthic A
Gypsic horizon
Unspecified material

SOIL FAMILIES

1000	Non-calcareous A horizon		
	Gypsic horizon non-hard	1100	
	Gypsic horizon hard	1200	
2000	Calcareous A horizon		
	Gypsic horizon non-hard	2100	
	Gypsic horizon hard	2200	

Notes

- (i) In many soil families the gypsic horizon is calcareous. These horizons, however, do not qualify as either a soft or a hardpan carbonate horizon because on the predominance of free gypsum. The absence or presence of free lime in the gypsic horizon is of considerable ecological importance and could be specified by qualifiers (see list of qualifiers).
- (ii) The A horizon is usually bleached.