7 Phylum Scurry Float Crew

Bread Cru	mb Sponge, <i>Halochon</i> Green Purple Yellow	dria	sp. Tidepool Exposed Channel	
Coffin Bry	ozoans, <i>Membranipor</i> Tidepool		e membracea (e Exposed	encrusting) Channel
Giant Feat	her Duster, Eudistylia Tidepool		emorpha Exposed	☐ Channel
Hairy Chit	on, <i>Mopalia</i> Tidepool		Exposed	☐ Channel
Hermit Cra	ab Tidepool		Exposed	☐ Channel
Black (leat	ther) Chiton, Katharina Tidepool	a tur	nicata Exposed	☐ Channel
Limpet (no	ot keyhole) Tidepool		Exposed	☐ Channel
Keyhole li	mpet, <i>Diodora espara</i> Tidepool		Exposed	Channel
Mussel, M	ytylis Tidepool		Exposed	Channel
Dog Wink	le, <i>Nucella</i> (neogastrop Tidepool	_	Exposed	Channel
Purple Sho	re Crab, Hemigrapsis Tidepool		us Exposed	Channel
Decorator	Crab (spider crab), <i>Ord</i> ☐ Tidepool	egon	nia spp. Exposed	☐ Channel
Barnacle	☐ Tidepool		Exposed	☐ Channel

	Spiral tubeworms, (Spirorbio	lae), white tubes, red t Exposed	entacles Channel	
_ I	Porcelain Crab, Petrolisthes Tidepool	eriomerus Exposed	☐ Channel	
_ ·	White sea cucumber, Eupent Tidepool	acta quinquesemita Exposed	☐ Channel	
	Nemertean, Paranemertes pe	regrina Exposed	☐ Channel	
	Orange sea cucember, Cucun Tidepool	naria miniata Exposed	Channel	
	Lined Chiton, Tonicella Tidepool	☐ Exposed	☐ Channel	
	Gumboot Chiton, Cryptochii Tidepool	on stelleri Exposed	☐ Channel	
	going back there later. # = /m ²			
		LOPEZ TSLAND		
	SAJ :	JUAN CHANNEL		
blec	k opetweateher	pelagic Corn	orant	
vil kela feether box -	I spendt Johnson	III acces		
	Suctigness San cucumber	sunflavor star	rostanga	
\ 11		crob 5 3 rock wood	le Huce	
		lichen		(
	GRASSY BLUE			

BILLIONS AND BILLIONS Float Crew

"There are billions in this pond."

--Owen displays his numerary skills at Handy Joe's Crab Den, estimating the number of spirorbids. Next he'll be barred from Sands Casino for counting cards.

Quadrant Analysis

GOAL: To estimate the number of SPIRORBIDS per meter square.

PROCEDURE: Count the number of SPIRORBIDS in the quadrant.

Each quadrant is a quarter of a meter, so take the number counted and multiply by four. Compare this to your guesstimation and see how well you did.

REASON FOR DOING THIS: To get a better understanding of the biomass at Cattle Point.

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I dime outline $\simeq 1 \text{ cm}^2$ density of spilorpids $\simeq \frac{82}{\text{cm}^2} \times \frac{100^2 \text{ cm}^2}{\text{m}^2} = 82 \times 10^4/\text{m}^2$ 820,000/m²