

DEPARTMENT OF THE INTERIOR  
UNITED STATES GEOLOGICAL SURVEY

nr. date surface m <sup>2</sup> surface material	1981	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38
		28II 28II 28II 28II 29II 29II 29II 29II 30II
		1000 500 500 500 300 300 300 300 500
		fs fs cs cs cs ms/s calc crust cs cs/ms cs/ms calc ms/s ms/s ms/s ms/s ms/s loam serir cs cs ms/s ms/s ms/s gravel loam cs cs gravel gravel loam ms/cs gravel rock gravel pebble cs cs gravel
trees		350m 1% 800m 1%
Acacia tortilis		
Acacia gerrardii		
Tamarix aphylla		1/+
Haloxylon persicum		1/1
shrubs	CM	300m 5% 250m 2% 150m 0.5% 200m 0.5%
Anabasis articulata		1/1 1/1 1/r
Artemisia monosperma		
Calligonum comosum		
Rhanthium epapposum		
Astragalus spinosus		
Convolvulus spicatus		
Helianthemum lippii		
Fagonia arabica		
Zilla spinosa		
Acacia tortilis		
Aerva javanica		
Anabasis setifera		
Anvillea garcinii		
Artemisia herba alba		
Bassia muricata		
Cassia italica		
Convolvulus lanatus		
Ephedra alata		
Fagonia bruguieri		
Fagonia glutinosa		
Fagonia olivieri		
Haloxylon persicum		
Hammodia sp.		
Heliotropium bacciferum		
Heliotropium sancti-antonii		
Indigofera sp.		
Lycium shawii		
Ochradenus baccatus		
Pulicaria sp.		
Salsola baryosma		
Teucrium polium		
herbs	CM	060 080 060
Stipagrostis plumosa		6% 6% 20% 70% 30% 40% 20% 10% 20% 2% 5% 5% 20% 30% 40% 7% 25% 10% 5% 5% 5% 1% 3% 10% 3% 10% 15% 5% 7% 7% 30% 5% 05% 05% 5%
Eremonium diffusum		
Moltkiopsis ciliata		
Asphodelus tenuifolius		
Plantago albicans		
Neurada procumbens		
Tribulus terrestris		
Stipagrostis drarri		
Erodium sp.		
Monsonia nivea		
Polycarpha repens		
Centaura pallescens		
Aizoon canariensis		
Allium sp.		
Aristida adscensionis		
Asteriscus sp.		
Asteriscus pygmaeus		
Calendula arvensis		
Centaurea sp.		
Convolvulus sp.		
Erodium deserti		
Erodium cf. glaucophyllum		
Euphorbia peplus		
Filago argentea		
Forsskaolea tenacissima		
cf Gastrocotyle		
Geranium cf. molle		
Gisekia pharnakoides		
Glinus lotoides		
Gypsophila repens		
Hyoscyamus muticus		
Ifloga spicata		
Loeflingia sp.		
Medicago sp.		
Orobanche sp.		
Paronychia sp.		
Plantago ciliata		
Plantago indica		
Plantago notata		
Plantago ovata		
Pulicaria desertorum		
Rumex vesicarius		
Scrophularia deserti		
Silene sp.		
Stipa capensis		
Stipagrostis obtusa		
Torularia torulosa		
Trigonaella cf. stellata		
Artemisia monosperma		
Astenatherum forsskalii		
Astragalus sieberi		
Atractylis prolifera		
Blepharis ciliaris		
Cheilanthes catanensis		
Cleome sp.		
Colocynthis vulgaris		
Compositae varia		
Conyza sp.		
Cornulaca aucheri		
Cymbopogon cf. schoenanthus		
Cyperus conglomeratus		
Cynodon dactylon		
Farseta aegyptiaca		
Farseta ramosissima		
Helianthemum lippii		
Heliotropium bacciferum		
Hyparrhenia hirta		
Linaria aegyptiaca		
Morettia sp.		
Morettia canescens		
Papilionaceae varia		
Panicum turgidum		
Pennisetum orientale		
Pituranthus sp.		
Plantago sp.		
Plantago cylindrica		
Rhzoza stricta		
Schismus barbatus		
Scrophulariaceae varia		
Trichodesma africanum		
Zilla spinosa		

TABLE 1

Record of Vegetation on the Arabian Shield and adjacent sand seas