

Supplement of Biogeosciences, 12, 4407–4419, 2015
<http://www.biogeosciences.net/12/4407/2015/>
doi:10.5194/bg-12-4407-2015-supplement
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Supplement of

Does EO NDVI seasonal metrics capture variations in species composition and biomass due to grazing in semi-arid grassland savannas?

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Supplement Table S1

Species name	cover degree	biomass	life span
<i>Abutilon pannosum</i>	3	3	3
<i>Acalypha ciliata</i>	2	2	3
<i>Acacia</i> (juv)	1	1	3
<i>Achyranthes argentea</i>	3	2	2
<i>Aerva javanica</i>	3	3	3
<i>Aeschynomene indica</i>	3	3	3
<i>Alternanthera nodiflora</i>	2	2	3
<i>Alysicarpus ovalifolius</i>	2	2	3
<i>Amaranthus viridis</i>	3	3	3
<i>Andropogon gayanus</i>	3	3	3
<i>Aristida funiculata</i>	1	1	2
<i>Aristida longiflora</i>	3	2	3
<i>Aristida stipoides</i>	1	2	2
<i>Aristida mutabilis</i> & <i>adscensionis</i>	1	1	1
<i>Blainvillea gayana</i>	3	3	3
<i>Boerhavia erecta</i> & spp.	1	2	3
<i>Boscia senegalensis</i> (juv.)	2	1	3
<i>Brachiaria xantholeuca</i> & <i>orthostachys</i>	3	2	3
<i>Brachiaria lata</i> & spp.	3	2	3
<i>Brachiaria deflexa</i> & <i>ramosa</i>	2	2	3
<i>Bulbostylis barbata</i> & <i>Fimbristylis hispidula</i>	1	1	2
<i>Calotropis procera</i> juv.	2	2	3
<i>Cardiospermum halicacabum</i>	3	2	3
<i>Cassia italica</i>	2	2	3
<i>Cassia mimosoides</i>	1	1	3
<i>Cassia obtusifolia</i>	3	3	3
<i>Cassia occidentalis</i>	2	2	3
<i>Cenchrus biflorus</i>	3	2	3
<i>Cenchrus prieurii</i>	3	2	3
<i>Ceratotheca sesamoides</i>	2	2	3
<i>Chloris pilosa</i>	2	2	2
<i>Chloris prieurii</i>	2	2	2
<i>Citrullus colocynthis</i>	2	2	3
<i>Cleome monophylla</i>	1	1	2
<i>Cleome tenella</i>	1	1	1
<i>Cleome viscosa</i>	2	1	3
<i>Combretum aculeatum</i> (juv.)	2	1	3
<i>Commelina benghalensis</i>	3	1	3
<i>Commelina forskalei</i>	3	1	3
<i>Corallocarpus epigaeus</i>	2	2	3

Corchorus olitorius	2	2	3
Corchorus tridens	2	2	3
Crotalaria podocarpa	2	3	3
Chrozophora senegalensis	2	3	3
Ctenolepis cerasiformis	1	2	3
Cucumis melo	3	2	3
Cyperus rotundus	2	1	3
Dactyloctenium aegyptiacum	3	2	2
Digitaria horizontalis	2	2	2
Echinochloa colona	3	2	3
Eragrostis ciliaris	1	1	2
Eragrostis diplachnoides	2	2	3
Eragrostis lingulata & cilianensis	1	1	2
Eragrostis pilosa	1	1	2
Eragrostis tremula & aspera	1	1	2
Euphorbia aegyptiaca	3	1	2
Gisekia pharnaceoides	2	1	2
Grewia bicolor (juv.)	2	1	3
Gynandropsis gynandra	2	2	3
Hackelochloa granularis	1	1	2
Heliotropium bacciferum	3	3	3
Heliotropium strigosum	1	1	2
Hibiscus asper	3	3	3
Hibiscus sabdariffa	3	3	3
Hibiscus sidaeformis	3	2	3
Indigofera astragalina	3	3	3
Indigofera colutea	2	2	3
Indigofera diphylla	3	2	3
Indigofera pilosa	2	1	2
Indigofera secundiflora	3	3	3
Indigofera senegalensis & aspera	3	2	3
Ipomoea coptica	2	1	3
Ipomoea dichroa	2	2	3
Ipomoea kotschyana	2	1	3
Ipomoea pes-tigridis	3	2	3
Ipomoea eriocarpa	2	1	3
Ipomoea triloba	3	2	3
Ipomoea vagans	2	1	3
Kohautia grandiflora & senegalensis	1	1	2
Leptadenia hastata	2	2	3
Leptothrium senegalense	3	2	3
Limeum diffusum	1	1	2
Limeum pterocarpum	1	1	2
Limeum viscosum	2	1	2

Maerua angolensis (juv.)	2	1	3
Merremia aegyptiaca	3	1	3
Merremia pinnata	1	1	3
Merremia sp.	2	1	3
Merremia tridentata	3	2	3
Mollugo nudicaulis & cerviana	1	1	2
Momordica balsamina	2	1	3
Monsonia senegalensis	3	1	2
Panicum laetum	2	2	1
Pancratium trianthum	2	2	3
Pennisetum pedicellatum	2	2	2
Pennisetum typhoides	2	3	3
Peristrophe bicalyculata & Dicliptera verticillata	2	2	3
Pergularia daemia	3	2	3
Phyllanthus niruri & pentandrus	1	1	2
Polygala erioptera	1	2	2
Polycarpaea linearifolia	2	2	2
Portulaca foliosa	2	1	1
Portulaca oleracea	2	1	2
Pupalia lappacea	2	2	3
Rogeria adenophylla	3	3	3
Schoenefeldia gracilis	2	2	2
Sclerocarya birrea (juv.)	1	1	3
Sesamum alatum	1	1	3
Sesuvium hydaspicum & portulacastrum	2	1	2
Sesbania rostrata	3	3	3
Sorghum bicolor	2	3	3
Spermacoce chaetocephala & radiata	2	1	3
Sphenoclea zeylanica	2	1	3
Stylochiton hypogaeus	3	2	3
Tephrosia purpurea	3	3	3
Tephrosia uniflora	3	3	3
Tetrapogon cenchriformis	2	2	2
Tinospora bakis	2	2	3
Tragus berteronianus	2	1	2
Trichoneura mollis	2	2	3
Tribulus terrestris	3	2	3
Urginea indica & Dipcadi tacazzeanum	1	1	3
Waltheria indica	3	3	3
Zornia glochidiata	3	1	3