


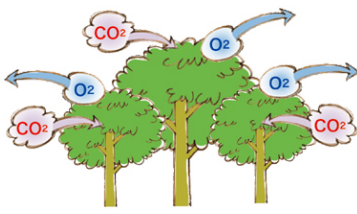


## Biology × English Worksheet

### 1. Vocabulary

単語・用語	意味	単語・用語	意味
Wildlife	野生生物	Ecosystem service	生態系サービス
Coral	サンゴ	Cnidarian	刺胞動物
Sea anemone	イソギンチャク	Tentacle	触手
Nematocyst	刺胞	Circulate	循環する
Supply service	供給サービス	Adjustment service	調整サービス
Cultural service	文化的サービス	Base service	基盤サービス
Flood	洪水	Nutrient	栄養素

### 2. Ecosystem Service

Supply Service	Adjustment Service	Cultural Service
 <p>Example Food, Wood, Medical supplies, Fuel, etc...</p>	 <p>Example Climate adjustment, Control of disease and pests, Flood control</p>	 <p>Example Leisure, Recreation, Art, Education, Religion, etc...</p>
Base Service		
 <p>Example Material production by plants, Absorbing carbon dioxide, Soil formation, Nutrient circulation</p>		

### 3. Work (挑戦できる人は “You don’t like wildlife”で考えてみよう)

Q 1. What wildlife are related to you ?

Ex.1 Cockroach

Ex.2 Ant

Q 2. What is your relationship to this wildlife? (Ex. When I was in elementary school, played with it, Breeding, etc....)

Ex.1 When I’m relaxing at home, they suddenly appear and startle me, making me feel bad.

Ex.2 When I became a teacher, I spent three years observing ants with my biology club students.

→Please share Q1 and Q2 with your group.

**Class (     ) No. (     ) Name (                                )**

#### 4. Group Work (グループで決めた1つの生物について)

Q 1. What ecosystem services are related to this wildlife? Why is that?

Ex.1 Cockroaches are related to base services.. Because cockroaches decompose organic matter and help circulate nutrients.

Ex.2     Ants are related to cultural services. Because ant behavior has been applied to robot development.

## 5. 振り返り

今日の内容を振り返って、野生生物との共生についてあなたの意見を述べて下さい。

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6. 感想 (今日の授業の感想など何かあれば何でも良いの書いて下さい)

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