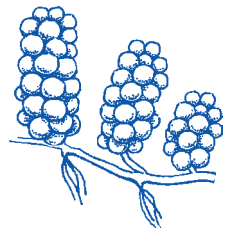
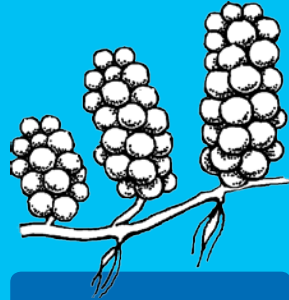


Ol si wid blong solwota we yumi save kakae olgeta



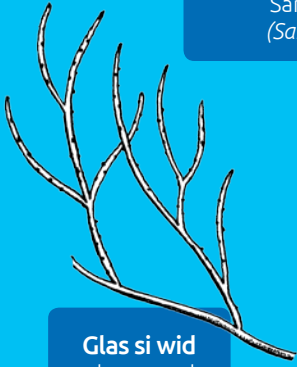
Braon si wid (smol lif)
Sargassum
(*Sargassum*)



Si greps
Sea grapes
(*Caulerpa*)



Red alki
Maidenhair
(*Hypnea*)



Glas si wid
glass weed
(*Gracilaria*)



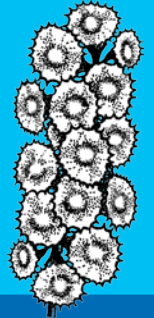
Grin si alki
(*Halimeda*)



Grin si wid
(*Euchemma*)



Fanel si wid
Funnel weed
(*Padina*)



Paenapol si wid
Spiny top
(*Turbinaria*)



Spisis mo distribiusen

I kat ova long 500 kaen si wid blong solwota raon long ol aelan blong Pasifik mo maet 20 pesen blong olgeta oli yusum olsem kakae. I kat sam nomo we yumi tokbaot long ples ia be yu save faenem infomesen long ol narawan long SPC web saet (www.spc.int)¹

Long kastom blong yumi, yumi bin yusum ol si wid blong solwota olsem kakae blong ol man mo ol animol we yumi stap lukaotem olgeta, olsem meresin, mo olsem mulch mo fetalaesa long garen. Evri plant we oli soem antap, wetem *halimida* we hemi wan plant we i gat wan impoten rol blong fomem ol sanbij – oli yusum olsem kakae or blong putum tes mo fleva long kakae. Totel gras, glass weed mo maidenhair oli yusum plante olsem kakae, mo tu ol strong plant olsem *sargassum* mo funnel weed oli yusum blong mekem lifti mo supsup long hem.

Sam long ol spisis we oli no ol stret plant blong solwota blong Pasifik oli karem blong introdusim long Pasifik. *Euchemma* mo *Kappaphycus* (we i olsem famli blong *Euchemma*) oli karem mo introdusim long Pasifik mo oli famem long sam ples blong karemaot carrageen, we oli yusum blong mekem sam samting olsem tutpes mo aeskrim i kam tik. Wan spisis blong maidenhair (hooked red seaweed, *hypnea musciformis*) we i no blong Pasifik oli introdusim long Kane'ohe Bay long 1974 blong famem mo i spred kwiktaem truaot long Hawaii. I gat sam nara si wid we maet oli save famem olgeta.

¹ Irene Novaczek (2001) A guide to the common edible and medicinal seaweeds of the Pacific islands. Community Fisheries Training Pacific Series 3A. Supplementary Guide to Seaweeds: Pacific Series 3. USP Marine Studies Programme / SPC Coastal Fisheries Programme.



Ples we ol si wid i stap long hem mo kakae blong olgeta

Euchemma, spisis we i stap long pikja antap, i stap long plante ples long ol aelan long Pasifik. Sam, olsem maidenhair mo glass weed, i stap long ples we i save haed behaen long rif eria mo ol narawan olsem totel gras oli stap laef long eria we i gat plante muvmen blong wota.

Ol si wid blong solwota oli no olsem ol plant blong graon we oli karem nutrien long graon tru long ol rus blong olgeta, olgeta oli tekem nutrien (kakae) aot long solwota we i stap raon long hem. Sam braon kala si wid olsem *Sargassum* oli gru kwiktaem long taem we i gat plante nutrien long solwota long ol eria long kos, plante taem long wet sison, mo oli gru antap mo kilim ol korel. Hemia i kam wan problem speseli long taem we ol animol blong solwota we oli stap kakae ol si wid (si ejen, si snel mo ol fis olsem piko we oli stap kakae ol plant) oli ovafisim olgeta.





Riprodaksen mo saekol blong laef

Ol defren spisis blong si wid oli gat ol defren fasin blong riprodaksen mo plante taem oli kompliketed tumas.

Long wan kaen isi fasin blong riprodaksen (we oli kolek asexual reproduction) sam pis blong plant ia i brok aot long bigfala plant mo oli gru i kam wan niu plant. Sam spisis oli brok long taem we solwota i raf long ol hariken mo oli flot i go long wan long distens bifo oli setel long wan ples mo gru. Evri niu plant we i gru olsem oli ol clone - minim se hemi sem mak long ol nara wan we oli bin brok aot mo hemi sem mak long si wid we i peren blong hem.

Ol si wid blong solwota i save riprodus wetem tufala seks taem oli produsim ol man mo woman plant we oli kolek gametophytes we oli givim aot ol eg mo sperm igo long solwota. Afta we eg i fetalaes igo long solwota i gru blong kam wan niu si wid.

Ol si wid ia i save gru kwiktaem – taem ol kondisen i gud, sam total gras oli save gru 2 sentimita long wan dei. Sam si wid oli annual, minim se oli laef mo ded bakegen insaed long wan yia, sam nara wan oli save laef go kasem 10 yia.



Fasin blong karem ol si wid blong solwota

Long ol aelan blong Pasifik, koleksen mo mekem maket long ol si wid blong kakae hemi stap involvem ol woman mo famli mo vilej grup. Long sam kalja, wan ples blong havestem oli yusum longtaem finis mo i kam wan ples we oli kipim hem olsem i wan sikret.

From oli stap laef long ol salo wota, ol si wid we man i save kakae oli impoten tumas olsem wan saplae blong kakae speseli long taem we solwota i raf. Si wid hemi gat gudfala faeba blong kakae, smol fat nomo mo plante kaen vitamin mo mineral.



Fasin blong manejmen we yu save jusum

I no gat eni nasonal manejmen kontrol we oli putum long koleksen blong si wid blong solwota long ol aelan kaontri blong Pasifik mo manejmen hemi stap long han blong fising komiuniti nomo. Ol aksen we komiuniti i save jusum i inkludim:

- Livim o plantem bakegen pat blong wanwan plant. Ol si wid olsem total gras i save gru bakegen long ol smol pat blong plant sapos oli livim long ples we oli faenam o putum long ol krak long rif we i stap klosap. Ol vilej miting mo woksop i save enkarejem ol kolekta blong folem praktis ia. Long Fiji bifo, ol woman oli kolektem ol stamba we oli stanap nomo mo oli livim ol stamba we oli stap leitaon blong mekem ol niu plant.
- Setemap rotesonal haves. Wan komiuniti fising eria i save divaed igo long sam smolmol eria. Sapos i kat tri eria, olsem eksampol, koleksen blong si wid long wan eria i save stap blong tu manis blong alaoem plan blong i gru gud. Koleksen blong si wid i save gohed long nara tu eria long taem ia. Wanwan eria i klos blong tu manis.

